

January 1979

CD# 1

Articles

TITLE	AUTHOR
Acrosonic Action Removal	Ritchie, Duncan
Anticipated Drop Technique	Defebaugh, George
Bridge Tilt Cant and Roll	Krefting, Jack
Bylaws Outline - Chapters	Editor
Forming Tuning Pin Coils	Morgan, George R.
Hammer Ordering	Berg, Harry
Here We Go Into 1979	Santy, Don
Jumping Pins	Krefting, Jack
Plastic Action Parts	Bloch, John
Plate Acoustics	Krefting, Jack
President's Report	Morton, W. Don
PTG Visits Europe	Editor
Spacing Steinway Shanks	Krefting, Jack
Starting Chapter Newsletter	Editor
The Bumping Action	Engelhardt, Jim
The Bumping Action	Pfeiffer, Walter
The Piano Hammer	Krefting, Jack
Treble Trouble	Hunt, Newton J.
Vertical Uniform Letoff	Knoblock, Mike

KEYWORDS:

Acrosonic Action Removal, Action, Action Differences, Actions, Aim & Function, Anticipated Drop Technique, Bridge Tilt Cant and Roll, Bridges, Bylaws Outline - Chapters, Design, Drop Action Removal, Forming Tuning Pin Coils, Hammer, Hammer Let-Off & Travel, Hammer Ordering, Here We Go Into 1979, High Treble and Low Bass, Jumping Pins, Materials, Newly Formed Chapter, Newsletters & Publicity, Ordering New Hammers, Other, Parts, piano, Piano Technicians Guild, Pin Coil Makers, Pins Jumping, Plastic Action Parts, Plastics, Plate, Plate Acoustics, President's Report, PTG Visits Europe, Raising Pitch, Rebuilding, Regulating, Reports, Spacing & Traveling Hammers, Spacing Steinway Shanks, Starting Chapter Newsletter, The Bumping Action, The Piano Hammer, Theory, Tighteners, Too Tight, Travel & Recreation, Treble Trouble, Tuning, Unusual Types, Vertical Uniform Letoff

February 1979

CD# 1

Articles

TITLE	AUTHOR
Bridle Strap Purpose	Krefting, Jack
Grand Damper Wires	Krefting, Jack
Ivory Imports	Comstock, Woody
Key Bushings Removal	Donelson, James
Repetition In Verticals	Krefting, Jack
Replacing Strings	Krefting, Jack
Social Security Costs	Hoskins, Leslie
Sticking Keys In Verticals	Stone, Sidney
The Tuner Technician	Santy, Don
Total Piano Production	Santy, Don
Transposing Pianos	Krefting, Jack
Tuning Tests	Hunt, Newton J.
What Old Folks Are Doing?	Morton, W. Don

KEYWORDS:

Action, Bridle Strap Purpose, Business, Etc., Experimental Piano, Family Participation, Grand Damper Wires, Hooks, Insurance, Ivories, Ivory Imports, Key Bushing Removal, Key Bushings Removal, Key Easing, Keys, Lift Rods, Materials, Parts, Piano Industry, Pitch Changes, Production, Rails, Rebuilding, Regulating, Repetition In Verticals, Replacing Strings, Social Security, Social Security Costs, Spacing & Leveling, Sticking Keys In Verticals, String Replacement & Ordering, Tests By Sections, The Profession, The Tuner Technician, Theory, Total Piano Production, Transposing Pianos, Tuning, Tuning Tests, Verticals, What Old Folks Are Doing?, Whippen Assembly, Wires

March 1979

CD# 1

Articles

TITLE	AUTHOR
Annual Income Vs. Expense	Odenheimer, Fred
Cleaning Old Ivories	Eaton, Wendell E.
Concert Pianist And Tuner	Wathen, Michael J.
Damper Regulation	Boone, Danny L.
Electric Piano Developer	Rhodes, Harold
Keytops Removal	Krefting, Jack
Making Motions	Thompson, Ailsa
Pedal Prop Nuts Tightened	Koford, Herman
Plastic Keys Cracking	Krefting, Jack
Plate Stress	Krefting, Jack
Professional Attitudes	Morton, W. Don
Sharing Our Knowledge	Robinson, Christopher S.
Small Business Man's Plight	Santy, Don
Soundboard Repairs	Krefting, Jack
Tightest Flange Center	Krefting, Jack
Tuning Different Temperaments	Hunt, Newton J.
Warped Keys Repair	Krefting, Jack

KEYWORDS:

Annual Income Vs. Expense, Artists, Business, Business Procedures, Cleaning, Cleaning Old Ivories, composers, Concert Pianist And Tuner, Damper Regulation, Damper Spacing Timing Positioning, Early Temperaments, Electric Piano, Electric Piano Developer, Electric Pianos, Electronics, etc.), Key Tops and Fronts, Keytop Removing & Gluing, Keytops Removal, Lyre, Making Motions, Musicians (pianists, Others Work, Pedal Prop Nuts Tightened, Pedals, Piano Technicians Guild, Plastic Keys Cracking, Plate Stress, Polishing, Professional Attitudes, Rebuilding, rebuilding, Regulating, Sharing Of Knowledge, Sharing Our Knowledge, Small Business Administration, Small Business Man's Plight, Soundboard Repairs, Stress, Tightening Flanges, Tightest Flange Center, Tuning, Tuning Different Temperaments, Wages & Economy, Warped Keys, Warped Keys Repair

April 1979
CD# 1
Articles

TITLE	AUTHOR
A Public Relations Effort	Editor
Adaptability In Tuning	Hunt, Newton J.
Advice For New Piano Owner	Mencher, Steve
Anomalous Scales	Hunt, Newton J.
Damper Regulation	Bennett, Art
Easy Action From Bracket	Koford, Herman
Easy Heavy Pedal Action	Koford, Herman
False Beats	Hunt, Newton J.
Glue Types And Uses	Knoblock, Mike
Grand Action Regulation	Edwards, La Roy
Grand Hammer Hanging Jig	Holder, John L.
Heavy Action Problem	Krefting, Jack
Lost Motion and Key Dip	Turanzac, Jose
Lubrication of Piano Parts	McKlveen, Ben
Piano Term Definitions	Krefting, Jack
Professional Responsibility	Morton, W. Don
Recrowning Soundboard	Bloch, John
Removing Doweled Pinblocks	Krefting, Jack
Sharps Leveling Tool	Baldwin Company
Soundboard Refinishing	Krefting, Jack
Soundboard Repairs	Bloch, John
Substituting Shanks	Krefting, Jack
The Dissatisfied Customer	Huether, Charles P.
Tuner Customer Relations	McQuigg, Howard J.
Von Der Werkstatt, Premeier, Key Repair & Regulation	Rappaport, Priscilla & Joel
Workmanship Standards	Santy, Don

KEYWORDS:

A Public Relations Effort, Acoustics, action from frame, Action Removal & Replacement, Adaptability In Tuning, Adhesives, Advice For New Piano Owner, Analysis & Correction, Anomalous Scales, Business, Crown Restoration, Customer Buying (New), Customer Relationships, Damper Regulation, Damper Spacing Timing Positioning, Easing, Easy Action From Bracket, Easy Heavy Pedal Action, False Beats, False Beats Elimination, General Items, Glue Types And Uses, Grand Action Regulation, Grand Hammer Hanging Jig, Heavy Action Problem, Inharmonics in Temp., inventions, Jigs, Key Dip, Key Easing, Key Repair & Regulation, Keys, Lost Motion and Key Dip, Lubricants, Lubricants and Cleaners, Lubrication of Piano Parts, Musical Scales, Nomenclature, Other, Parts, parts, Pedal Adjustments, Piano Technicians Guild, Piano Term Definitions, Pinblock Removal, Positioning & Boring Hammers, Professional Responsibility, Public Relationships & Ge, Publicity, Rebuilding, rebuilding, Recrowning Soundboard, Regulating, Removal & Installation of Action, Removing Doweled Pinblocks, Replacing Shanks, Sharps Leveling Tool, Shop Set-Ups,, Soundboard Refinishing, Soundboard Repairs, Spacing & Leveling, Standards & Code of Ethics, Substituting Shanks, The Dissatisfied Customer, tools & equipment, Tools and Equipment, Tuneability, Tuner Customer Relations, Tuning, Types, Voicing, Von Der Werkstatt, Workmanship Standards

May 1979

CD# 1

Articles

TITLE	AUTHOR
Business Promotion	Santy, Don
Extracting Spinnet Action	Payne, Robert
Extracting Upright Action	Scheer, John L.
False Beats	Krefting, Jack
False Beats	Krefting, Jack
Filling Chipped Ivories	
Keeping New Members	Krefting, Jack
Keeping New Members	Krefting, Jack
Maintaining Newsletters	Krefting, Jack
Metal Pinblock	Krefting, Jack
Pitch Raising New?	Hunt, Newton J.
Player Piano Systems	McCall, Raye
Pricing Into Trouble	Huether, Charles P.
Rate of Piano Tone Decay	Baldwin Company
Refastening Ribs	Huether, Charles P.
Replacing Hammer Butts	Harr, Tom
Self Image And More	Schoenberger, Art
Setting Hammer Escapements	Waltrip, Robert
Silicone In Pinblock	Krefting, Jack
Soundboard Recrowning	
Soundboard Recrowning?	Bloch, John
Surprise? Unexpected Work	Rappaport, Priscilla & Joel
Tone Instability New Piano	Dinwiddie, James
Tones Decay Then Sustain	Baldwin Company
Tuning Stability New Piano	Krefting, Jack

KEYWORDS:

Acoustics, Action, Bonding Ribs to Board, Business, Business Promotion, cleaning, Crown Restoration, Extracting Spinnet Action, Extracting Upright Action, False Beats, False Beats Elimination, Filling Chipped Ivories, General, Hammer Butts, Hammer Let-Off & Travel, History, Ivory Replacements, Keeping New Members, Maintaining Newsletters, Membership Outreach, Metal Pinblock, Noteworthy Failures, Participation Community Af, Parts, Piano Industry, Piano Technicians Guild, Pinblock, Pitch Raising New?, Player Mechanisms, Player Piano Systems, polishing, Price-Lists & Guides, Pricing Into Trouble, Problems, projection, Prospects & Promotion, Raising Pitch, Rate of Piano Tone Decay, Rebuilding, Refastening Ribs, Regulating, Removal & Installation of Action, repair, Replacing Hammer Butts, Research, Self Image And More, Self-Examination, Setting Hammer Escapements, Silicone In Pinblock, Small Business Administration, Soundboard Recrowning, Soundboard Recrowning?, Surprise? Unexpected Work, tone evaluation, Tone Instability New Piano, Tones Decay Then Sustain, Tuneability, Tuning, Tuning Stability New Piano, Variability of Inharmonicity, Voicing, voicing

June 1979

CD# 1

Articles

TITLE	AUTHOR
"Prepared" Pianos	Brady, Thomas M.
Aids For Visually Impaired	Santy, Don
Balance Rail Hole Reamer	Wheeler, Elizabeth
Bouncing Hammers	Berg, Harry
Bridge Pins	Graham, Susan
Cracked Plate	Krefting, Jack
Doing The "Hole" Job	Rappaport, Priscilla & Joel
Grand Dags	Krefting, Jack
Hammer Technique	Hunt, Newton J.
Improving Tuning Skills	McKlveen, Ben
In The Market For A Piano?	Meehan, Joseph A.
Ingenious Tool Contest	Burton, James H.
Keep Mice From Pedal Holes	Koford, Herman
Let Off Screw Repair	Blatt, Libby
Papering Grand Wippens	Krefting, Jack
Pinblock Drilling	Russell, Bob
Professional Independence	Morton, W. Don
Reaming Balance Holes	Krefting, Jack
Replacing Damper Springs	Fornwalt, Fred
Some Old German Actions	Ellis, James F.
Soundboard Recrowning?	Bloch, John
Tool String Leveler	Wheeler, Elizabeth

KEYWORDS:

"Prepared" Pianos, Action Differences, Aids For Visually Impaired, Aspirations, Balance Rail Hole Reamer, Bouncing Hammers, Braille Journal, Bridge Pins, Business, Case and Associated Parts, Cracked Plate, Crown Restoration, Customer Buying (New), Damper Springs & Levers, Doing The "Hole" Job, Etc. Control, Grand Dags, Grands, Hammer Technique, Hammer Techniques, Improving Tuning Skills, In The Market For A Piano?, Ingenious Tool Contest, Inventions, Keep Mice From Pedal Holes, Let Off Screw Repair, Mice, Moths, Other, Papering Grand Wippens, Parts, parts, piano, Piano Technicians Guild, Pianos industry, Pinblock Boring & Bushings, Pinblock Drilling, Professional Independence, Reaming Balance Holes, Rebuilding, Regulating, Regulating Screws & Buttons, repair, Repinning, Replacing Damper Springs, researches, Selection of Piano, Some Old German Actions, Soundboard Recrowning?, Specially Made Tools, Strain Of The Job, Tapes, The Profession, Tonal Differences of Pianos, Tool String Leveler, Tools and Equipment, Tuning, Unusual Types, Vermin Control, Verticals

July 1979

CD# 1

Articles

TITLE	AUTHOR
Accident Insurance	Ross, Eloise M.
After-Sound In Unisons	Fesler, Edward E.
Birdcage Pianos	Krefting, Jack
Black Key Dip - Grand	Rappaport, Priscilla & Joel
Dampers Raise Unevenly	Lustig, Chuck
Downbearing	Krefting, Jack
Exports of Pianos In 1978	Rogers, Ulys
Humidity and Piano Pitch	Galt, Don S.
Humidity Control	Krefting, Jack
Improving Our Talents	Morton, W. Don
Jack Alignment	Krefting, Jack
Membership Promotion Aids	Editor
More On Sound Boards	Thatcher, Walter
Nosebolt Adjustment	Krefting, Jack
Plate Stress	Shulze, Gary
Prestress Pitch Lowering	Hunt, Newton J.
Reregulating Verticals	Peters, George S.
Running An Organization	Santy, Don
Servicing Aeolian Players	McCall, Raye
Tight Tuning Pins	Krefting, Jack
Tool For Broken Agraffe	Koford, Herman
Working With Stores	Mehaffey, Francis

KEYWORDS:

Accessories, Accident Insurance, Acoustics, Actions, Advancement of, After-Sound In Unisons, Agraffes, Birdcage (Over-Damper), Birdcage Pianos, Black Key Dip, Business, Climatic Considerations, Crown, Damper Action, Dampers Raise Unevenly, Downbearing, Downbearing, Exports of Pianos In 1978, General Acoustics, Health & Accident Ins. (Including. Disability, Humidity, Humidity and Piano Pitch, Humidity Control, Improving Our Talents, Insurance, International, Jack Alignment, Jack Positioning, Key Dip, Lowering Pitch, Membership Promotion Aids, More On Sound Boards, Music Stores, Nose Bolt Adjustment, Nosebolt Adjustment, Other, Parts, Peculiarities, piano, Piano Industry, Piano Sound Production, Piano Technicians Guild, Pianos, Pins Jumping, Plate Stress, Players, Popularity Of Piano, Prestress Pitch Lowering, procedure as a whole, Prospects & Promotion, Rebuilding, Regulating, Repair, Reregulating Verticals, Running An Organization, Servicing Aeolian Players, Soundboard Materials & Functions, Soundboard Repairs, Specially Made Tools, Strain Of The Job, Stress, Tight Tuning Pins, Too Tight, Tool For Broken Agraffe, Tools and Equipment, Tuning, Unusual Type Pianos, Verticals, Weather Controls, Working With Stores

August 1979

CD# 1

Articles

TITLE	AUTHOR
Accepting Presidency PTG	Russell, Bob
Black Key Dip - Upright, Surprise? Unexpected Work	Rappaport, Priscilla & Joel
Ease Tight Action Centers	Krefting, Jack
Fischer Action Brackets	Krefting, Jack
Flange Repinning	Lyons, W. Jesse
Front Rail Keypins	Krefting, Jack
Gadget To Reach Butt Screw	Scheer, Larry
Musical Instruments Import	Editor
Overring or Echo	Krefting, Jack
Piano Tool Kits	McKlveen, Ben
Piano Wire	Krefting, Jack
Replacing Key Bushings	Holders, John
Small Business Management	Santy, Don
Steinway and Sons	Ingrassia, Michel
Sticking Keys	Stone, Sidney
Stress and Tuneability	Burton, James H.
Stress and Tuneability	Ellis, James F.
Structure of The Crown	Bloch, John
Teflon Bushings	McKay, Guy
Tuning A Whole Piano Matter	Hunt, Newton J.

KEYWORDS:

Accepting Presidency PTG, Action Brackets, Action Reconditioning, Bushings, Business, Crown, Ease Tight Action Centers, Easing Flanges, Fiber-Glass, Fischer Action Brackets, Flange Repinning, Front Rail Keypins, Gadget To Reach Butt Screw, Gadgets, Individual Manufacturers, International, Key Bushing Replacement, Key Easing, Key Pins, Keys, Marketing & Outlook, Materials, Musical Instruments Import, Nature of Tuning, Officers Staff Committees, Overring or Echo, parts, Peculiarities, Piano Industry, Piano Technicians Guild, Piano Tool Kits, Piano Wire, Popularity Of Piano, Rails, Rebuilding, Regulating, Replacing Key Bushings, Slips, Small Business Administration, Small Business Management, Spacing & Leveling, Steinway and Sons, Sticking Keys, Stress and Tuneability, Structure of The Crown, Surprise? Unexpected Work, Teflon, Teflon Bushings, Tool Kits, Tools and Equipment, Tuneability, Tuning, Tuning A Whole Piano Matter, Wire

September 1979

CD# 1

Articles

TITLE	AUTHOR
Aeolian Player Service	McCall, Raye
Calculating Technician, Part I	Roberts, David
Convention Review	Santy, Don
Hammer Hanging	Dodson, Ned
Hammer Weights	Krefting, Jack
Health & Dental Insurance	Ross, Eloise
Ivory Color Matching	Osborne, Joseph
Pinblock Drilling	Roberts, David
Plastic Elbow Replacements	Wadl, Ted
Power Assisted Tuning	Fairchild, Steve
Professional Pride	Russell, Bob
Repinning Bridges	McVay, James I.
Replacing Strings	Rappaport, Priscilla & Joel
Servicing Bosendorfer, Kimball	Weisensteiner, R.
Stringing and Back Repair	Corey, Bud
The Toning Of A Piano	Herwig, Lewis F.
Tools Carried In Car	McKlveen, Ben
Tuning Concert	McKlveen, Ben
Verdigris In Action Centers	Brown, Edward C.
Voicing And Needed Tools	Hunt, Newton J.

KEYWORDS:

Acoustics, Aeolian Player Service, Aligning Hammers, Bridge Pins, Business, Calculating Technician, cleaning, Convention Review, Convtns. Conferences Seminars, Differing Keytop Colors, Easing Flanges, Elbows, Hammer Condition, Hammer Hanging, Hammer Weight, Hammer Weights, Health & Dental Insurance, Health Care, High Treble and Low Bass, In General, Inharmonicity, Insurance, Ivory Color Matching, Key Tops and Fronts, Kimball, Materials, Piano Technicians Guild, Pinblock Boring & Bushings, Pinblock Drilling, Pitch Changes, Plastic Elbow Replacements, Plastics, Players, polishing, Power Assisted Tuning, Preventive Maintenance, Pride In, Procedure as a Whole, Professional Pride, Rebuilding, Regular Service Tools, Regulating, regulating, Repair, repair, Repinning Bridges, Replacing Strings, scale evaluation, Servicing Bosendorfer, String Replacement & Ordering, Stringing & Restranging, Stringing and Back Repair, tension formula, The Toning Of A Piano, Tools and Equipment, Tools Carried In Car, Tuners (Visual & Audio Aids), Tuning, Tuning Completion, Tuning Concert, Verdigris In Action Centers, Voicing, Voicing And Needed Tools

October 1979

CD# 1

Articles

TITLE	AUTHOR
Backcheck Adjustment	Krefting, Jack
Calculating Technician, Part II	Roberts, David
Horn Wedges	Krefting, Jack
Key Weighting	Stout, Clarence P.
Listening With Open Mind	Russell, Bob
Materials For Piano Work	Rappaport, Priscilla & Joel
Painted Tuning Pins	Krefting, Jack
Papering Steinway Flanges	Krefting, Jack
Positioning New Knuckles	Krefting, Jack
Slide Studs and Key Dip	Krefting, Jack
Sostenuto Adjustment	Kiefting, Jack
Using Words Effectively	Santy, Don
Wurlitzer Sharp Tops	Bittinger, Dick

KEYWORDS:

Acoustics, Backcheck Adjustment, Back-Check Position, Business, Calculating Technician, Hearing/ Speaking, Horn Wedges, Key Dip, Key Tops and Fronts, Key Weighting, Language Use, Listening With Open Mind, Materials, Materials For Piano Work, Painted Tuning Pins, Papering Steinway Flanges, Pins & Coils, Positioning New Knuckles, Rebuilding, Regulating, Repairing Flanges, scale evaluation, Slide Studs and Key Dip, Sostenuto Adjustment, Sostenuto Blade Adjustment, tension formula, Touch Weight, understanding formulas, Using Words Effectively, Wedge Adjustment, Wurlitzer Sharp Tops

November 1979

CD# 1

Articles

TITLE	AUTHOR
Brad Supports To Glue Wood	Krefting, Jack
Broken Plate	Krefting, Jack
Calculating Technician, Part III	Roberts, David
Grand Hammer Installation	Geers, Clifford
Grand Let-Off Problem	Krefting, Jack
Keogh Plan	Ross, Eloise M.
Obituary... Cheatum, Paul	
Obituary... Sturgeon, Clarence	
Opportunities in P.T.G.	Russell, Bob
Pinblock Life	Krefting, Jack
Service On Kimball Players	McCall, Raye
Titebond Glue and Freezing	Boch, William L.
Tuning Instability	Hunt, Newton J.
Universal Strings	Krefting, Jack

KEYWORDS:

Acoustics, Adhesives, Bass Universal, Brad Support, Brad Supports To Glue Wood, Breaks, Broken Plate, Calculating Technician, Clamps, Clarence, Grand Hammer Installation, Grand Let-Off Problem, Hammer Installation (New Sets), Hammer Let-Off & Travel, In Memoriam & Death Notice, Insurance, Keogh Plan, Keogh-Simpson Plan, Marketing & Outlook, Obituary... Cheatum, Obituary... Sturgeon, Opportunities & Outlook, Opportunities in P.T.G., Other, Over-All Tests, Parts, Paul, Piano Industry, Piano Technicians Guild, Pinblock and Pins, Pinblock Life, Plate, Players, Rebuilding, Regulating, Responsibility For, scale evaluation, Service On Kimball Players, tension formula, Titebond, Titebond Glue and Freezing, Tools and Equipment, Tuning, Tuning Instability, understanding formulas, Universal Strings

December 1979

CD# 1

Articles

TITLE	AUTHOR
Aid for Leveling Sharps	Pealer, William
Alcohol to Shrink Centers	
Birdcage Piano Tuning	Blackhurst, Bert
Board Members Not Salaried	Burbach, Charles
Bridle Strap Inserter	Pealer, William
Calculating Technician, Part IV	Roberts, David
Centerpin Sizes	Krefting, Jack
Cleaning Yellowed Ivory	Doudna, Gary
Correcting Faulty Actions	McKlveen, Ben
Early Pianos and Actions	Greenfield, Jack
Hammer Filing	Rappaport, Priscilla & Joel
Repairing Cracked Plates	Mau, Arthur C.
Replacing Keys in Keyboard	Stopa, Frank
Retirement Insurance Plans	Ross, Eloise M.
Roslau Steel Wire Manufacture	Kruger, Hans J.
Running Pin Coil Maker	Pealer, William
Soundboard Downbearing	Bloch, John
Splendid Profession	Russell, Bob
The "Prepared" Piano Again	Henry, Norman
Tuning Pin Coil Maker	Pealer, William

KEYWORDS:

Acoustics, Actions, Aid for Leveling Sharps, Alcohol to Shrink Centers, Analysis & Correction, Birdcage (Over-Damper), Birdcage Piano Tuning, Board Members Not Salaried, Bridges & Ribs, Bridle Strap Inserter, Bridle Straps, Business, Calculating Technician, Center-Pin, Centerpin Sizes, Cleaning, Cleaning Yellowed Ivory, Corks, Correcting Faulty Actions, down-bearing, Early Piano Actions, Easing, easing flanges, Electric Hammer Resurfacing, Filing, Gadgets, Hammer Filing, History, Insurance, Key Easing, Lubricants and Cleaners, Materials, Other, Parts, piano, Piano Technicians Guild, Pin Coil Makers, Plate Crack Repairs, Polishing, Pride In, programmable calculators, Rebuilding, rebuilding, Regulating, Relationships Within, Repair, repair, Repairing Cracked Plates, Repinning, Replacing Keys in Keyboard, Retirement Insurance Plans, Retirement Plans, Roslau Steel Wire Manufacture, Running Pin Coil Maker, scale evaluation, Soundboard, Soundboard Downbearing, Spacing & Leveling, Splendid Profession, tension formula, The "Prepared" Piano Again, Tighteners, Tools and Equipment, Touch Weight, Tuning, Tuning Pin Coil Maker, Tuning Reparation, Types of Early Pianos, unusual type pianos, Voicing, Wire, Wires

January 1980

CD# 1

Articles

TITLE	AUTHOR
Accidental. Death & Dismemberment. Ins.	Ross, Eloise M.
Altering Wire Scales	Krefting, Jack
Balance Rail Pins	Krefting, Jack
Bass String Replacement	Krefting, Jack
Bridges and False Beats	McVay, James I.
Calculating Technician, Part V	Roberts, David
Chipping	Rappaport, Priscilla & Joel
Developing PTG Leaders	Russell, Bob
Ear Damage In Flying	Feldman, Charles
Escapement Actions	Ellis, James F.
Get Ice Out Of Price	Oliver, Stanley
Maintain Grand Hammerline	Krefting, Jack
Pianos and Actions 1770-1870	Greenfield, Jack
Practice Felt Restoration	Rappaport, Priscilla & Joel
Rib Strength	Krefting, Jack
Rock Concert Tuning Joys	Krefting, Jack
Servicing Older Players	McCall, Raye
Something Old-Something New	Hoskins, Leslie
Soundboard Repairs	Bloch, John
Tuning Pin Extractors	Krefting, Jack
Your PTG Board In Action	Bittinger, Dick

KEYWORDS:

Accident. Death & Dismemberment. Ins., Acoustics, Action, Action Differences, Altering Wire Scales, Antiques, Balance Rail, Balance Rail Pins, Bass String Replacement, Bridges and False Beats, Business, Calculating Technician, Chipping, Developing PTG Leaders, Ear Damage In Flying, Early Piano Escapement, Electronic Calculators, Electronic Tuning Aids, Escapement Actions, False Beats, Felt, Get Ice Out Of Price, Hammer Line, Health & Accident Ins. (Include. Disability, History, Insurance, Maintain Grand Hammerline, Obsolete, Officers Staff Committees, Other, Over-All Tests, P.T. Guild & Music Industry, Parts, Physiology, Piano Actions 1770-1870, Piano Technicians Guild, Pin-Removal Care, Players, Positioning & Boring Hammers, Practice Felt Restoration, Problems, programmable calculators, Rebuilding, Regulating, Restoration (Antiques), Rib Strength, Ribs, Rock Concert Tuning Joys, scale evaluation, Scales, Self Examination, Selling Services, Servicing Older Players, Something Old-Something New, Soundboard Repairs, Spacing, String Replacement & Ordering, String Replacements, tension formula, Theory, Training Programs, Traveling, Tuning, Tuning Pin Extractors, Voicing, Your PTG Board In Action

February 1980

CD# 1

Articles

TITLE	AUTHOR
Action Regulating Jig	McKlveen, Ben
Adhesive Strength	McVay, James I.
Altering Wire Scaler	Krefting, Jack
Approach to Key Leveling	Rappaport, Priscilla & Joel
Calculating Technician, Part VI	Roberts, David
Getting Bearing Readings	Krefting, Jack
Glassing Pinblocks	Krefting, Jack
Grand Damper Lift	Krefting, Jack
Hammer Speed And Tone	Schechter, Mark
Home Pianos	Gieenfield, Jack
Intervals, Scales, Temperaments	Sanderson, Albert E.
Magnetic Tape For Let-Off	Krefting, Jack
Perpetuating The Profession	Kerber, Walter
Restringing Order	Krefting, Jack
Size Of Tuning Pin	Krefting, Jack
Soundboard Installation	Krefting, Jack
Supplemental Group Insurance	Ross, Eloise
Using Tuning Time Well	Robinson, Christopher S.
What Tension Unstringing?	Krefting, Jack
Why Be a Guild Member	Russell, Bob

KEYWORDS:

Acoustics, Action Reconditioning, Action Regulating Jig, Adhesive Strength, Adhesives, Advancement of, Altering Wire Scaler, Approach to Key Leveling, Business, Calculating String Tension, Calculating Technician, Dampers, Down-Bearing, Fitting Pinblock To Plate, Getting Bearing Readings, Glassing Pinblocks, Grand Damper Lift, Hammer Let-Off & Travel, Hammer Speed And Tone, Hammer Striking-Point, History, Home Pianos, Hooks, Insurance, Insurance & Taxes, Intervals, Jigs, Key Easing, Lift Rods, Magnetic Tape For Let-Off, New Soundboard Installation, Other, Parts, Perpetuating The Profession, Piano Technicians Guild, Pitch Changes, programmable calculators, Rails, Rebuilding, Regulating, Repair, Restringing Order, scale evaluation, Scales, Size Of Tuning Pin, Soundboard Installation, Spacing & Leveling, Specially Made Tools, Strain Of The Job, Strength, String Replacement & Ordering, Stringing & Restringing, Supplemental Group Insurance, Temperaments, tension formula, Tension Formulas, Theory, Time Element, Time Over All, Tools and Equipment, Tuning, Tuning Pin Size & Shape, Types of Early Pianos, Using Tuning Time Well, Values, Voicing, What Tension Unstringing?, Why Be a Guild Member, Wires

March 1980

CD# 1

Articles

TITLE	AUTHOR
Beats, What They Are & Why	Berry, Ronald L.
Bridges in Verticals	Krefting, Jack
Calculating Technician, Part VII	Roberts, David
Centerpin Repairs: Zapper	McKlveen, Ben
Committee Performance	Russell, Don
Conducting Small Business	Santy, Don
Damper Upstop Rail Placing	Pettit, Tom
Group Life Insurance	Ross, Eloise
High Risk Tuning Pins	Howell, W. Dean
High Risk Tuning Pins	Howell, W. Dean
Loose Tuning Pins	Krefting, Jack
Polished Brass Finish	Neal, Douglas Ray
Removing Leg Plates	Koford, Herman
Retrospective For 1970s	Huether, Charles P.
Shop Safety	Rappaport, Priscilla & Joel
Snarling Bass Strings	Krefting, Jack
Suggestions RE: Newsletters	Editor
Tips On Ivory Laying	Stopa, Frank
Unisons Too Close?	Kingsbury, Ralph
Universal Strings Prepared	Wiley, John
What Is The P.T. Guild?	Bittinger, Dick

KEYWORDS:

Acoustics, Advancement of, Basis For Tuning, Bass Universal, Beats, Bridges, Bridges in Verticals, Business, Calculating Technician, Casters and Legs, Causes for Loose Pins, Centerpin Repairs: Zapper, Committee Performance, Conducting Small Business, Damper Action, Damper Upstop Rail Placing, Faulty Characteristics, Flanges, Group Life Insurance, Hammer string contact time, High Risk Tuning Pins, Hooks, Inharmonicity, Insurance, Insurance & Taxes, Ivory Replacements, Lift Rods, Loose Tuning Pins, Loudness/sustain factor, Organization, Other, Participation Community Af, Parts, Piano Technicians Guild, Pinblock and Pins, Polished Brass Finish, Problems, Rails, Rebuilding, Refinishing, Regulating, Removing Leg Plates, Retrospective For 1970s, scale evaluation, Shop Safety, Shop Tools & Equipment, Small Business Administration, Snarling Bass Strings, Soundboard Repairs, Suggestions RE: Newsletters, tension formula, Tips On Ivory Laying, Tools and Equipment, Tuning, Tuning Pin Size & Shape, Unisons Too Close?, Universal Strings Prepared, What Is The P.T. Guild?, What They Are & Why, Wires

April 1980

CD# 1

Articles

TITLE	AUTHOR
An Action Saga	Denning, Jeff E.
Being A Good Communicator	Russell, Bob
Birdcage Piano Repairs	Ashmore, Yvonne
Bridle Strap Removal	Anderson, Alan
Broken Pedal Prop Bolts	Knoblock, Mike
Building Membership	Santy, Don
Calculating Technician, Part VIII	Roberts, David
Complete Piano Servicing	Pitsch, David W.
General Attitudes	Santy, Don
Getting New Members	Kerber, Walter
Guitar & Piano Soundboards	Hugh, J.
Heat Shrink Tubing Repairs	Thomas, H. Vince
Lloyd and Boyle's Book Upheld	Jorgensen, Owen
Noises In Pianos	Krefting, Jack
Plastic Elbow	Krefting, Jack
Plugs for Loose Screws	Rappaport, Priscilla & Joel
Recovering Keys	Reichert, Bill
Servicing Player Pianos	McCall, Raye
Sostenuto Regulation	Oliver, Stanley
Soundboard Finish	Krefting, Jack
Tapered Tuning Pins	Krefting, Jack
Tech. Institute Update 1980	Juhn, Ernie
Trimming Fitted Keys	Vagias, Ernest
Tuning Forks	Sewell, Ellen

KEYWORDS:

Acoustics, action preparation, Actions, An Action Saga, Bars, Being A Good Communicator, Birdcage (Over-Damper), Birdcage Piano Repairs, Book Reviews, Bridges & Ribs, Bridle Strap Removal, Bridle Straps, Broken Pedal Prop Bolts, Building Membership, Business, Buzzes, Calculating Technician, Causes for Loose Pins, Complete Piano Servicing, Corks, Elbows, Etc., General Attitudes, Getting New Members, Guitar & Piano Soundboards, Hammer string contact time, Heat Shrink Tubing Repairs, In General, Inharmonicity, Institute of Piano Technology, Key Tops and Fronts, Loudness/sustain factor, Lyre, Membership Outreach, Mending Shanks, Noises, Noises In Pianos, Other, Parts, Pedals, piano, Piano Service In General, Piano Technicians Guild, Plastic Elbow, Players, Plugs for Loose Screws, Preventive Maintenance, Prospects & Promotion, Rebuilding, Recovering Keys, Regulating, Regulation Aims & Scope, Repair, Sanderson's Book Upheld, scale evaluation, Screw tightening, Self-Examination, Servicing Player Pianos, Sostenuto Blade Adjustment, Sostenuto Regulation, Soundboard, Soundboard Finish, Soundboard Refinishing, Tapered Tuning Pins, Tech. Institute Update 1980, tension formula, Trimming Fitted Keys, Tuning, Tuning Forks, Tuning Pin Size & Shape, Voicing, voicing, Wires

May 1980

CD# 1

Articles

TITLE	AUTHOR
After Touch	Pitsch, David W.
Approach To Profit	Dyer, Daniel
Birdcage Tuning	Cady, Mike
Calculating Technician, Part IX	Roberts, David
Center Pin Wear & Pinning	Krefting, Jack
Clarifying Testing Exam	Huether, Charles P.
Economically Speaking	McKlveen, Ben
Key Height Differences	Krefting, Jack
Keyboard Touch Weight	McKlveen, Ben
Learning Equal Temperament	Erlandson, Robert
Plate Bolt Tightening	Krefting, Jack
Professional Obligations	Russell, Bob
Serviceability-Tuneability	Hunt, Newton J.
Soundboard Springs	Bloch, John
The International Scene	Morton, W. Don
The Sling Psychrometer	Ritchie, Harry H.
The Treble Micrometer	Bloch, John
Vertical Dampers Aligned	Krefting, Jack
When Is A Piano Rebuilt?	Rappaport, Priscilla & Joel

KEYWORDS:

Acoustics, After Touch, After-touch, Approach To Profit, Birdcage Tuning, Business, Calculating Technician, Center Pin Wear & Pinning, Clarifying Testing Exam, Damper Spacing Timing Positioning, Economically Speaking, Electronic Tuners, Equal Temperament, Examinations, Exams, General, Inharmonicity, International, Key Height, Key Height Differences, Keyboard Differences, Keyboard Touch Weight, Learning Equal Temperament, Loudness Sustaining Factor, Loudness/sustain Hammer, Micrometers, Nose Bolt Adjustment, Parts, Plate, Plate Bolt Tightening, Preventive Maintenance, Professional Obligations, Professional Responsibility, PTG, Rebuilding, Regulating, Repair, Repinning, scale evaluation, Sea, Serviceability-Tuneability, Small Business Administration, Soundboard Springs, Strings, tension formula, The International Scene, The Sling Psychrometer, The Treble Micrometer, Tools and Equipment, Touch-Weight, Tuneability, Tuning, Tuning Standards, Unusual Type Pianos, Vertical Dampers Aligned, Wages & Economy, wages & economy, When is a Piano Rebuilt?, When Is A Piano Rebuilt?

June 1980

CD# 1

Articles

TITLE	AUTHOR
A Workman And His Tools	Kerber, Walter
Assess Pinblock Condition	Krefting, Jack
Brass Polishing	Fisher, Carol
But You Can Feel it (Fries)	Galt, Don S.
Calculating Technician, Part X	Roberts, David
Capped or Solid Bridges	Krefting, Jack
Cracked Plates	Tittle, Martin B.
Grand Regulation Chart	Pitsch, David W.
Hammer Rest Rail Blocking	Berry, Ronald L.
Harpsichord In Comeback	Editor
How "Rebuilt" is Rebuilt?	Rappaport, Priscilla & Joel
Lubricating Bearing Points	Krefting, Jack
Menke, Edward - A Tribute	Faulkner, William B.
Regulating Rail Adjustment	Nicholson, Steve
Replacing Keystrips Tool	Erlandson, Robert
Replacing Plastic Jacks	Sprinkle, Jack
Start Chapter Newsletter	Truax, Richard
Tighten Underlever Flanges	Cole, Stewart
Vacuum Pumps	McCall, Raye
Value In PTG Convention	Santy, Don
Where Learn Piano Tuning?	Stone, Sidney

KEYWORDS:

A Workman And His Tools, Assess Pinblock Condition, Book Reviews, Brass Polishing, Bridges, Business, But You Can Feel it (Fries), Calculating Technician, Capped or Solid Bridges, Cleaning, Convtns. Conferences Seminars, Counseling Customers, Cracked Plates, damper, Edward - A Tribute, Gadgets, General, Grand Regulation Chart, Grands, Hammer & Hammer Shank, Hammer Rest Rail Blocking, Hammer string contact, Harpsichord, Harpsichord In Comeback, How "Rebuilt" is Rebuilt?, Inharmonicity, Keystrip Replacements, Loudness/sustain factor, Lubricants, Lubricants and Cleaners, Lubricating Bearing Points, Menke, Miscellaneous, Newsletters & Publicity, Other, Parts, Piano Industry, Piano Technicians Guild, Piano Technology Training, Pinblock, Plastic Jack Replacement, Plate Crack Repairs, Player Mechanisms, Player Motors, Polishing, Rebuilding, Regulating, Regulating Rail Adjustment, Regulating Screws & Buttons, repair, Replacing Keystrips Tool, Replacing Plastic Jacks, Revival, Rule Acoustics, Scales, Start Chapter Newsletter, tension formula, Theory, Tighten Underlever Flanges, Tightening Flanges, Tools and Equipment, Tributes To The Living, Vacuum Pumps, Value In PTG Convention, Where Learn Piano Tuning?

July 1980

CD# 1

Articles

TITLE	AUTHOR
Auctioning Rare Pianos	Solis, Cohen Lita
Brazilian Dealers & Tuners	Krefting, Jack
Calculating Technician, Part XI	Roberts, David
Care Placement Tuning Fork	Peters, George
Characteristics of Wood	Krefting, Jack
Checkering File For Tails	
Chipping	Rappaport, Priscilla & Joel
Epoxy Bridge Repair	Ashmore, Yvonne
Foreign Connections	Morton, W. Don
How To Help Our Government	Santy, Don
Muting Technique	Kanter, Jason
Oblong Tuning Pins	Krefting, Jack
Regulation 50 pt. Checklist	Pitsch, David W.
Replacing Pinblock Needed	Krefting, Jack
Satisfaction With Guild	Russell, Bob
Soundboard Rib Termination	Manhart, Hugh J.
Steinway Grand \$300,000	Editor
Testing the Tuning Tests	Hunt, Newton J.
Vertical Hammer Spacing	Erlandson, Robert
What People Say To Tuners	Howard, Roy E.

KEYWORDS:

Acoustics, Antiques, Auctioning Rare Pianos, Bars, Brazilian Dealers & Tuners, Business, Calculating Technician, Care Placement Tuning Fork, Characteristics of Wood, Check Over Entire Piano, Checkering File For Tails, Chipping, Compensation for Inharmonicity, Custom-Made, Epoxy Bridge Repair, Etc., Foreign Connections, Foreign Organizations, Gadgets, Hammer Positioning, How To Help Our Government, Humorous Features, Inharmonicity formula, International, Materials, Miscellaneous, Muting, Muting Technique, Oblong Tuning Pins, Obsolete, Octave-Stretching, Other, Other Foreign, Parts, Piano Industry, Piano Technicians Guild, Pinblock Installation, Pride In, Rebuilding, Regluing Bridge, Regulating, Regulation 50 pt. Checklist, Relationships Within, Replacing Pinblock Needed, Restoration (Antiques), Ribs, Salesmanship, Satisfaction With Guild, scale evaluation, Soundboard Rib Termination, Steinway Grand \$300, Testing the Tuning Tests, Tests By Sections, Tools and Equipment, Tuning, Tuning Forks, Tuning Pin Size & Shape, Vertical Hammer Spacing, What People Say To Tuners, Wood

August 1980

CD# 1

Articles

TITLE	AUTHOR
Calculating Technician, Part XII	Roberts, David
Chipped Plastic Keytops	McKlveen, Ben
Decimal Charts	Foye, Gerald F.
Doctor Of Piano-Forte	Duncan, David R.
Europiano Congress	Rappaport, Priscilla & Joel
Exam Committee Report	Berry, Ronald L.
Fine Tuning	Bradley, Willis J.
Grand Regulation (part 2)	Pitsch, David W.
Heating Gadget	Brown, Jim
IRS-Approved Plans	Ross, Eloise M.
Micrometer Usage	Foye, Gerald F.
Orchestration-Orchestrion	Reblitz, Arthur
Pinning An Abstract	Sewell, Ellen
Pre-Voicing	Saah, Joe
Recapping Bridges	Krefting, Jack
Removing Bass Bridges	McKay, Rhys
Sharpening Chisels, Etc.	
Shop Dimensions	Foye, Gerald F.
Vacuum Pump (Part 2)	McCall, Raye
Voluntary Services of PTG	Santy, Don
What is IAPBT?	Morton, W. Don
Wood Species	Krefting, Jack

KEYWORDS:

Acoustics, Bridge Replacements, Business, Calculating Technician, Care of Tools, Charts, Chipped Plastic Keytops, Continental Europe, Decimal Charts, Doctor Of Piano-Forte, Etc., Europiano Congress, Exam Committee Report, Fine Tuning, Gadgets, Grand Regulation (part 2), Grands, Heating Gadget, Humorous Features, In General, Inharmonicity, Insurance, International, IRS-Approved Plans, Keogh-Simpson Plan, Materials, Micrometer Usage, Micrometers, Nomenclature, Orchestration-Orchestrion, Other, Other Foreign, Over-All Tests, Parts, Piano Industry, Piano Technicians Guild, Pinning An Abstract, Plastics Keytop Replacements, Player Mechanisms, Player Motors, Pre-Voicing, Rebuilding, Recapping Bridges, Regulating, Removing Bass Bridges, Repair Attachments, Repinning, Reports, scale evaluation, Scales, Services Rendered, Sharpening Chisels, Shop Dimensions, Space Requirements, Tables, Theory, Tools and Equipment, Tuning, Vacuum Pump (Part 2), Voicing, Voluntary Services of PTG, What is IAPBT?, Wood, Wood Species, Wound Strings Inharmonicity

September 1980

CD# 1

Articles

TITLE	AUTHOR
Bedding The Back Rail	Krefting, Jack
Calculating Technician, Part XIII	Roberts, David
Grand Regulation (part 3)	Pitsch, David W.
Guarding One's Tools	McKlveen, Ben
Learning To Tune One's Own	Milano, Dominic
Lubricating String Bearing	Kurk, Dennis E.
Professional Responsibility	Glumac, P.K.
Rebuilding Wippens	Jameson, Sally K.
Refastening Vertical Backs	Krefting, Jack
Removable Screwdriver Bit	Carlton, Ben
Spinnet Key Fork Repair	Carlton, Ben
Tighten Balance Rail Bush	Stratton, Willian
Tuning Tests Around 1780	Greenfield, Jack
Vertical Repetition	Krefting, Jack

KEYWORDS:

Acoustics, Back, Balance Rail, Bedding Keyframe, Bedding The Back Rail, Business, Calculating Technician, Care of Tools, Friction Points, Gadgets, Grand Regulation (part 3), Guarding One's Tools, Inharmonicity, Key Repairs, Learning To Tune One's Own, Loose, Lubricants, Lubricants and Cleaners, Lubricating String Bearing, Miscellaneous, Parts, Piano Technology Training, Plate Removal, Professional Responsibility, Rebuilding, Rebuilding Wippens, Refastening Vertical Backs, Regulating, Removable Screwdriver Bit, Removing Excess windings, Repair, scale evaluation, Spinnet Key Fork Repair, Tests By Sections, Tighten Balance Rail Bush, Tools and Equipment, Tuning, Tuning Tests Around 1780, Vertical, Vertical Repetition, Verticals, Voicing, Wippens & Wippen Rail, Wraps for Wound Strings

October 1980

CD# 1

Articles

TITLE	AUTHOR
Calculating Technician, Part XIV	Roberts, David
Creative Tuning	Wicksell, Carl
Grand Regulation Quiz	Krefting, Jack
Ill-fitted Pinblocks	Pitsch, David W.
Install Upright Pinblock	Shapiro, Michael
Leadership Responsibility	Santy, Don
Old English Uprights	Mencher, Steve
Other View Grand Regulating	Merrill, David
Pinblock Fluid Restoration	Lipson, Stanley
Player Daily Call Service	McCall, Raye
Plugging A Pinblock	Krefting, Jack
Replacing Broken String	Peterson, Norman
Square Pianos Another View	Loest, Roland
Stress A Delicate Balance	
Woodpile to Concert Hall	Rappaport, Priscilla & Joel

KEYWORDS:

Acoustics, Actions, Birdcage (Over-Damper), Business, Calculating Technician, Creative Tuning, Filing Broken Strings Gap, Fitting Pinblock To Plate, Fluid Treatment, General Items, Grand Regulation Quiz, History, Ill-fitted Pinblocks, Inharmonicity, Install Upright Pinblock, Leadership Responsibility, Materials, Old English Uprights, Other Treatments, Other View Grand Regulating, piano, Piano Industry, Piano Service In General, Pinblock Fluid Restoration, Pinblock Installation, Player Daily Call Service, Players, Plugging A Pinblock, Production, Professional Responsibility, Rebuilding, Regulating, Repair, Replacing Broken String, scale evaluation, Scales, Square Pianos Another View, Strain Of The Job, Stress A Delicate Balance, string elongation formula, String Replacement & Ordering, Strings, Theory, Tuning, Tuning Standards, Uprights, Wood, Woodpile to Concert Hall, Wound Strings

November 1980

CD# 1

Articles

TITLE	AUTHOR
Appraising For Insurance	McKlveen, Ben
Bass String Making	Rappaport, Priscilla & Joel
Business Aids	
Calculating Technician, Part XV	Roberts, David
Ernie Juhn Golden H. Award	
Grand Regulation (part 4)	Pitsch, David W.
Ivory Cleaning	Cortes, Carlos E.
Key Bushing Clamps	Thomas, Walter
Loose Ribs	Krefting, Jack
Protection For Name, Logo	Russell, Bob
Readying Tuning Tests	Berry, Ronald L.
Refasten Loose Rib Gadget	
Removing Hammer Heads	Krefting, Jack
Soundboard Finishing	Graham, Susan
Taking Pride In Ourselves	Russell, Bob
What Type Lubricants	Krefting, Jack
Why Do People Run For Jobs	Santy, Don

KEYWORDS:

Acoustics, Analysis & Correction, Appraising For Insurance, Award Winners, Bass String Making, Bonding Ribs to Board, Business, Business Aids, Business Guides and Other Aids, chart of formulae, Cleaning, Easing, Equipment Damage Coverage, Ernie Juhn Golden H. Award, Estimates, gadgets, Grand Regulation (part 4), Grands, Hammer string contact time, Inharmonicities, Insurance, Ivory Cleaning, Key Bushing Clamps, Key Bushing Replacement, Legal Matters, Logo, Loose Ribs, Loudness/sustain factor, Lubricants, Lubricants and Cleaners, Other, Parts, Piano Technicians Guild, Polishing, Pride In, Procedure as a Whole, Protection For Name, Readying Tuning Tests, Rebuilding, Refasten Loose Rib Gadget, Regulating, Removing Hammer Heads, Replacing Hammer Heads, Ribs, scale evaluation & modification, Scales, Soundboard Finishing, Soundboard Refinishing, standards, stiffness,, Strain Of The Job, Strings, Taking Pride In Ourselves, Tests By Sections, Theory, tools & equipment, Tuning, What Type Lubricants, Why Do People Run For Jobs

December 1980

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Articles

TITLE	AUTHOR
Art of Finish Repair	Buhl, Richard
Books by and about Dolge	Huether, Charles P.
Bridge Builders	Preuitt, Ernest S.
Calculating Technician, Part XVI	Roberts, David
Chapter Achievement Records	Hawkins, Marshall B.
File Curved With Metal	Koford, Herman
Grand Regulation. Alignments	Pitsch, David W.
Hang Hammers With Titebond	Defebaugh, George
Player Action Removal	McCall, Raye
Progress In Our Profession	Russell, Bob
Soundboard Shimming	Krefting, Jack
String Spacing	Krefting, Jack
Training Apprentices	Rappaport, Priscilla & Joel

KEYWORDS:

Acoustics, Apprenticeship Schools, Art of Finish Repair, Book Reviews, Books by and about Dolge, Bridge Builders, Business, Chapter Achievement Records, Competition, evaluation, File Curved With Metal, General Attitudes, Grand Regulation. Alignments, Grands, Hammer Installation (New Sets), Hammer string contact time, Hang Hammers With Titebond, Inharmonicity, Loudness/sustain factor, Miscellaneous, Piano Technicians Guild, Pin Setting, Player Action Removal, Players, Progress In Our Profession, Rebuilding, Refinishing, Regulating, repair, Scale Calculators, Shims, Soundboard Shimming, spacing, Strain Of The Job, String Spacing, tension formula, Tool Shapes, Tools, Training Apprentices, traveling, Tuning, Voicing

January 1981

CD# 1

Articles

TITLE	AUTHOR
A Glue Called "Hot Stuff"	Welch, Reid
Alignments	Pitsch, David W.
Calculating Technician, Part XVII	Roberts, David
Cost Of Tuning A Piano	Coleman, James W.
Forghead Flashlight Useful	Bruno, Paul
Getting New Members	Preuitt, Ernest S.
Grand Regulation - Jacks	Denning, Jeff E.
Hammer Extractor Gadget	Kolbuss, Walt
Key Dip	Krefting, Jack
Loose Tuning Pins	Krefting, Jack
Parliamentarian's Function	
Plate Nomenclature Quiz	Krefting, Jack
Regulating Jig For Upright	Dodson, Ned
Regulating Square Grands	Loest, Roland
Restoring Upright Actions	Rappaport, Priscilla & Joel
San Francisco Here We Come	Defebaugh, George
Soft Jawed Pliers	Russell, Bob
The 1981 Convention City	Bryant, James G.
The Cost Factor In Tuning	Santy, Don
The Fine Art of Tuning	Coleman, James W.
Turning The Music Loose	Robbins, Lyle W.
Two End Regulating Tool	McKlveen, Ben
Voluntary Service To Guild	Russell, Bob

KEYWORDS:

A Glue Called "Hot Stuff", Acoustics, Action Reconditioning, Adaptations, Adhesives, Alignments, Business, Business Procedures, Causes for Loose Pins, Cost Of Tuning A Piano, Example Scale Evaluation, Forghead Flashlight Useful, Gadgets, General Attitudes, General Regulation, Getting New Members, Grand Regulation - Jacks, Hammer Extractor Gadget, Hammer string, Hot Glues and Pots, Humorous Features, Inharmonicity, Jigs, Key Dip, Loose Tuning Pins, Loudness/sustain factor, Membership Outreach, Minor Over-All Adjustments, Modifications, Nomenclature, Other, Parliamentarian's Function, Parts, Piano Technicians Guild, Plate Nomenclature Quiz, Price Ranges, Rebuilding, regulating, Regulating, Regulating Jig For Upright, Regulating Square Grands, Repair, Repetition Lever and Jack, Replacing Hammer Heads, Restoring Upright Actions, San Francisco Here We Come, Scales, Services Rendered, Sites & Times for Conventions, Soft Jawed Pliers, Special Use Tools, Squares, summary of formulae, Tests By Sections, The 1981 Convention City, The Cost Factor In Tuning, The Fine Art of Tuning, Theory, Tools and Equipment, Tuning, tuning tolerance, Turning The Music Loose, Two End Regulating Tool, Voluntary Service To Guild, Wafers & Ivorine Cement, Wages & Economy, worksheet

February 1981

CD# 1

Articles

TITLE	AUTHOR
Aid To String Replacement	Laravela, Larry
Bass String Twisting	Krefting, Jack
Calculating Technician, Part XVIII	Roberts, David
Call For Letters To Editor	Harmon, Clayton
Escapement and Aftertouch	Pitsch, David W.
Filing Effect On Hammers	Krefting, Jack
Hunnicuttt Tuning Pins	Hunnicuttt, Hiram
PTG and Anti-Trust Laws	Santy, Don
Replacing Console Strings	Krefting, Jack
String Splicing	Staaf, Harold
Tuning Lever Excess Movement	Krefting, Jack
Unusual Noises	Truax, Richard
Upside Down Plate Risks	Krefting, Jack

KEYWORDS:

Acoustics, After-Touch, Aid To String Replacement, Bass String Twisting, Business, Buzzes, Call For Letters To Editor, Early Piano Escapement, Escapement Aftertouch, Etc., Filing, Filing Effect On Hammers, Gadgets, Gauges, Government, Hammer, Hammer Techniques, History, Hunnicutt Tuning Pins, Inharmonicity, Legal Matters, Letters To Editor Other Th, Loudness/sustain factor, Measurements, Noises, Other, Parts, Piano Technicians Guild, Pin Sizes, Pinblock and Pins, Programmable Calculator Programs, PTG and Anti-Trust Laws, Rebuilding, Regulating, Replacing Console Strings, scale evaluation, Shapes, Stress, Stress & Strain, String Replacement & Ordering, String Splicing, tension formula, Theory, Tools, Tools and Equipment, Torque Wrench & Measurers, Tuning, Tuning Lever Excess Movement, tuning pitch change, Twisting, Unusual Noises, Unusual Requirements, Upside Down Plate Risks, Voicing

March 1981

CD# 1

Articles

TITLE	AUTHOR
"Wrinkle Away" Steamer	Bryant, James G.
1981 Convention Delegates	Santy, Don
A Glance At The Past Helps	Krefting, Jack
Action Not Removable	Moon, A. James
Aftertouch Need & Degree	Krefting, Jack
Aluminum Action Rail?	Roberts, David
Calculating Technician, Part XIX	Krefting, Jack
Caster Lubricant	Update Editor
Chapter Information	Krefting, Jack
Chickering Dampers	Ashmore, Yvonne
Glue Pot From Percolator	McKlveen, Ben
Making Successful Career	Update Editor
New Tuning Examination	Reed, Thomas S.
New Tuning Test Questioned	Krefting, Jack
Old Chickering Dampers	Holder, Leopold
Painted Steinway B	Update Editor
PTG Guild Library	Geers, Cliff
Punching-In-Socket Guard	Rappaport, Priscilla & Joel
Replace Hammer Butt Leather	Krefting, Jack
Roaches In Piano	Update Editor
San Francisco Convention	Krefting, Jack
Shape Of Howard Knuckles	Krefting, Jack
Snap Ring Plier For Spoons	Krefting, Jack
Soundboard Wood Function	Greenfield, Jack
Temperament Sequences	Root, Carl
The Olfa Knife	Grittani, Roland
Transfer of Members	Update Editor
Treatment of Ugly Duckling	Evans, Daniel A.
Vertical Damper Spoons	Krefting, Jack
What is a "Concert Tuner?"	Russell, Bob

KEYWORDS:

"Wrinkle Away" Steamer, 1981 Convention Delegates, A Glance At The Past Helps, Acoustics, Action, Action From Frame, Action Not Removable, Action Rails, Action Removal & Replacement, Actions, Adhesives, Advancement of, After-touch, Aftertouch Need & Degree, Aluminum Action Rail?, Aluminum Rails, Analysis & Correction, Business, Caster Lubricant, Chapter Information, Chapter-Chapter Relations, Chickering Dampers, Concert Tuning, Damper, Damper Replacement, Damper Spoons, Damper Springs & Levers, Easing, Electric Hammer Resurfacing, Etc. Control, Examinations, Exams, Filing, Gadgets, Gauges, General, Glue Pot From Percolator, Hammer string, Hot Box, Hot Glues and Pots, Humorous Features, Inharmonicity, interpreting scale evaluation, Knuckles (Grands), Loudness/sustain factor, Lubricants, Lubricants and Cleaners, Making Successful Career, Mice, Minor Repair Tools, Moths, New Tuning Examination, New Tuning Test Questioned, Old Chickering Dampers, Other, Painted Steinway B, Parts, piano, Piano Technicians Guild, Programs, Programs Materials & Activity, PTG, PTG Guild Library, Punching-In-Socket Guard, Rebuilding, Regulating, Relationships Within, Repair, Replace Hammer Butt Leather, Roaches In Piano, Rods, San Francisco Convention, Scale Calculators, Shape Of Howard Knuckles, Sites & Times for Conventions, Snap Ring Pliers For Spoons, Soundboard Materials & Functions, Soundboard Wood Function, Special Interest Pianos & Parts, special use tools, Spoons & Timing, Story Of Development, Strain Of The Job, Technic-Knacks, Temperament Sequences, Temperaments, Tempered Scales, tension formula, Tests By Sections, The Olfa Knife, Theory, Tools, Tools and Equipment, Transfer of Members, Treatment of Ugly Duckling, Tuning, Vermin Control, Vertical Damper Spoons, Voicing, What is a "Concert Tuner?"

April 1981

CD# 1

Articles

TITLE	AUTHOR
"Pencil Problem"	Kurk, Dennis E.
1981 Tech. Cal. Institute	Editor
Alisa Thompson Promoted	Editor
Aubrey Willis "Giver"	Cunningham, Jess
Bar Piano - Honky Tonk Sound	Krefting, Jack
Calculating Technician, Part XX	Roberts, David
Convention Registration	Editor
Cracked Plate Repair	Reineck, Edward A.
Fitting a Pinblock	Rappaport, Priscilla & Joel
Government Protection	Santy, Don
Grand Regulation Procedure	Pitsch, David W.
Interchapter Relationships	Russell, Bob
Let-Off In Player Rinky Tink	Foye, Gerald F.
Player Capstan Screw Tool	McCall, Raye
Player Pouches	Kajkowski, Ken
Repinning Action Centers	Krefting, Jack
Saving Cut Wire Ends	Heismann, Uari
Soapstone As Lubricant	Krefting, Jack
Square Grands In Australia	Schenscher, Karl
Tee Nut For Upright Pedal	Bergan, Paul
Thomas Jefferson Keyboard Technician	Greenfield, Jack
Wicksell, Carl E.	Wicksell, C. & L.

KEYWORDS:

"Pencil Problem", 1981 Tech. Cal. Institute, Acoustics, Alisa Thompson Promoted, Appointments & Honors, Aubrey Willis "Giver", Bar Piano - Honky Tonk Sound, Biographical Accounts, Business, Carl E., composers, Convention Registration, Cracked Plate Repair, etc.), Fitting a Pinblock, Fitting Pinblock To Plate, General Items, Government, Government Protection, Grand Regulation Procedure, Hammer Let-Off & Travel, Handling Precautions & Instruments, History, Inharmonicity, Institute of Piano Technology, Interchapter Relationships, interpreting evaluation, Let-Off In Player Rinky Tink, Loudness/sustain factor., Lubricants and Cleaners, Lyre, Miscellaneous, modification example, Musicians (pianists, Pedals, Piano Technicians Guild, Pianos In Public Places, Plate Crack Repairs, Player Capstan Screw Tool, Player Pouches, Players, Rebuilding, Registrations & Attendance, Regulating, regulating, Relationships Within, Repair, Repinning, Repinning Action Centers, Saving Cut Wire Ends, Scale Bass-Treble Break, Soapstone As Lubricant, Solid, Specially Made Tools, Square Grands In Australia, Squares, Tee Nut For Upright Pedal, tension formula, Theory, Thomas Jefferson Keyboard Technician, Tools and Equipment, Wicksell

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May 1981

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Articles

TITLE	AUTHOR
Above And Beyond For PTG	Stone, Sidney
Certified Tuning Examiners	Editor
Pride In Membership	Russell, Bob
PTG Roster/Directory 1981	Editor
The PTG/AMI Partnership	Santy, Don
Tuning Exam Centers	Editor

KEYWORDS:

Above And Beyond For PTG, Business, Certified Tuning Examiners, Cooperation Or Lack Of It, Examinations, Exams, In Guild And/Or Chapter, Officers Staff Committees, Piano Technicians Guild, Pride In, Pride In Membership, PTG, PTG Roster/Directory 1981, The PTG/AMI Partnership, Tuning Exam Centers

June 1981
 CD# 1
 Articles

TITLE	AUTHOR
A Lantern On The Stern	Galt, Don S.
Appreciation of Guild	Jackendoff, Jim
Books on Piano Technology	Greenfield, Jack
Bylaws Committee Report	Huether, Charles P.
Chickering Blocks 4 Piece	Krefting, Jack
Cooperation Applauded	Neblett, Norman
Cooperation Secret of PTG	Santy, Don
Develop Concept Piano Tone	McKlveen, Ben
Dulcitone Down Striker	Pealer, William
Electric Clock Times Work	Pealer, William
Folding Action Cradle	Foye, Gerald F.
Grand Piano Wobbles	Krefting, Jack
Handling Player Rolls	Manufacturer
Objections To Test System	McKlveen, Ben
OSHA Not A Bad Thing	Shapiro, Michael
Regulation Where Piano Is	Pitsch, David W.
Repinning Action Centres	Gregg, Steve
Review Leverett's "Buying"	Huether, Charles P.
Sensitivity For Piano Work	Tucker, Kirby
Shim Stock Special Use	McKay, Guy
Sostenuto Explained	Rappaport, Priscilla & Joel
Testing Equipment Case	Bittinger, Dick
Tuning Test Upheld	Coleman, James W.
Value of Chapter Letters	Russell, Bob

KEYWORDS:

A Lantern On The Stern, Action Cradles, Appreciation of Guild, Book Reviews, Books on Piano Technology, Business, Business Procedures, Bylaws Committee Report, Chickering Blocks 4 Piece, composers, Constitution & Bylaws, Cooperation Applauded, Cooperation Secret of PTG, Develop Concept Piano Tone, Dulcitone Down Striker, Electric Clock Times Work, Equipment, etc.), Examinations, Exams, Folding Action Cradle, Gadgets, Giving Credit, Grand Piano Wobbles, Handling Player Rolls, In Guild And/Or Chapter, Manuals, Models by Manufacturer, Musicians (pianists, Newsletters & Publicity, Objections To Test System, OSHA Not A Bad Thing, Piano Technicians Guild, Player Rolls, PTG, Rebuilding, Regulating, Regulation Where Piano Is, Repinning, Repinning Action Centers, Restoration, Review Leverett's "Buying", Sensitivity For Piano Work, Shim Stock Special Use, Sostenuto Explained, Sostenuto Uses, Special Interest Pianos & Parts, Strain Of The Job, Structural Repairs, Testing Equipment Case, Testing Tools, Theory, Tone Evaluation, Tools and Equipment, Tuning Test Upheld, Value of Chapter Letters, Voicing

July 1981

CD# 1

Articles

TITLE	AUTHOR
1981 Tech, Institute Program	Defebaugh, George
Adjustable Capo Bar	Krefting, Jack
Burred Damper Spoons	
Epoxy In Timing Pin Holes?	Shapiro, Michael
Goal Reached in Presidency	Russell, Bob
Hammer Rail Left Shift	Mayhercy, K.W.
History Musical Scales	Greenfield, Jack
Install New Keyboard	Krefting, Jack
Jack Adjustment	Pitsch, David W.
Key Regulation	Rappaport, Priscilla & Joel
Knowing The Customer	Monroe, Paul
No Concert Today	Kerber, Walter
PTG Goals Same As Yesterday	Santy, Don
Repair Weak Keys	Krefting, Jack
Restore Gulbransen Player	McCall, Raye
Tool For Hammer Loops	Mayhercy, K.W.
Tool For Key Dip	Muncy, Wade
Tuning Pin Torque	Frederick, R. S.

KEYWORDS:

1981 Tech, Adjustable Capo Bar, Advancement of, Aim & Function, Burred Damper Spoons, Business, Epoxy In Timing Pin Holes?, Gadgets, General Regulation, Getting Along With People, Goal Reached in Presidency, Hammer & Hammer Shank, Hammer Rail Left Shift, History, History Musical Scales, Install New Keyboard, Institute of Piano Technology, Institute Program, Jack, Jack Adjustment, Key Dip, Key Regulation, Key Repairs, Keyboard Differences, Knowing The Customer, No Concert Today, Other, Other Treatments, Parts, Piano Technicians Guild, Players, Pressure Bar, PTG Goals Same As Yesterday, Rebuilding, Regulating, Repair Weak Keys, Restore Gulbransen Player, Scales, Spoons & Timing, Theory, Tool For Hammer Loops, Tool For Key Dip, Tools and Equipment, Tuning Pin Torque

August 1981

CD# 1

Articles

TITLE	AUTHOR
Bridle Strap & Weak Repeat	Gaswell, Alan R.
Considering A Newsletter?	Graham, Susan
Controlled Dissonance	Leob, Gerald E.
Ethics In Our Business	Santy, Don
Humidity Hammer Change	Krefting, Jack
McCann's "Artist Beware"	Shapiro, Michael
Musical Scales of China	Greenfield, Jack
Need Glue Easy To Undo	Block, William L.
Regarding Hearing Loss	McKlveen, Ben
Renuzit Cleans Knuckles	Blatt, Libby
Renuzit Cleans Knuckles	Bratt, Libby
Repair of Broken Ribs	Krefting, Jack
Servicing A Piano	Monroe, Paul
String Replacement	Reed, Vince
Tribute: Henry F. MacConagy	Cunningham, Jess
Tuning With Bird On Head	Foye, Gerald F.
Unstable High Treble	Krefting, Jack

KEYWORDS:

Acoustics, Adhesives, Biographical Accounts, Book Reviews, Bridle Strap & Weak Repeat, Bridle-Straps Wires, Business, Cleaning Processes & Mater, Considering A Newsletter?, Controlled Dissonance, Ethics In Our Business, Hammer Density, Hearing/ Speaking, Humidity Hammer Change, Humorous Features, Inharmonicity, Jack to Knuckle, Lubricants and Cleaners, McCann's "Artist Beware", Musical Scales of China, Nature of Tuning, Need Glue Easy To Undo, Newsletters & Publicity, Over-All Tests, Piano Service In General, Piano Technicians Guild, Pitch Changes, Rebuilding, Regarding Hearing Loss, Regulating, Renuzit Cleans Knuckles, Repair of Broken Ribs, Scales, Servicing A Piano, Shaping Ribs, Standards & Code of Ethics, String Replacement, String Replacement & Ordering, The Ear, Theory, Tribute: Henry F. MacConagy, Tuning, Tuning With Bird On Head, Unstable High Treble, Voicing, Wafers & Ivorine Cement

September 1981

CD# 1

Articles

TITLE	AUTHOR
Answer Fly Fitting Problem	Foye, Gerald F.
Backcheck Adjustment	Krefting, Jack
Birdcage Piano	Krefting, Jack
Council Sessions 1981	PTG Secretary
Europiano Congress 1981	Huether, Charles P.
Goals for the Guild	Stone, Sidney
How Much Voicing?	Krefting, Jack
Musical Scales of China (2)	Greenfield, Jack
Parliamentary Wise	Thompson, Ailsa
Piano Fun	Kornbinder II
Pressures Of Survival	Santy, Don
Pumps Revisited	McCall, Raye
Removing Grand Wippen	McKay, Guy
Setting The Hammer Blow	Pitsch, David W.
String Sizzle	Krefting, Jack
Stripped Let Off Rail	Baker, Liz
The Inner Technician	Graham, Susan
Tool To Bend Repetition. Springs	Jones, Art
Touch Resistance	Krefting, Jack
Tuning Bar Piano	Hopperstad, Jim

KEYWORDS:

Actions, Aim & Function, Answer Fly Fitting Problem, Attachments or Alterations, Backcheck Adjustment, Back-Check Position, Birdcage (Over-Damper), Birdcage Piano, Business, Business Procedures, Buzzes, Constitution & Bylaws, Continental Europe, Council Affairs, Council Sessions 1981, Etc., Europiano Congress 1981, Gadgets, General Attitudes, Goals for the Guild, Hammer Installation (New Sets), Hammer Let-Off & Travel, How Much Voicing?, Humorous Features, International, Music Desks, Musical Scales of China (2), Noises, Non-Traditional. Temperaments, Parliamentary Wise, piano, Piano Fun, Piano Technicians Guild, Player Motors, Pressures Of Survival, Pumps Revisited, Rebuilding, regulating, Regulating, Removing Grand Wippen, Setting The Hammer Blow, Strain Of The Job, String Sizzle, Stripped Let Off Rail, The Inner Technician, Tone Evaluation, Tool To Bend Repetition. Springs, Tools and Equipment, Touch Resistance, Touch Weight, Tuning, Tuning Bar Piano, Voicing, Whippen Removal & Replacement, Zinging

October 1981

CD# 1

Articles

TITLE	AUTHOR
Ancient Scales & Tuning	Greenfield, Jack
Convention Report 1981	Graham, Susan
Customer' Relationships	McKlveen, Ben
Guild Advancement	Preuitt, Ernest S.
Hammer Blow Continued	Pitsch, David W.
Hammer Holder Any Angle	Paulding, Bart
Meet Sidney Stone	Editor
Music In China	Reed, Thomas S.
Muting The Piano	Monroe, Paul
Only Gallows Humor	McKlveen, Ben
Post Convention Tour	Tolbert, Alpha
String Clip Bass Strings	Koford, Herman
Time And Money	Santy, Don
Tribute To Floyd Qualls	Lyons, W. Jesse
Voicing	Krefting, Jack
Your Insurance	Ross, Eloise

KEYWORDS:

Advancement of, Ancient Scales & Tuning, Biographical Accounts, Book Reviews, Business, Convention Report 1981, Council Affairs, Customer Relationships, Customer' Relationships, Gadgets, Guild Advancement, Hammer Blow Continued, Hammer Holder Any Angle, Hammer Let-Off & Travel, History Of Piano, Humorous Features, In General, Insurance, Insurance & Taxes, Meet Sidney Stone, Music, Music In China, Musicians, Muting, Muting The Piano, Nature of Tuning, Only Gallows Humor, Piano Technicians Guild, Post Convention Tour, Regulating, Reports, Selling Services, String Clip Bass Strings, Time And Money, Tools and Equipment, Tribute To Floyd Qualls, Tributes To The Living, Tuning, Voicing, Your Insurance

November 1981

CD# 1

Articles

TITLE	AUTHOR
Apprentice Chapter Exams	Editor
Early Greek Music Scales	Greenfield, Jack
Fire Damage To Keytops	Krefting, Jack
Grand Hammer Replacement	Graham, Susan
Hammer Checking Verticals	Krefting, Jack
Let-Off Dip and Drop	Pitsch, David W.
Membership PTG Life Blood	Cunningham, Jess
Piano Wire and Temperament	Monroe, Paul
PTG Committees 1981-1982	Editor
Puzzles of Inharmonicity	Merrill, David
Repair Stripped Out Screws	Welton, T. Scott
Story Of My Life	Preuitt, Ernest S.
Strides In Fifty Years	Smith, Virgil E.
Tribute To Sidney Brown	Bergan, Paul
Tuning Test Centers	Editor

KEYWORDS:

Acoustics, Action Rails, Advancement of, Apprentice Chapter Exams, Back-Check Position, Biographical Accounts, Book Reviews, Early Greek Music Scales, Examinations, Exams, Fire Damage To Keytops, Grand Hammer Replacement, Hammer Checking Verticals, Hammer Let-Off & Travel, History Of Piano, In Memoriam & Death Notice, Inharmonicities in Temp., Inharmonicity, Key Tops and Fronts, Let-Off Dip and Drop, Lyre, Membership PTG Life Blood, Music, Musicians, Officers Staff Committees, Pedals, Piano Technicians Guild, Piano Wire and Temperament, Prospects & Promotion, PTG, PTG Committees 1981-1982, Puzzles of Inharmonicity, Rebuilding, Regulating, Repair, Repair Stripped Out Screws, Screw tightening, Story Of My Life, Strides In Fifty Years, Tribute To Sidney Brown, Tuning, Tuning Test Centers

December 1981

CD# 1

Articles

TITLE	AUTHOR
A Half Century Of Progress	Smith, Virgil E.
Bench Repair	McKlveen, Ben
Drilling Pinblock	Erickson, Glenn
Evaluating A Piano	Krefting, Jack
Executive Director Report	Santy, Don
Grades of Wire	Krefting, Jack
Greek Music and Scales	Greenfield, Jack
Honoring Bob Burton	Bennett, Mike
Let-Off Method and Gauges	Pitsch, David W.
Making Loop and Eyelet	Rappaport, Priscilla & Joel
Plastic Steamer	
Popularity of Piano	Santy, Don
Questions Re: Tuning Tests	Kurk, Dennis E.
Stapling Hammers	Krefting, Jack
Test Blow Device	Davies, Clair
The China Tour	Stone, Sidney
Thinned Treble Shanks	Krefting, Jack
Why Membership in PTG?	Flegle, Dick

KEYWORDS:

A Half Century Of Progress, Acoustics, Bench, Bench Repair, Business, Coils, Council Affairs, Drilling Pinblock, Estimates, Evaluating A Piano, Examinations, Exams, Executive Director Report, gadgets, Grades of Wire, Greek Music and Scales, Hammer Let-Off & Travel, Hammer Repairs, Hammer Shanks, Honoring Bob Burton, Hot Box, Let-Off Method and Gauges, Loops, Making Loop and Eyelet, Materials, Musical Scales, Piano Technicians Guild, Pianos, Pinblock Boring & Bushings, Pin-Eyes, Plastic Steamer, Popularity of Piano, Popularity Of Piano, PTG, Questions Re: Tuning Tests, Rebuilding, Regulating, Reports, Stapling Hammers, Stool, Story Of Development, Test Blow Device, The China Tour, Thinned Treble Shanks, tools, Tools and Equipment, Touch Weight, Tributes To The Living, Values, Why Membership in PTG?, Wire

January 1982

CD# 1

Articles

TITLE	AUTHOR
Ancient Theatre Acoustics	Greenfield, Jack
China Tour Report	Stone, Sidney
Drugs Vs. Auditory Nerves	Hanitchak, L.H.
Grand Hammer Hanging	Graham, Susan
Grand Jack Replacement	Krefting, Jack
Intervals In Tuning	Monroe, Paul
Is Art Enough?	
Minding Your Own Business	Fox, Lee
Shimming Action Brackets	Krefting, Jack
The Drop	Pitsch, David W.
The Reed Organ	McCall, Raye
Unison Tuning	Krefting, Jack
Who Is Charles P. Huether	Editor

KEYWORDS:

Acoustics, Action Removal & Replacement, Ancient Theatre Acoustics, Biographical Accounts, Business, China Tour Report, Council Affairs, Drop Screws, Drugs Vs. Auditory Nerves, General Acoustics, Grand Hammer Hanging, Grand Jack Replacement, Hammer Drop, Hammer Installation (New Sets), Health, Intervals, Intervals In Tuning, Is Art Enough?, Jack Repairs, Minding Your Own Business, Over-All Tests, P.T. Guild & Music Industry, Piano Technicians Guild, Rebuilding, Reed Organs, Regulating, Self Examination, Shimming Action Brackets, Small Business Administration, Tempered Scales, Tests By Sections, The Drop, The Reed Organ, Tuning, Tuning Standards, Unison Tuning, Who Is Charles P. Huether

February 1982

CD# 1

Articles

TITLE	AUTHOR
Business Sense And Ethics	Schrodt, Kai
Buzzing Strings Repair	Santy, Don
Facing Death	Stone, Sidney
Facing The New Year	Krefting, Jack
Key Dip	Editor
Meet Dan Evans	McKlveen, Ben
Music Desk Problems	Greenfield, Jack
Music In Roman Era	Krefting, Jack
Proper Pinblock Fit	Huether, Charles P.
The Book Of The Piano	Monroe, Paul
Tuning The Octave	

KEYWORDS:

Biographical Accounts, Book Reviews, Business, Business Sense And Ethics, Buzzing, Buzzing Strings Repair, Facing Death, Facing The New Year, General Attitudes, History Of Piano, Key Dip, Meet Dan Evans, Music, Music Desk Problems, Music Desks, Music In Roman Era, Musicians, Octave-Stretching, Piano Technicians Guild, Proper Pinblock Fit, Rebuilding, Regulating, Restoration, Standards & Code of Ethics, The Book Of The Piano, Tuning, Tuning The Octave

March 1982

CD# 1

Articles

TITLE	AUTHOR
Exam Committee	Berry, Ronald L.
From Temperament Down	Monroe, Paul
Greek Music Theory End	Greenfield, Jack
Inharmonicity, Aural Tests	Schulze, Gary
Inharmonicity, Aural Tests	Shulze, Gary
Keys in General	Graham, Susan
Music Industry A Business	Santy, Don
Pianocorder Accessory	Editor
Replacing Wippen Cord	Krefting, Jack
Teamwork In The Guild	Stone, Sidney
The After Touch	Pitsch, David W.
The Well Tempered Clavier	Publisher
Tight Tuning Pins	Krefting, Jack
Traveling Hammers	Krefting, Jack
Valves in Players	McCall, Raye

KEYWORDS:

Acoustics, After-touch, Attachments, Aural Tests, Book Reviews, Compensation for Inharmonicity, Cooperation Or Lack Of It, Electronics, Exam Committee, Examinations, Exams, From Temperament Down, Greek Music Theory End, History Of Piano, Inharmonicity, Keys, Keys in General, Music, Music Industry, Music Industry A Business, Musicians, Octave-Stretching, Order By Sections, Piano Industry, Piano Technicians Guild, Pianocorder Accessory, Pins Jumping, Player Bellows, PTG, Rebuilding, Regulating, Replacing Wippen Cord, Spacing & Traveling Hammers, Teamwork In The Guild, The After Touch, The Well Tempered Clavier, Tight Tuning Pins, Too Tight, Traveling Hammers, Tuning, Valves, Valves in Players, Wippens & Wippen Rail

April 1982

CD# 1

Articles

TITLE	AUTHOR
25th Anniversary. PTG Info.	Editor
Anatomy Of A Business	McKlveen, Ben
Build Damper Guide Rail	Rappaport, Priscilla & Joel
Business Building	Tabachnick, David
Extension Hammer Virtues	Krefting, Jack
Glassing Pinblocks	Russell, Bob
Guild Growth	Santy, Don
Haines Brothers Action	Krefting, Jack
Meet Marshall B, Hawkins	Editor
Meet Richard A.Flegle Sr.	Editor
Piano Tooner, Ph.D.	Hoerlein, Hans
Pride of Association	Preuitt, Ernest S.
Regulating for Aftertouch	Pitsch, David W.
Tetrachord & Scale Origins	Greenfield, Jack
The Technicians Appearance	Crowl, Errol P.
Towards Guild Advancement	Stone, Sidney
Tuning Exams In Question	Kurk, Dennis E.
Unison Tuning Cannot Vary	Monroe, Paul

KEYWORDS:

25th Anniversary. PTG Info., Action Differences, Advancement of, After-touch, Anatomy Of A Business, Aspirations, Biographical Accounts, Book Reviews, Build Damper Guide Rail, Business, Business Building, Care of Tuning Hammer, Convention. Conferences Seminars, Cooperation Or Lack Of It, Damper Action, Development & Success, Examinations, Exams, Extension Hammer Virtues, Fitting Pinblock To Plate, Glassing Pinblocks, Guild Growth, Haines Brothers Action, Hawkins, History Of Piano, Meet Marshall B, Meet Richard A. Flegle Sr., Music, Musicians, P.T. Guild & Music Industry, Ph.D., Piano Technicians Guild, Piano Tooner, Pride In, Pride of Association, PTG, Rebuilding, Regulating, Regulating for Aftertouch, Small Business Administration, Story Of Development, Tetrachord & Scale Origins, The Technicians Appearance, Towards Guild Advancement, Tuning, Tuning Exams In Question, Tuning Standards, Tuning Tolerance, Unison Tuning Cannot Vary

May 1982

CD# 1

Articles

TITLE	AUTHOR
After Touch Misunderstood	Pitsch, David W.
Ancient Music History	Greenfield, Jack
Bedding Back Rail	Williams, Mark
Bylaws Committee Report	Santy, Don
Heads and Tails	Graham, Susan
How The Times Affect Us	Stone, Sidney
Pitch Raising	Monroe, Paul
Player Stack Replacement	McCall, Raye
Pneumatic Recovering Aid	McCall, Raye
Rubber Mountings In Motors	McCall, Raye
Spinet Damper Replacement	Krefting, Jack
The Sound Of Ancient Music	Editor
The Tuning Test	Berry, Ronald L.
Travel Shanks On Brass Rail	Krefting, Jack
Tuning As An Occupation	Chesebrough, Connie
Tuning Unisons	Howell, W. Dean
Tuning Unisons	Jones, Phil
Tuning Unisons	Schultz, Jonathon
Tuning Unisons	Smith, Virgil E.

KEYWORDS:

Action Rails, After Touch Misunderstood, After-touch, Analysis Of, Ancient Music History, Bedding Back Rail, Bedding Keyframe, Book Reviews, Business, Bylaws Committee Report, Constitution & Bylaws, Damper Replacement, Electric Motor Adjustments, Hammer Line, Heads and Tails, How The Times Affect Us, Ivories, Ivory Replacements, Materials, Music Books, Piano Industry, Piano Technicians Guild, Pitch Raising, Player Stack Regulation, Player Stack Replacement, Players, Pneumatic Recovering Aid, Publishers Authors Public Media, Raising Pitch, Rebuilding, Regulating, Rubber Mountings In Motors, Spacing, Spinet Damper Replacement, The Sound Of Ancient Music, The Tuning Test, Travel Shanks On Brass Rail, Traveling, Tuning, Tuning As An Occupation, Tuning Procedure, Tuning Standards, Tuning Unisons, Wages & Economy

June 1982

CD# 1

Articles

TITLE	AUTHOR
Bending Wire Mutes	Berg, Harry
Bridge Pressure Fixture	Blakeny, Laurie
Chipped Ivory Repair	Pettengill, Edward H.
Membership Analyzed	Santy, Don
Monochords & Tuning Forks	Greenfield, Jack
Newsletter Editorship	Editor
Peters, George - A Tribute	Oliver, Stanley
Piano Bench Repair	McKlveen, Ben
Rebuilding Verticals	Krefting, Jack
Saga of an Examinee	Alexander, Wade
Sight-0-Tuner Modification	Weinberger, Richard J.
The Office Of President	Stone, Sidney
Tuner Business Tips	Monroe, Paul

KEYWORDS:

Bench, Bending Wire Mutes, Book Reviews, Bridge Pressure Fixture, Business, Business Procedures, Chipped Ivory Repair, Early Tuning Devices, Electronic Tuners, Examinations, Exams, Functions, General, George - A Tribute, History, In Memoriam & Death Notice, Ivory Replacements, Membership, Membership Analyzed, Monochords & Tuning Forks, Muting, Newsletter Editorship, Participation Community Af, Peters, Piano Bench Repair, Piano Technicians Guild, PTG, Rebuilding, Rebuilding Verticals, Repair, Saga of an Examinee, Sight-0-Tuner Modification, Specially Made Tools, Stool, The Office Of President, Tools and Equipment, Tuner Business Tips, Tuning, Vertical

July 1982
CD# 1
Articles

TITLE	AUTHOR
PTG Directory 1982-1983	Editor
Value Of Our Organization	Preuitt, Ernest S.
What Does PTG Mean To Me?	Stone, Sidney

KEYWORDS:

Officers Staff Committees, Piano Technicians Guild, PTG Directory 1982-1983, Value Of Our Organization, Values, What Does PTG Mean To Me?

August 1982

CD# 1

Articles

TITLE	AUTHOR
Back Check Distance Cont'd	Pitsch, David W.
Bridge and Its Functions	Rappaport, Priscilla & Joel
Early Organ Designs	Greenfield, Jack
Guilds	Santy, Don
Lid Prop Gadget	Koford, Herman
Measuring Wire Sizes	Berry, Ronald L.
Pedal Repairs	Graham, Susan
President's Task	Preuitt, Ernest S.
Profession Or Trade?	Bakker, Kelwin J.
PTG Organizational Chart	Santy, Don
Rebushing Flanges	Krefting, Jack
Setting An Accurate A	Monroe, Paul
Universal Player P Company	McCall, Raye
What Do You Get Out of PTG	Santy, Don

KEYWORDS:

Back Check Distance Cont'd, Back-Check Position, Bridge and Its Functions, Bridge Replacements, Bridges, Business, Early Organ Designs, Functions, Gadgets, Guilds, Guilds & Associations, Handling Precautions & Instruments, History, Lid Prop Gadget, Lids, Lyre, Measuring Wire Sizes, Organization, Organs, Other, Parts, Pedal Repairs, Pedals, Piano Industry, Piano Technicians Guild, Player Mechanisms, President's Task, Profession Or Trade?, PTG Organizational Chart, Rebuilding, Rebushing Flanges, Regulating, Repairing Flanges, Setting An Accurate A, Starting Pitch, The Profession, Tools and Equipment, Tuning, Universal Player P Company, What Do You Get Out of PTG

September 1982

CD# 1

Articles

TITLE	AUTHOR
1982 Tech, Institute Report	Lagoy, Martha
A Rebuilt Piano	Monroe, Paul
Acceptance Speech At PTG	Preuitt, Ernest S.
Early Keyboard Instruments	Greenfield, Jack
Inserts For Lyre Repairs	Harr, Thomas H.
Making Damper Guide Rail	Krefting, Jack
Pinblock Replacement	Krefting, Jack
Polishing Balance Rail Pin	Foye, Gerald F.
Repetition Spring Strength	Pitsch, David W.
Resume of 1982 Conv. Actions	Secretaries
Traveling Jig For Shanks	Davis, Steve
Unisons And Decay Rates	Ellis, James F.
Vertical Rebuilding	Krefting, Jack

KEYWORDS:

1982 Tech, A Rebuilt Piano, Acceptance Speech At PTG, Balance Rail, Damper Action, Early Keyboard Instruments, gadgets, History, Inserts For Lyre Repairs, Institute of Piano Technology, Institute Report, Keyboard Instruments, Lyre, Making Damper Guide Rail, Officers Staff Committees, Pedals, Piano Technicians Guild, Pinblock Installation, Pinblock Replacement, Polishing Balance Rail Pin, Rebuilding, Repetition Spring, Repetition Spring Strength, Reports, Resume of 1982 Conv. Actions, Spacing & Traveling Hammers, tools, Traveling Jig For Shanks, Tuning, Tuning Tolerance, Unisons And Decay Rates, Vertical, Vertical Rebuilding

October 1982

CD# 1

Articles

TITLE	AUTHOR
Administrative Skills	McKlveen, Ben
Altered Equal Temperament	Fairchild, Steve
Blow Distance	Krefting, Jack
Cash in on Your Inferiority Complex	Powers, Helen
Check Key Weight Resistance	Pitsch, David W.
Check Key Weight Resistance	Pitsch, David W.
Corporeal Entity	Preuitt, Ernest S.
Education Back To Basics	Santy, Don
Getting Into The Guild	Banner, Chris
Ill-fitted Pinblock	Krefting, Jack
Loose Balance Rail Pins	Krefting, Jack
Open Pinblock Fitting	Krefting, Jack
Position Of Grand Jacks	Krefting, Jack
Pythagorean Tuning	Greenfield, Jack
Rebuild Gulbransen Motor	McCall, Raye
Salesmanship	Monroe, Paul
Shop Safety And Sanity	Graham, Susan
Silver Anniversary Awards	Editor
String Coil Maker	Haines, Roy
Supporting The Arts	Editor
Types of PTG Membership	Preuitt, Ernest S.
Your Piano & Piano Technician	West, Kjos

KEYWORDS:

Administrative Skills, Advancement of, Altered Equal Temperament, Award Winners, Balance Rail, Blow Distance, Book Reviews, Business, Cash in on Your Inferiority Complex, Check Key Weight Resistance, Classification, Coils, Corporeal Entity, Early Temperaments, Education Back To Basics, Etc., Fitting Pinblock To Plate, Gadgets, Getting Into The Guild, Ill-fitted Pinblock, Jack to Knuckle, Key Dip, Leads, Loops, Loose Balance Rail Pins, Open Pinblock Fitting, P.T. Guild & Music Industry, Piano Technicians Guild, Pin-Eyes, Player Motors, Position Of Grand Jacks, Pythagorean Tuning, Rebuild Gulbransen Motor, Rebuilding, Regulating, Repair, Restoration, Salesmanship, Self Examination, Selling Services, Services Rendered, Shop Safety And Sanity, Shop Set-Ups, Silver Anniversary Awards, Small Business Administration, Springs, Standards & Code of Ethics, String Coil Maker, Structure, Supporting The Arts, Theory, Time Element, Tools and Equipment, Touch Weight, Touch-Weight, Tuning, Types of PTG Membership, Your Piano & Piano Technician

November 1982

CD# 1

Articles

TITLE	AUTHOR
Action Centerpinning	Sprinkle, Paul W.
Brass Flange Repairs	Foye, Gerald F.
Business Building	Bashaw, Philip
Dealers And Technicians	McKlveen, Ben
Hammer Boring	Tremper, Fred W.
Hammer Installation	Krefting, Jack
International Conference	Odenheimer, Fred
Named Steinway President	Meyer, Lloyd W.
Named Vice-Pres. Steinway	Dove, Robert F.
Pinblock Installation	Krefting, Jack
Post Pythagorean Changes	Greenfield, Jack
Pratt-Read Sohmer Combine	Editor
Soundboard Decals	Floyd, R. Errol
Steinway Sostenuto Regulation	Grossman, Matthew R.
The Ed Wood Key Leveler	Wood, Edwin W.
The Unison	Monroe, Paul
Top Bass Bridge Repair	Dege, Ernest
West's "Your Piano---"	Smith, Virgil E.
Yamaha First Music Printer	Editor

KEYWORDS:

Acoustics, Action Centerpinning, Awards Honors Gifts, Book Reviews, Brass Flange Repairs, Business, Business Building, Continuing Brass Flanges, Dealer Relations, Dealers And Technicians, Early Temperaments, Emblem Decals & Name Transfers, Hammer Boring, Hammer Installation, Hammer Installation (New Sets), International, International Conference, Intervals, Key Easing, Named Steinway President, Named Vice-Pres. Steinway, Other Specifics, Ownership And/Or Other Changes, Piano Industry, Pinblock Installation, Post Pythagorean Changes, Pratt-Read Sohmer Combine, Rebuilding, Regulating, Repair, Repair Attachments, Repinning, Selling Services, Sostenuto Blade Adjustment, Soundboard Decals, Spacing & Leveling, Specially Made Tools, Steinway Sostenuto Regulation, The Ed Wood Key Leveler, The Unison, Tools and Equipment, Top Bass Bridge Repair, Tuning, Tuning Tolerance, West's "Your Piano---", Yamaha First Music Printer

December 1982

CD# 1

Articles

TITLE	AUTHOR
Center Pin Imbalance	Krefting, Jack
Check Key Weight Resistance	Pitsch, David W.
Form Follows Function (FLW)	Day, Allan
Giving And Receiving	Preuitt, Ernest S.
Grand Damper System Regulation.	Graham, Susan
Grand Rim Construction	Tittle, Martin B.
Humidity Effects on Tuning	Krefting, Jack
Just Keyboard Tuning	Greenfield, Jack
Key Stop Rail Adjustment	Pitsch, David W.
Key Weight Adjustment	Krefting, Jack
Need For Mutual Concern	Santy, Don
Pinblock Replacement	Denning, Jeff E.
Soundboard Repair	Krefting, Jack
Spring Winding Tool	Foye, Gerald F.
Tuning As A Business	Kerber, Walter
Tuning Stability	Monroe, Paul
Vertical Soundboard Repair	Krefting, Jack

KEYWORDS:

Action Rails, Business, Case and Associated Parts, Center Pin Imbalance, Check Key Weight Resistance, Cooperation Or Lack Of It, Damper Action, Early Temperaments, Flanges, Form Follows Function (FLW), Gadgets, Giving And Receiving, Grand Damper System Regulation., Grand Rim Construction, Humidity Effects on Tuning, Just Keyboard Tuning, Key Stop Rail Adjustment, Key Weight Adjustment, Keystrip Adjustment, Need For Mutual Concern, Other, Parts, Piano Technicians Guild, Pin Setting, Pinblock Replacement, Problems, Rebuilding, Regulating, Restoration, Small Business Administration, Soundboard Repair, Soundboard Repairs, Special Interest Pianos & Parts, Spring Winding Tool, The Public, Theory, Tools and Equipment, Touch Weight, Tuning, Tuning As A Business, Tuning Stability, Vertical Soundboard Repair

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Piano Technicians Guild
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January 1983

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Articles

TITLE	AUTHOR
Action Dolly TV Cart	Thatcher, Walter
Agraffe Alignment	Pealer, William
Al Bianchi In Record Sales	Editor
Bass String Basics	Foye, Gerald F.
Computer Tools For Tuners	Staton, Ted
Conventions A Problem	Santy, Don
Early Temperament	Greenfield, Jack
Grand String Cover	Janes, Robert L.
Rebush & Lube Pedals Etc.	Pitsch, David W.
Restyled Cable Piano	Bailey, Ben
Rice-Macy Piano	Dickey, A. W.

KEYWORDS:

Action Carriers, Action Dolly TV Cart, Agraffe Alignment, Agraftes & Bridge Pins, Al Bianchi In Record Sales, Bass String Basics, Business, Computer Tools For Tuners, Conventions A Problem, Convtns. Conferences Seminars, Early Temperament, Early Temperaments, Grand String Cover, Lyre, Management tool, Other, Over-stringing, Parts, Pedals, Piano Technicians Guild, Rebuilding, Rebush & Lube Pedals Etc., Repair, Restyled Cable Piano, Rice-Macy Piano, Rust & Moisture Removal, Selling Services, Special Interest Pianos & Parts, Special Use Tools, Theory, Tools and Equipment, Tuning

February 1983

CD# 1

Articles

TITLE	AUTHOR
Altered Equal Temperament	Tittle, Martin B.
Common Model Well Temperaments	Editor
Comparisons In Tuning	McKlveen, Ben
Grand Damper Regulation	Pitsch, David W.
Helmholz Soc. Of America	Huether, Charles P.
Late Renaissance Tuning	Greenfield, Jack
Middle Ground In Education	Moonan, William J.
Organizations Need Not Die	Santy, Don
Piano Hides Fugitive	Editor
Repinning Upright Butts	Tabachnick, David
Shimming Soundboards	Krefting, Jack
Spinnet Elbows Removal	Laravela, Larry
Tool For Repetition Spring	Davies, Clair
Vertical Back Construction	Tittle, Martin B.
Watching for Attitudes	Preuitt, Ernest S.

KEYWORDS:

Altered Equal Temperament, Business, Case and Associated Parts, Common Model Well Temperaments, Comparisons In Tuning, Damper Spacing Timing Positioning, Early Temperaments, Easing Flanges, Elbows, Gadgets, General Attitudes, Grand Damper Regulation, Guilds & Associations, Helmholz Soc. Of America, Late Renaissance Tuning, Middle Ground In Education, Non-Traditional. Temperaments, Organizations Need Not Die, Origin & Founders, Other, Over-All Tests, Parts, Piano As Musical Instrument, Piano Hides Fugitive, Piano Technicians Guild, Pianos, Rebuilding, Regulating, Repinning Upright Butts, Sea, Shimming Soundboards, Shims, Spinnet Elbows Removal, The Public, Tool For Repetition Spring, Tools and Equipment, Tuning, Vertical Back Construction, Watching for Attitudes

March 1983

CD# 1

Articles

TITLE	AUTHOR
Adjustable Bridgepin Punch	Mehaffey, Francis
Auxiliary Tuning Devices	Meehan, Joseph A.
Care of Tuning Fork	Hunt, Newton J.
Case & Action Installation	Tittle, Martin B.
Chickering Dampers	Krefting, Jack
Cooperation Abroad	Odenheimer, Fred
Damper Levers of Sostenuto	Pitsch, David W.
Equal Temperament Origin	Greenfield, Jack
Fairchild Altered Temperament	Manley, Steve
Grand Action Swing Cradle	Wilkinson, H.Gene
Helpful Hints	Santy, Don
Install Brass Butt Plates	Hazzard, Nancy
Replace Knuckles	Krefting, Jack
Soundboard Shimming	Krefting, Jack
Steinway and Musicomputer	Editor
The Art Of Development	Preuitt, Ernest S.
Tuning Below Temperament	Monroe, Paul
Use of Wood Screws	Koford, Herman
Work Without Pain	Davies, Clair

KEYWORDS:

Acoustics, Action, Action Cradles, Action Installation, Adjustable Bridgepin Punch, Auxiliary Tuning Devices, Business, Butt Plates, Care of Tuning Fork, Case & Action Installation, Case and Associated Parts, Chickering Dampers, Climatic Considerations, Computers, Cooperation Abroad, Damper, Damper Levers of Sostenuto, Dampers, Electronics, Equal Temperament, Equal Temperament Origin, Fairchild Altered Temperament, Foreign Connections, Grand Action Swing Cradle, Helpful Hints, Hooks, Install Brass Butt Plates, International, Knuckles (Grands), Lift Rods, Materials, Non-Traditional. Temperaments, Order By Sections, Parts, Peculiarities, Rails, Rebuilding, Regulating, Repair, Replace Knuckles, Screws (Wooden), Shims, Shop Tools & Equipment, Sostenuto Blade Adjustment, Soundboard Shimming, Steinway and Musicomputer, Strain Of The Job, Tempered Scales, The Art Of Development, Tools and Equipment, Tuning, Tuning Below Temperament, Tuning Screw Stringer, Use of Wood Screws, Wires, Work Without Pain

April 1983

CD# 1

Articles

TITLE	AUTHOR
Acrosonic Action Removal	McKay, Guy
Adjusting To Change	Preuitt, Ernest S.
Bridge Pin Drill Guide	Bordon, Russell H.
Bridge Pin Drill Guide	Gordon, Russell
Bridge Repair	Krefting, Jack
Continuing Education PTG	McKlveen, Ben
Final Steps in Regulation	Pitsch, David W.
Hammer Felt Manufacture	Tittle, Martin B.
Measuring The Crown	Stewart, A. David
Piano Production Lately	Odenheimer, Fred
Piano Tuning In Bad Times	Santy, Don
Proposed Changes Bylaws	Editor
Restore Veneer On Pinblock	Aanstad, Odd
Social Changes Influence	Greenfield, Jack
Soundboard Analysis	Graham, Susan
Soundboard Cracks Ridges	Nock, Samuel
String Level Damper Seat	Pitsch, David W.
The Full Time Technician	Davies, Clair
Tool For Seating Strings	Haines, Roy
Tuning Stability	Krippenstapel, G.
Two Octave Temperaments	Sanderson, Albert E.

KEYWORDS:

Acrosonic Action Removal, Action, Action Removal & Replacement, Adjusting To Change, Bridge Pin Drill Guide, Bridge Pins, Bridge Repair, Bridges, Bridges & Ribs, Business, Constitution & Bylaws, Continuing Education PTG, Cracks & Bucking, Final Steps in Regulation, Gadgets, Hammer Felt Manufacture, Hammers, Measurements for New Soundboard, Measuring The Crown, Nature of Tuning, Other, Parts, Piano Industry, Piano Production Lately, Piano Technicians Guild, Piano Tuning In Bad Times, Pin Setting, Post-Regulation, Production, Proposed Changes Bylaws, Rebuilding, Regulating, Restore Veneer On Pinblock, Social Changes Influence, Soundboard, Soundboard Analysis, Soundboard Cracks Ridges, Strain Of The Job, String Level Damper Seat, Temperaments Setting, The Full Time Technician, The Profession, Tool For Seating Strings, Tools and Equipment, Tuning, Tuning Stability, Two Octave Temperaments, Veneer, Wages & Economy

May 1983

CD# 1

Articles

TITLE	AUTHOR
Analysis of Piano Tones	Robinson, Christopher S.
Broken String Replacement	Krefting, Jack
Broken String Replacement	Krefting, Jack
Dealing With The Dealer	Davies, Clair
Early Keyboard Patterns	Greenfield, Jack
False Beat String Repair	Krefting, Jack
Hal & Lyne Memorialized	Bryant, James G.
Hammer Making	Tittle, Martin B.
Keytop Wall Tile Cement	Jameson, Sally K.
Piano Appraisals	Meehan, Joseph A.
Reassessing Ourselves	Boshart, Walter
Scraping the Soundboard	Graham, Susan
Selling Or Service	Truitt, William
The Tuner's Tune	Editor
Treble Bridge Installation	Krefting, Jack
Tubby Bass Strings	Krefting, Jack
Tuning Pin and Pinblock	Krippenstapel, G.
Weighing Off Keys	Reed, Thomas S.

KEYWORDS:

Action, Analysis of Piano Tones, Bridge Replacements, Broken String Replacement, Business, Buying & Selling, composers, Dead Bass Strings, Dealer Relations, Dealing With The Dealer, Early Keyboard Patterns, Etc., etc.), False Beat String Repair, False Beats, Hal & Lyne Memorialized, Hammer Making, Hammers, History, In Memoriam & Death Notice, Keytop Removing & Gluing, Keytop Wall Tile Cement, Leads, Musicians (pianists, P.T. Guild & Music Industry, Parts, Piano Appraisals, Piano Industry, Piano Technicians Guild, Pins & Coils, Pitch Changes, Reassessing Ourselves, Rebuilding, Regulating, Scraping the Soundboard, Self Examination, Selling Or Service, Selling Services, Soundboard Refinishing, Springs, String Replacement & Ordering, Teacher & Tech, The Tuner's Tune, Tone Quality, Touch Weight, Treble Bridge Installation, Tubby Bass Strings, Tuning, Tuning Pin and Pinblock, Types of Early Pianos, Voicing, Weighing Off Keys

June 1983

CD# 1

Articles

TITLE	AUTHOR
Bridge Modification	Krefting, Jack
Conducting An Appraisal	Meehan, Joseph A.
Controlling Tone	Robinson, Christopher S.
Controlling Tone	Robinson, Christopher S.
Convention Site Problems	Santy, Don
Equating Ear And Strobe	Baldassin, Rick L.
Flemish Keyboard Instruments	Greenfield, Jack
Kimball Merger	Editor
Loosening Glue On Ribs	Krefting, Jack
Odd Uses Rubber Tubing	Foye, Gerald F.
Piano String Manufacture	Tittle, Martin B.
Prospecting By Phone	Davies, Clair
Setting New Goals In PTG	Preuitt, Ernest S.
The Extra In Piano Service	Jost, Willard H.
Treble Bridge Recapping	Krefting, Jack
Tuning Pin Control	Krippenstapel, G.
Tuning Test Experiment	Winn, Lloyd
What PTG Means To Me	Huether, Charles P.

KEYWORDS:

Adhesives, Aim & Function, Bridge Modification, Bridges, Business, Conducting An Appraisal, Controlling Tone, Convention Site Problems, Electronic Tuning Aids, Equating Ear And Strobe, Estimates, Examinations, Exams, Flemish Keyboard Instruments, Glue Removal, Good-Will Practices, History, Keyboard Instruments, Kimball Merger, Loosening Glue On Ribs, Modifications, Odd Uses Rubber Tubing, Other, Ownership And/Or Other Changes, Parts, Piano Industry, Piano String Manufacture, Piano Technicians Guild, Pianos, Pin Setting, Pride In, Prospecting By Phone, PTG, Rebuilding, Repair Attachments, Research, Selling Services, Setting New Goals In PTG, Sites & Times for Conventions, Strings, The Extra In Piano Service, Tonal Differences of Pianos, Tools and Equipment, Treble Bridge Recapping, Tuning, Tuning Pin Control, Tuning Test Experiment, What PTG Means To Me

July 1983

CD# 1

Articles

TITLE	AUTHOR
Action Pulling Clips	Peele, Mark
Cracked Plate Repair	Krefting, Jack
Cutting Stemmed Hammers	Erlandson, Robert
Discretion in PTG Affairs	Hoff, Robert
English Virginals - Tuning	Greenfield, Jack
Fallboard Installation	Foye, Gerald F.
Gang Filing	Jameson, Sally K.
Jack Adjustments	Graham, Susan
Mutations (Destiny of PTG)	Hoskins, Leslie
Negative Crown	Krefting, Jack
Octaves and Double Octaves	Baldassin, Rick L.
Restringing	Krefting, Jack
Slow Government Response	Santy, Don
String Formulas	Fairchild, Steve
String Tension Study	Evans, Daniel A.
The Appraisal Form	Meehan, Joseph A.
The Hansen Piano	Allen, Eugene G.
Tone Regulating	Robinson, Christopher S.
Upright/Pinblock Separation	Bergan, Paul
Wire Drawing	Tittle, Martin B.

KEYWORDS:

Action Pulling Clips, Analysis & Correction, Business, Charges for Estimates, Cracked Plate Repair, Cutting Stemmed Hammers, Discretion in PTG Affairs, Easing, English Virginals - Tuning, Fallboard Installation, Filing, Gadgets, Gang Filing, Government, Grands, Hammer Installation (New Sets), History, In General, In Guild And/Or Chapter, Jack Adjustments, Jack Positioning, Keyboard Instruments, Loss of Crown, Materials, Mutations (Destiny of PTG), Negative Crown, Octaves and Double Octaves, Octave-Stretching, Opening the Piano, Other Treatments, P.T. Guild & Music Industry, Piano Technicians Guild, Plate Crack Repairs, Rebuilding, Regulating, Restringing, Self Examination, Slow Government Response, Special Interest Pianos & Parts, Squares, String Formulas, String Tension Study, Stringing & Restringing, Tension Formulas, The Appraisal Form, The Hansen Piano, Theory, Tone Regulating, Tools and Equipment, Tuning, Upright/Pinblock Separation, Voicing, Wire, Wire Drawing

August 1983

CD# 1

Articles

TITLE	AUTHOR
Bass String Spinning	Tittle, Martin B.
Bridges and Agraffes	Robinson, Christopher S.
Broken Tuning Lever Shank	Foye, Gerald F.
Business Management	Santy, Don
Convention Update	Santy, Don
Cooperation In The Guild	Preuitt, Ernest S.
Fallboard Lock	Sierota, Walter
Felix Moser Piano	Krefting, Jack
Go Buy The Tool	Davies, Clair
Hammer Flange Rail Core	Graham, Susan
Know Market In Appraisals	Meehan, Joseph A.
Rebuilding Wiener Mechanic	Krefting, Jack
Restranging Pianos	Krefting, Jack
Rochester Aeolian Reopens	Editor
Viennese "Bumping" Action	French, Frank

KEYWORDS:

Action, Actions, Agraffes, Bass String Spinning, Bridges and Agraffes, Broken Tuning Lever Shank, Business, Business Management, Care of Tuning Hammer, Case Hardware & Lacks, Convention Update, Cooperation In The Guild, Cooperation Or Lack Of It, Estimates, Fallboard Lock, Felix Moser Piano, General, Go Buy The Tool, Hammer & Hammer Shank, Hammer Flange Rail Core, Know Market In Appraisals, Other, Over-stringing, Ownership And/Or Other Changes, Parts, piano, Piano Industry, Piano Technicians Guild, Rebuilding, Rebuilding Wiener Mechanic, Repair, Repair Attachments, Reports, Restranging Pianos, Rochester Aeolian Reopens, Small Business Administration, Special Interest Pianos & Parts, String Replacement & Ordering, Theory, Tools and Equipment, Tuning, Unusual Types, Viennese "Bumping" Action

September 1983

CD# 1

Articles

TITLE	AUTHOR
1983 Technical Institute	Helmer, Joe
Agraffe Unusual Repair	Bergan, Paul
Appraisal Formulas	Meehan, Joseph A.
Case Assembly	Krefting, Jack
Duo-Art Roll Alignment	Armstrong, Durrell
Each One Reach One	Huether, Charles P.
Gang Filing	Farrar, Don
Italian Harpsichord Music	Greenfield, Jack
Japan Impressions	Odenheimer, Fred
Mathushek Spinnet Grand	Tittle, Martin B.
Measuring Bearing	Robinson, Christopher S.
Measuring String Height	Foye, Gerald F.
Otto Erwin	Cunningham, Jess
Sang To Marriage Via Piano	Nichols, Bob
Scheer, Larry	Preuitt, Ernest S.
Shank Repair	Minton, L. E.
Soundboard Crack Treatment	Davies, Clair
Thinking Success	Santy, Don
Three Types Of Octaves	Baldassin, Rick L.

KEYWORDS:

1983 Technical Institute, Advancement of, Agraffe Unusual Repair, Agraffes, Appraisal Formulas, Business, Case and Associated Parts, Case Assembly, composers, Cracks & Bucking, Customer Buying (Used), Duo-Art Roll Alignment, Each One Reach One, etc.), Filing, Gang Filing, Hammer Line, In Memoriam & Death Notice, Institute of Piano Technology, International, Italian Harpsichord Music, Japan Impressions, Knowledge of Music, Larry, Mathushek Spinnet Grand, Measuring, Measuring Bearing, Measuring String Height, Mending Shanks, Music Literature, Musicians (pianists, Octave-Stretching, Other, Otto Erwin, Parts, Piano Technicians Guild, Player Rolls, Rebuilding, Regulating, Sang To Marriage Via Piano, Scheer, Shank Repair, Soundboard Crack Treatment, Spacing, Special Interest Pianos & Parts, Strain Of The Job, Theory, Thinking Success, Three Types Of Octaves, Traveling, Tuning, Voicing

October 1983

CD# 1

Articles

TITLE	AUTHOR
Charitable Gifts	Santy, Don
Constructive Criticism	Preuitt, Ernest S.
Dealer Tuner Advantage	Graham, Susan
Early Clavier Music Tuning	Greenfield, Jack
Four Classes Aural Checks	Baldassin, Rick L.
Install Grand Fallboard	LaGoy, Martha
Kimball Action Brackets	Krefting, Jack
Koford Action Carrier	Koford, Herman
Measuring Soundboard Crown	Robinson, Christopher S.
Obsolete Action Repair	Krefting, Jack
Piano Bench Repair	Stout, Clarence P.
Pin Driving Fluid	Sponenburg, Dan
Plate Breakage Insurance	Vagias, Ernest
Time And Help To Appraise	Meehan, Joseph A.
Trouble With Gram Weights	Brady, Steve

KEYWORDS:

Action, Action & Associated Parts, Action Carriers, Antiques, Bench, Breaks, Business, Charitable Gifts, Clavichord, Constructive Criticism, Crown, Dealer Relations, Dealer Tuner Advantage, Early Clavier Music Tuning, Estimates, Four Classes Aural Checks, General Attitudes, History, Install Grand Fallboard, Kimball Action Brackets, Koford Action Carrier, Measuring Soundboard Crown, Obsolete, Obsolete Action Repair, Opening the Piano, Parts, Piano Bench Repair, Piano Industry, Pin Driving Fluid, Pin Tighteners, Plate Breakage Insurance, Re-building, Responsibility For, Restoration (Antiques), Stool, Tests By Sections, The Public, Time And Help To Appraise, Tools and Equipment, Touch Weight, Trouble With Gram Weights, Tuning

December 1983

CD# 1

Articles

TITLE	AUTHOR
A Time For Reflection	Preuitt, Ernest S.
Direct vs Indirect Blow	Krefting, Jack
History of the Fairchild Temperament	Jorgensen, Owen
Muffler Rail Extraction	Hazzard, Nancy
New Executive Director Writes	Parks, Barbara
New Managers PTG	Editor
Rebuild Regulate Jack	Krefting, Jack
Tribute To Don Galt	Burbach, Charles

KEYWORDS:

A Time For Reflection, Action Differences, Appointments & Personnel Changes, Changes, Direct vs Indirect Blow, Early Temperaments, Eulogies & Obituaries, History, History Fairchild Temperaments, Jack, Muffler, Muffler Rail Extraction, New Executive Director Writes, New Managers PTG, Ownership And/Or Other Changes, Piano Industry, Piano Technicians Guild, Rebuild Regulate Jack, Rebuilding, Spinets, Tribute To Don Galt, Tuning

January 1984
 CD# 2
 Articles

TITLE	AUTHOR
1/4 Comma Meantone	Greenfield, Jack
Business Books	
Concert Piano Preparation, Part I, Continuing Education	Brady, Steve
On Pitch	Baldassin, Rick L.
President's Message	Preuitt, Ernest S.
PTA Convention Set	Odenheimer, Fred
The Eclectic's Notebook	Robinson, Christopher S.
The Technical Forum	Heismann, B.
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Minton, L. E.
The Technical Forum	Sewell, Ellen
The Technical Forum	Snell, M.
The Technical Forum, Separable Damper Rail	Nereson, David G.
Truth Will Out	Bebout, Don

KEYWORDS:

1/4 Comma Meantone, Acoustics, Action Parts, analysis of the profession, Aural/electronic, Books, Brass rail, Business, Business Books, Concert preparation, Continuing Education, Conventions, False beat suppresser, False beats, Flanges vertical, Hammer boring vertical, Hammer shanks, Hammers boring verticals, International, Knuckle removal, New Year resolution poem, On Pitch, P.T. Guild & Music Industry, Parts, Piano, Pin Tuning, President's Message, PTA Convention Set, Rail flange, Rail Flange, Rail flange vertical, Rail separable damper vertical, Rebuilding, Regulating, Repair, Scale stick, Screwdriver notched, Self Examination, Springs damper, Springs damper vertical, Technicians, Temperaments, The Eclectic's Notebook, The Technical Forum, Theory, Tools & Equipment, Truth Will Out, tuning, Tuning, Tuning hammer, Vertical, vertical removing

February 1984

CD# 2

Articles

TITLE	AUTHOR
A Bank Robber's Business Philosophy	Parks, Barbara
Another Shattering Experience	Graham, Susan
Business Books	
Concert Piano Preparation, Part II	Brady, Steve
Each One Reach One	Huether, Charles P.
Industry News	
It's The Little Things That Count	Foye, Gerald F.
Meantone Variations	Greenfield, Jack
On Pitch	Baldassin, Rick L.
President's Message	Preuitt, Ernest S.
PTG British Tour	Odenheimer, Fred
Shop Talk	Graham, Susan
Shop Talk	Graham, Susan
Soundboards	Hohf, Bob
The Eclectic's Notebook	Robinson, Christopher S.
The Technical Forum	Evans, Daniel A.
The Technical Forum	Huether, Charles P.
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Minton, L. E.
The Technical Forum	Minton, L. E.
The Technical Forum	Nichols, Bob
The Technical Forum	Tocquigny, Michael
Time... For What?	Hoskins, Leslie

KEYWORDS:

A Bank Robber's Business Philosophy, Action centers repining, Action Parts, Agraffe, Another Shattering Experience, Antiques, Aural/electronic, Baldwin sale, Books, Brass rail, Business, Business Books, complete piano servicing, Concert Piano Preparation, Developing trust & respect, Each One Reach One, Elbows, Flanges Billings, Flanges brass, Flanges Steinway double, gauges, Hammers strike point, Industry News, International, It's The Little Things That Count, Key leveling, Knuckle replacement, Manufacturers, Meantone Variations, Measurements metric, Membership, Multipurpose, New parts, On Pitch, P.T. Guild & Music Industry, Part II, Philosophy, Piano Technicians Guild, pinblock, Plastic parts, Player technicians tools, President's Message, PTG British Tour, Reamers actions centers, Rebuilding, Regulating, Repair, Restoration, Screwdriver notched, Self Examination, Shop Talk, Shopmate bench, Soundboard, Soundboard geometry, Soundboards, spinet console, Staib-Abendschein Action, Technicians, Temperaments, The Eclectic's Notebook, The Technical Forum, Time... For What?, Tools & Equipment, Tour, Tuning, tuning voicing, Vertical

April 1984
CD# 2
Articles

TITLE	AUTHOR
A Case of Poor Repetition, Continuing Education	Brady, Steve
Business Books	
Each One Reach One	Huether, Charles P.
Early Well-Temperaments	Greenfield, Jack
Gadget of The Month	Jameson, Sally K.
International Scene	Odenheimer, Fred
Metric System & Piano Technology	Ellis, James F.
Multipurpose Tool Contest	Gibson, C.
PTG, Technicians Make Valuable Root	Parks, Barbara
Tech Tips	Gordon, R.
Tech Tips	Heismann, B.
The Eclectic's Notebook	Robinson, Christopher S.
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
Tool Idea	Krefting, Jack

KEYWORDS:

Actions, American, Best time to tune, Birdcage Damper Placement, Books, Bridge pin drilling, Bridges pin, Business, Business Books, Continuing Education, Damper spoon replacement, Dampers placement vertical, Dampers spring replacement, Dampers vertical, Dolly action, Each One Reach One, Early Well-Temperaments, Gadget of The Month, Glue injector, Hammers placement, International, International Scene, Key leveling, Key leveling block, Manufacturers, Measurements metric, Membership, Metric System & Piano Technology, Multipurpose Tool Contest, Piano Technicians Guild, PTG, Rebuilding, Regulating, Repair, Repetition, South Africa, Strings bass breakage cause, Strings removal of bent becketts, Tech Tips, Technicians Make Valuable Root, Temperaments, The Eclectic's Notebook, The Technical Forum, Tool Idea, Tools & Equipment, Tuning, Value, Vertical, Vice Grips

May 1984

CD# 2

Articles

TITLE	AUTHOR
Each One Reach One	Huether, Charles P.
Executive Director Message	Parks, Barbara
Gadget of The Month	Ritchie, M.
Grand Hammer Hanging	Geers, Cliff
International Scene	Odenheimer, Fred
On Pitch	Baldassin, Rick L.
Shop Talk	Graham, Susan
Some Key Ideas	Rappaport, Priscilla & Joel
Teaching Pianists About Pianos	Brady, Steve
Tech Tips	Mrykalo, V.
Tech Tips	Waltrip, B.
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Root, Carl
Unusual Piano	Flippin, Don
Well-Tempered Keyboards: Bach & Neidhardt	Greenfield, Jack

KEYWORDS:

Adhesives, Agraffe remover, Andrea, Artist relations, Aural/electronic, Collard and Collard, Composers, Dampers upstop rail, Each One Reach One, education, Emery board, Executive Director Message, Felt cutter, Flanges split, Gadget of The Month, Grand Hammer Hanging, Hammers installation, hot glue, IAPBT, International, International Scene, Johann, Johann Georg, Key broken, Key bushing removal, Mattheson, Membership, Multipurpose, Musicians, Neidhardt, On Pitch, Parts, Pianist, Piano Technicians Guild, Pianos, Professionalism, Rebuilding, Regulating, Repair, Sharing knowledge, Shop Talk, Some Key Ideas, Teacher, Teaching Pianists About Pianos, Tech Tips, Technicians, Temperaments well, The Technical Forum, Titebond, Tools & Equipment, Tuning, Unusual Piano, Well-Tempered Keyboards: Bach & Neidhardt, Werkmeister

June 1984

CD# 2

Articles

TITLE	AUTHOR
A Passion For The Piano by Edith Oringer	Kitchin, R.
A Simple Formula	Venezia, C.
Grand Action Stack	Rappaport, Priscilla & Joel
Grand Action: A multinational Accomplishment	Brady, Steve
International Scene	Odenheimer, Fred
It's The Little Things That Count	Foye, Gerald F.
Later 18th Cent. Music & Tuning In Germany	Greenfield, Jack
On Pitch	Baldassin, Rick L.
Patent it Yourself by D. R. Pressman	
The Eclectic's Notebook	Robinson, Christopher S.
The Technical Forum	Kingsbury, Ralph
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack

KEYWORDS:

18th Century Germany, A Passion For The Piano by Edith Oringer, A Simple Formula, Action brackets seating, Actions evolution, Aural/electronic, Book Review, Dampers placement vertical, Dampers Troubleshooting vertical, Dampers vertical installation, Grand action, Grand Action Stack, Grand Action: A multinational Accomplishment, Hammer installation, Hammer installation vertical, Hammer voicing, Hammers old, History, history, International, International Scene, It's The Little Things That Count, Later 18th Cent. Music & Tuning In Germany, On Pitch, Patent it Yourself by D. R. Pressman, Pianos, Rebuilding, Repair, Schimmel Brochures/Video, Strings formulas, Temperaments, The Eclectic's Notebook, The Technical Forum, Tools & Equipment, Tuning, Vertical, Workbench/regulating bench

July 1984

CD# 2

Articles

TITLE	AUTHOR
Each One Reach One	Huether, Charles P.
Executive Director Message	Parks, Barbara
It's The Little Things That Count	Foye, Gerald F.
Multipurpose Tool Contest	Hart, G.
Music Theory & Tuning in 18th Cent. France	Greenfield, Jack
Music Theory & Tuning in 18th Cent. France	Greenfield, Jack
Music Theory & Tuning in 18th Cent. France	Greenfield, Jack
Shop Talk	Graham, Susan
The Eclectic's Notebook	Robinson, Christopher S.
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The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack

KEYWORDS:

Blanchet, Case polyester finish, Composers, Computers, Couperin, Each One Reach One, Etienne Nicolas Eckard Gottfried Musicians Composers Rameau, Executive Director Message, Francois, Grand, Hammer voicing, Hammers boring Grand, Hammers hard, Harpsichords, Hitch pin stringing tools, It's The Little Things That Count, Jean Jacques, Key plates, Key sharp replacement, Key top replacement, Membership, Multipurpose Tool Contest, Music Theory & Tuning in 18th Cent. France, Music Theory & Tuning in 18th Century, Musicians, Nut drivers, Old parts, Pianists, Piano Technicians Guild, Rebuilding, Regulating, Repair, Repetition, Rousseau, Selling yourself, Shop Talk, Steinway old wippen conversion, Technicians, The Eclectic's Notebook, The Technical Forum, Theory, Tools & Equipment, Tuning, Voicing

August 1984

CD# 2

Articles

TITLE	AUTHOR
18th Cent. Harpsichord Music & Tuning: Italy/England	Greenfield, Jack
Hammers & Music	Isaac, Ari
Heat Treating the Capo d'Asro, The Technical Forum	Grossman, Matthew R.
It's The Little Things That Count	Foye, Gerald F.
Multipurpose Tool Contest	Sponeburg, D.
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Tech Tips	Neie, Gary A.
The Eclectic's Notebook	Robinson, Christopher S.
The Quick & Easy Practice Room Tuning	Lagoy, Martha
The Technical Forum	Dotzek, Dietrich
The Technical Forum	Krefting, Jack
Whipping Whippens Into Shape, Von der Werkstatt	Rappaport, Priscilla & Joel

KEYWORDS:

18th Cent. Harpsichord Music & Tuning: Italy/England, 18th Century Italy & England, Actions, Bass string twister, Capo bar heat treating, Hammers, Hammers & Music, Hammers soft, Herrburger Brooks Vertical, History, It's The Little Things That Count, Key rebushing, Multipurpose Tool Contest, Practice room, Profundity and engagement, Rebuilding, Repair, Sight-O-Tuner case modifications, spinet grommets, Springs damper, Stickers, Strings removal of bent beackets, Tech Tips, The Eclectic's Notebook, The Quick & Easy Practice Room Tuning, The Technical Forum, Theory, Tone, Tools & Equipment, Tuning, Vertical, Voicing, Von der Werkstatt, Wippens grand

September 1984

CD# 2

Articles

TITLE	AUTHOR
Continuing Education, Leg and Lyre Replacement	Brady, Steve
Early Advances In Equal Temperament	Greenfield, Jack
Getting The Organizational Spirit	Hawkins, Marshall B.
It's The Little Things That Count	Foye, Gerald F.
Jobs of The Future	Russell, Bob
Memories of England Scotland & Wales	Odenheimer, Fred
Multipurpose Tool Contest	Genk, B.
Olympic Tuning Tests Tech. Endurance	Reuter, R.
PTG Overseas Tour	Evans, Daniel A.
Reader Comments	Jackson, H.
The Eclectic's Notebook	Robinson, Christopher S.
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Tittle, Martin B.

KEYWORDS:

Actions, Backchecks replacement, Business, Continuing Education, Early Advances In Equal Temperament, Future, Getting The Organizational Spirit, History, International, It's The Little Things That Count, Jobs of The Future, Key bushing removal, Key plates, Keyboard making new, Leg & Lyre replacement grand, Memories of England Scotland & Wales, Multipurpose Tool Contest, Noises finding, Olympic Tuning Tests Tech. Endurance, Olympic tunings, Organization, Piano Technicians Guild, PTG Overseas Tour, Reader Comments, Rebuilding, Repair, Stability, Technicians, Temperaments, The Eclectic's Notebook, The Technical Forum, Tool case, Tools & Equipment, Tour review, Tuning, Vertical

October 1984

CD# 2

Articles

TITLE	AUTHOR
A \$350 Billion Market	Russell, Bob
Continuing Education, Squeaking Shift Pedal	Brady, Steve
Evaluating for Restringing	Graham, Susan
Getting The Organizational Spirit	Hawkins, Marshall B.
International Scene	Odenheimer, Fred
Reader Comments	Macchia, A.
Reader Comments	Sturm, F.
Tech Tips	Hunnicutt, Hiram
The Eclectic's Notebook	Robinson, Christopher S.
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
Transitions in Temperaments	Greenfield, Jack
Tuning in Saudi Arabia	Burkhaller, N.

KEYWORDS:

A \$350 Billion Market, Bridge, Business, case polyester finish removing, Continuing Education, Down bearing, Evaluating for Restringing, Foreign Tuning, Getting The Organizational Spirit, History, IAPBT, International, International Scene, Let-off tape, Marketing, Organization, Pedals shift sluggish, Pedals shift squeaking, Piano Technicians Guild, Pinblock, Rail hammer vertical, Reader Comments, Reamers actions centers depth stop, Rebuilding, Regulating, Repair, Ribs, Screws stripped, Soundboard crown, Strings, Tech Tips, Temperaments, The Eclectic's Notebook, The Technical Forum, Tools & Equipment, Transitions in Temperaments, Tuning, Tuning in Saudi Arabia, Vertical, Workbench/regulating bench

November 1984

CD# 2

Articles

TITLE	AUTHOR
Broken Agraffe Repairs	Bergan, Paul
Contiguous interval Aural Tests	Sanderson, Albert E.
Continuing Education, How I Learned to ...Love the Checklist	Brady, Steve
Cristofori Action	Tittle, Martin B.
Exec. Dir. Message	Parks, Barbara
Getting The Organizational Spirit	Hawkins, Marshall B.
International Scene	Odenheimer, Fred
Isolating Problems	Foye, Gerald F.
Multipurpose Tool Contest	Stone, Sidney
Preferred Temperaments of Bach, Mozart, et al	Greenfield, Jack
President's Message	Huether, Charles P.
Taking the Mystery Out of Tuning	Smith, Virgil E.
Tech Tips	Adams, E.
Tech Tips	Oliver, Stanley
The Technical Forum	Hunnicut, Hiram
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack

KEYWORDS:

Actions, Agraffe repair, Bridges pin drilling, Broken Agraffe Repairs, Checklist, Contiguous interval Aural Tests, Continuing Education, Cristofori Action, et al, Exec. Dir. Message, Getting The Organizational Spirit, Giving thanks, Hammer shank repair gauge, Hammers new vertical, History, International, International Scene, Isolating Problems, Key broken, Key weighting, Manufacturers displays, Mozart, Multipurpose Tool Contest, Organization, Piano Technicians Guild, Preferred Temperaments of Bach, President's Message, Rebuilding, Regulating, regulating, Repair, Repetition, Rule 6" steel, Steinway Balancier, Taking the Mystery Out of Tuning, Tech Tips, Technicians, Techniques, Temperaments, Tests, The Technical Forum, Tools & Equipment, Troubleshooting, Tuning, Tuning pin talc vs. rosin, Vertical, Voicing

December 1984

CD# 2

Articles

TITLE	AUTHOR
Comforting Feeling With Workers' Compensation	Russell, Bob
Continuing Education, The Case of the Percussive Piano	Brady, Steve
Getting The Organizational Spirit	Hawkins, Marshall B.
International Scene	Odenheimer, Fred
Its The Little Things That Count	Foye, Gerald F.
Keeping an Eye On The Future	Russell, Bob
Multipurpose Tool Contest	Patterson, David
On Pitch	Baldassin, Rick L.
Taking The Mystery Out of Tuning	Smith, Virgil E.
The Eclectic's Notebook	Robinson, Christopher S.
The President's Perspective	Huether, Charles P.
The Technical Forum	Bergan, Paul
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	McMenow, E.
Transition to Equal Temperament: Final Stage	Greenfield, Jack

KEYWORDS:

Aural/electronic, Backchecks, Backchecks grand, Brass rail, Business, Capo bar profile, Comforting Feeling With Workers' Compensation, Continuing Education, Finger, flanges, Future, Getting The Organizational Spirit, Guild and work, History, Insurance, International, International Scene, Its The Little Things That Count, Japan & Europe, Keeping an Eye On The Future, Key frame bedding, Key frame/bedding, Lubricants and Cleaners, Multipurpose Tool Contest, On Pitch, Organization, Percussive piano, Piano Technicians Guild, Regulating, Repair, Screws types and sizes, Selling losing points, Taking The Mystery Out of Tuning, Technicians, Temperaments, Temperaments & inharmonicity, The Eclectic's Notebook, The President's Perspective, The Technical Forum, Tools & Equipment, Transition to Equal Temperament: Final Stage, Tuning, Voicing

January 1985

CD# 2

Articles

TITLE	AUTHOR
Anvil Chorus for Technician and Piano	Graham, Susan
Early Music Revival	Greenfield, Jack
Eliminating Action Noise	Krefting, Jack
Looking Backward: Looking Forward	Parks, Barbara
Museum Concentrates on Piano Industry	
On Pitch	Baldassin, Rick L.
Pinblocks Repaired by Epoxy	
Player Tuning Problem	Krefting, Jack
Prepare for Success	Russell, Bob
Teaching Teachers About Their Pianos	Brown, Richard M.
The Case Of The Squeaky Pedals	Brady, Steve
The Health of The Industry	Odenheimer, Fred
The Nature of Change	Huether, Charles P.
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
Tight Action Brackets	Krefting, Jack
Transporting the Action	Foye, Gerald F.
Tuning Checks and Inharmonicity II	Smith, Virgil E.
Upright Damper Adjustment	Krefting, Jack

KEYWORDS:

Action, Action brackets, Action transport, Anvil Chorus for Technician and Piano, Aural/electronic, Beats, Business, Change, Damper lift, Dampers, Early Music Revival, Eliminating Action Noise, Future, Harpsichords, Historical, History, Industry, Inharmonicity, International, Key height grand, Looking Backward: Looking Forward, Museum Concentrates on Piano Industry, Noises, On Pitch, Pedals, Piano Industry, Piano Technicians Guild, Pianos, Pinblock, Pinblocks Repaired by Epoxy, Pins bridge, Player piano, Player Tuning Problem, Prepare for Success, Purpose, Rebuilding, Regulating, Repair, Success, Teacher relations, Teaching Teachers About Their Pianos, Tear-down, The Case Of The Squeaky Pedals, The Health of The Industry, The Nature of Change, The Technical Forum, Tight Action Brackets, Tools & Equipment, Transporting the Action, Tuning, Tuning Checks and Inharmonicity II, Upright Damper Adjustment

February 1985

CD# 2

Articles

TITLE	AUTHOR
Adequate IRS Records	Russell, Bob
Brass Rail Repair Clips	Farrar, Don
Conventions in Europe	Odenheimer, Fred
File	Graham, M.
Food For Thought	Robinson, Christopher S.
Getting the Organizational Spirit	Hawkins, Marshall B.
Heave Ho!	Graham, Susan
Let's Not Be Too Professional	Parks, Barbara
Return to Historical Instruments & Temperaments	Greenfield, Jack
Spinnet Sticker Retention	McNerney, M.
Spoon Benders	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
Tuning Stability	Jameson, Sally K.
Wanted: Future Washingtons and Lincolns	Huether, Charles P.

KEYWORDS:

Action Parts, Adequate IRS Records, Brass Rail Repair Clips, Business, Computer measurement, Conventions, Conventions in Europe, File, Food For Thought, Getting the Organizational Spirit, Heave Ho!, History, International, Key dip grand (noise), Leadership, Let's Not Be Too Professional, Multipurpose, Organization, Piano Technicians Guild, Plate removal, Professionalism, Rail brass, Rebuilding, Regulating, Repair, Return to Historical Instruments & Temperaments, Spinnet Sticker Retention, Spinnet stickers, Spoon benders, Spoon Benders, Spoons, Stability, Steinway action parts new, Taxes, Temperaments, The Technical Forum, Tools & Equipment, Tuning, Tuning Stability, Voicing, Wanted: Future Washingtons and Lincolns

March 1985

CD# 2

Articles

TITLE	AUTHOR
A Moving Experience	Robinson, Christopher S.
A Simple Task	Parks, Barbara
Acoustics of Piano - A Bibliography	Greenfield, Jack
Integration of Aural And Electronic Tuning	Baldassin, Rick L.
Low Bid	Tremper, Fred W.
March Madness	Huether, Charles P.
Multipurpose Tools	Krefting, Jack
Saga Of A Concert Tuning	Pettengill, Edward H.
Taking the Plunge!	Hawkins, Marshall B.
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
Tightening Plate Bolts	Foye, Gerald F.
Time Management	Smit, Robert
Wedging Soundboards	Krefting, Jack

KEYWORDS:

A Moving Experience, A Simple Task, Acoustics, Acoustics of Piano - A Bibliography, Aural/electronic, Bibliography, Business, Concert, General, Hammers Traveling, Health & Safety, Humor, Integration of Aural And Electronic Tuning, March Madness, Membership, Moving, Moving pianos, Multipurpose Tools, Piano square tone, Piano Technicians Guild, Pianos, Plate bolts, Pyra-Intonator, Rebuilding, Regulating, Repair, Saga Of A Concert Tuning, Soundboard, Taking the Plunge!, The Technical Forum, Tightening Plate Bolts, Time Management, Time management, Tools & Equipment, Tuning, Wedging Soundboards

April 1985

CD# 2

Articles

TITLE	AUTHOR
Acoustics of Piano - A Bibliography	Greenfield, Jack
All About Adhesives, Part I, History, Bonding Theory	Fandrich, Delwin
Behind The Vertical Piano	Foye, Gerald F.
Believing in Ourselves	Hoskins, Leslie
Dowel Tool	Morris, B.
End of Acoustic Piano Market by 1990	Russell, Bob
Is The Blind Tuner Disappearing?	Oliver, Stanley
Launching a New Era	Huether, Charles P.
Let's Not Rest On Our Laurels	Hawkins, Marshall B.
Modified Hypodermic Needle	Krefting, Jack
Taking a Good Look at PTG	Boshart, Walter
Tech Tips	Krefting, Jack
The Health of the Industry	Parks, Barbara
The International Scene	Odenheimer, Fred
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack

KEYWORDS:

Acoustics, Acoustics of Piano - A Bibliography, Adhesives, advancement, Becket remover, Behind The Vertical Piano, Believing in Ourselves, Bibliography, Bonding Theory, Bridge notching, Bridle straps, Damper guide rail, Dowel Tool, End of Acoustic Piano Market by 1990, Exams, Future, Glues, History, Is The Blind Tuner Disappearing?, Launching a New Era, Let's Not Rest On Our Laurels, Manufacturers, Modified Hypodermic Needle, Multipurpose, NAMM report, Natural, New, Noises, Oiler, Organization, P.T. Guild & Music Industry, Piano Industry, Piano Technicians Guild, Rebuilding, Repair, Self Examination, Soundboard, Taking a Good Look at PTG, Tech Tips, Technicians, The Health of the Industry, The International Scene, The Technical Forum, Tools & Equipment, Visually impaired

May 1985

CD# 2

Articles

TITLE	AUTHOR
A Worksheet from Europe	Odenheimer, Fred
Action In The Rough	Graham, Susan
Agraffes	Foye, Gerald F.
All About Adhesives, Part II	Fandrich, Delwin
Bottom Board Repair	Nereson, David G.
Computer For The Sightless Technician	Hassig, Richard
Damper Height Adjustment	Theriault, M.
Duo-Art Tubing Scheme	Manhart, et al
Filing Pinblocks	Hassig, Richard
Multipurpose Tools	Howell, W. Dean
On Creativity	Parks, Barbara
Pinblock Drilling Equipment	Krefting, Jack
Tech Tips	Nereson, David G.
Tech Tips	Nereson, David G.
Tech Tips	Swinney, S
The Future of Our Logo	Huether, Charles P.
The Medicis and Italian Music	Greenfield, Jack
Vacuum Cleaner Improvement	Nereson, David G.

KEYWORDS:

A Worksheet from Europe, Action In The Rough, Adhesives, Agraffes, All About Adhesives, Bottom Board Replacement, Bridle strap inserter, Business, Case, Computer For The Sightless Technician, Computer talking, Creativity, Damper Height Adjustment, Dampers, Dehumidifier pin inserter, Duo-Art Tubing Scheme, Filing Pinblocks, History, International, Italian, Logo, Multipurpose Tools, Music, On Creativity, Part II, Parts, Pedal pivot pin inserter, Piano Technicians Guild, Pianos, Pinblock, Pinblock Drilling Equipment, Player piano, Rebuilding, Regulating, Repair, Repair worksheet, Rough, Synthetic, Tech Tips, The Future of Our Logo, The Medicis and Italian Music, Tools & Equipment, Vacuum cleaner, Vacuum Cleaner Improvement, Wire bending, Worksheet vertical

June 1985
CD# 2
Articles

TITLE	AUTHOR
A Threat from a New Technology	Parks, Barbara
Action Transporter/Workbench	Keller, B.
Cristofori's Start in Florence	Greenfield, Jack
It's The Little Things That Count	Foye, Gerald F.
Plate In/Out Guide Dowels	Balamut, B.
Seminar and Denver Charter	
Servicing (Not Ignoring) Agraffes	Robinson, Christopher S.
Shanks Clicking on Staccato Blow	Krefting, Jack
String Angle At Coil	Bullock, W.
Symmetry of Hammer Felt	Krefting, Jack
Tell Them Charlie Sent You	Huether, Charles P.
Ten-inch Tweezer Uses	Foye, Gerald F.
The Center of the Action	Hawkins, Marshall B.
The Fortuitous Glue Collar Worker	Patterson, David
Thick Plate	Krefting, Jack

KEYWORDS:

A Threat from a New Technology, Action Parts, Action transport/workbench, Action Transporter/Workbench, Agraffes, Bartolomeo, Beats false, Business, Convention, Convention. Conf. Seminars Wo, Cristofori, Cristofori's Start in Florence, Felt hammer, History, It's The Little Things That Count, Noises, Opportunities, Organization, Piano Industry, Piano Technicians Guild, Plate, Plate In/Out Guide Dowels, Rebuilding, Regulating, Repair, Reputation, Seminar and Denver Charter, Servicing (Not Ignoring) Agraffes, Shanks, Shanks Clicking on Staccato Blow, String Angle At Coil, Strings, Symmetry of Hammer Felt, Technicians, Technologies new, Tell Them Charlie Sent You, Ten-inch Tweezer Uses, The Center of the Action, The Fortuitous Glue Collar Worker, Thick Plate, Tools & Equipment, tools & equipment, Tuning, Tweezers, Uniqueness

July 1985
CD# 2
Articles

TITLE	AUTHOR
All About Adhesives, Part III, The Mechanics of Adhesive Bonding	Fandrich, Delwin
Backchecks	Graham, Susan
Cost of Living Adjustment	Russell, Bob
Cristofori Builds The First Piano	Greenfield, Jack
Misaligned Wippens	Krefting, Jack
Multi-purpose Rib Clamp	Donelson, James
Planning Your Trip To Overseas Factories	Odenheimer, Fred
Plate Suspension Systems & Downbearing	Lowell, Tom
Proto #5244 Plate Screw Bit	Tittle, Martin B.
Self-Adjusting Vice-Grips	Farrar, Don
Self-Improvement	Burbach, Charles
Tools Made From Stickers	Hoffsommer, C.
Trapwork	Krefting, Jack
Tuning Instability	Foye, Gerald F.
Why Do I Belong?	Hawkins, Marshall B.

KEYWORDS:

Action Parts, Adhesives, Backchecks, Bartolomeo, Bonding, Business, Clamp, Cost of Living Adjustment, Costs, Cristofori, Cristofori Builds The First Piano, Factories, History, International, Membership, Misaligned Wippens, Multipurpose, Multi-purpose Rib Clamp, P.T. Guild & Music Industry, Piano Technicians Guild, Planning Your Trip To Overseas Factories, Plate, Plate Suspension Systems & Downbearing, Pliers, Proto #5244 Plate Screw Bit, Rebuilding, Regulating, Screwdrivers, Self Examination, Self-Adjusting Vice-Grips, Self-Improvement, Stability, The Mechanics of Adhesive Bonding, Tools & Equipment, Tools Made From Stickers, Trapwork, Tuning, Tuning Instability, Why Do I Belong?, Wippens

August 1985

CD# 2

Articles

TITLE	AUTHOR
Action Replaced With Broken Bridles	Giandalone, J.
Conrad Graf - Beethoven's Piano Builder	Swenson, Edward
Contemporary Journalists Report	Greenfield, Jack
Contest	Krefting, Jack
Failing to Plan is Planning to Fail	Hawkins, Marshall B.
How To Get to the Bottom Line	Blees, Willem
Modified Mute	Hansen, G.
Our Organization Is Many Things	Huether, Charles P.
Partnerships	Heikkinen, D.
Rusty Strings	Krefting, Jack
Surgical Flashlight	Milgraum, R.
Tight Action Brackets	Hansen, C.
Trapwork	Krefting, Jack
Vertical Pinblock Replacement	Reblitz, Arthur
What's New	Pettingill, Edward H.

KEYWORDS:

Action Replaced With Broken Bridles, Bartolomeo, Brackets, Bridle straps, Business, Conrad, Conrad Graf - Beethoven's Piano Builder, Contemporary Journalists Report, Contest, Cristofori, Failing to Plan is Planning to Fail, Fees, Filing paddles carbide metal, Graf, History, How To Get to the Bottom Line, Lighting, Modified Mute, Multipurpose, Mutes, Organization, Our Organization Is Many Things, Partnerships, Piano Technicians Guild, Pinblock, Planning, Rebuilding, Regulating, Repair, Rusty Strings, Strings, Surgical Flashlight, Tight Action Brackets, Tools & Equipment, Trapwork, Vertical Pinblock Replacement, What's New

September 1985

CD# 2

Articles

TITLE	AUTHOR
A lesson in World Understanding Contest	Parks, Barbara
Cristofori's Initial Piano Design	Krefting, Jack
Hammer Needling	Greenfield, Jack
It's The Little Things That Count	Krefting, Jack
Piano Technicians Foundation	Foye, Gerald F.
Reader Comments	Huether, Charles P.
Reconditioning the Grand Action	McKay, R.
The Center Pedal	Graham, Susan
	Krefting, Jack

KEYWORDS:

A lesson in World Understanding, Bartolomeo, Contest, Cristofori, Cristofori's Initial Piano Design, Foundation, Hammer Needling, History, IAPBT, International, It's The Little Things That Count, Multipurpose, Needling, Pedal, Piano Technicians Foundation, Piano Technicians Guild, Plate, Reader Comments, Rebuilding, Reconditioning, Reconditioning the Grand Action, Regulating, Repair, sostenuto, The Center Pedal, Tools & Equipment, Voicing, Warpage

October 1985

CD# 2

Articles

TITLE	AUTHOR
All About Adhesives, Part IV, Epoxies: Aunt Matilda's Teacup	Fandrich, Delwin
An Opportunity to Evaluate our Progress	Parks, Barbara
Conventions and More	Odenheimer, Fred
Crisiofori's Soundboard Design	Greenfield, Jack
Downbearing	Krefting, Jack
Getting The Organizational Spirit	Hawkins, Marshall B.
It's The Little Things That Count	Foye, Gerald F.
Our New Tests	Huether, Charles P.
Pre-filing Hammers	Krefting, Jack
Rib Clamp Warning	Reblitz, Arthur
Source of Drill Press For Pinblocks	
The Cost of Advertising	Blees, Willem

KEYWORDS:

Adhesives, An Opportunity to Evaluate our Progress, Bartolomeo, Business, Clamp, Conventions and More, Costs, Crisiofori's Soundboard Design, Cristofori, Directory, Downbearing, Drill, Epoxies: Aunt Matilda's Teacup, Epoxy, Exams, Getting The Organizational Spirit, Hammer Filing, History, IAPBT, International, It's The Little Things That Count, Leads key leveling, New, Organization, Our New Tests, Piano Technicians Guild, Pre-filing Hammers, Rebuilding, Rib Clamp Warning, Source of Drill Press For Pinblocks, The Cost of Advertising, Tools & Equipment

November 1985

CD# 2

Articles

TITLE	AUTHOR
Electronic Tuning Hints	Joslyn, E.
Facts Figures and a Little Whimsy	Parks, Barbara
Humidity vs. Downbearing	Minton, L. E.
It's The Little Things That Count	Foye, Gerald F.
Loose Pedal Pin	Rush, R.
New Tests Bring New Responsibilities	Huether, Charles P.
No Volume In Top Octave	Krefting, Jack
Paraffin On Keybed	Krefting, Jack
Pieces of String Too Short to Use	Graham, Susan
Player Piano Servicing and Rebuilding by Arthur Reblitz	McCall, Raye
Politics and Music in Florence	Greenfield, Jack
Priorities	Robinson, Christopher S.
Reader Comments	Landis, H.
Stanley #84358 Leverwrench	Graeber, P.
String Breakage	Krefting, Jack
Tech Tips	Krefting, Jack
The International Scene	Odenheimer, Fred
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Third Side of The Triangle	Hawkins, Marshall B.
Two Handy Tools	Hassig, Richard

KEYWORDS:

Action Parts, Bartolomeo, Book Review, Business, Cristofori, Customer-dealer Relations, Directory, Downbearing, Electronic, Electronic Tuning Hints, Exams, Factories, Facts Figures and a Little Whimsy, Future of, Handel, Heat glue, History, Humidity vs. Downbearing, International, It's The Little Things That Count, Keybed, Lever wrench, Loose Pedal Pin, Materials, Micrometer Braille, New Tests Bring New Responsibilities, No Volume In Top Octave, Paraffin On Keybed, Pedals, Piano Industry, Piano Technicians Guild, Pianos, Pieces of String Too Short to Use, Player piano, Player Piano Servicing and Rebuilding by Arthur Reblitz, Politics and Music in Florence, preshrinking, Priorities, Punchings, Punchings preshrinking, Reader Comments, Rebuilding, Repair, Stanley #84358 Leverwrench, String Breakage, Strings, Tech Tips, Temperaments, The International Scene, The Technical Forum, The Third Side of The Triangle, Tone, Tools & Equipment, Top Octave, top octave, Tuning, Two Handy Tools, Voicing, Wrench

December 1985

CD# 2

Articles

TITLE	AUTHOR
A Busy Year	Huether, Charles P.
A New Equidistant 12-Tone Temperament	Kolinski, M
A New Equidistant 12-Tone Temperament by Mieczyslaw Kolinski	
Are Your Competitors a Problem or Blessing?	Heikkinen, D.
Choosing A Computer	Hunt, Newton J.
Crisiofori's Last Work & His Successors	Greenfield, Jack
Diversification Is Key In Changing Times	Smit, Robert
Getting The Organizational Spirit	Hawkins, Marshall B.
It's The Little Things That Count	Foye, Gerald F.
Key Plates Falling Out	Krefting, Jack
Key Rebushing	Krefting, Jack
Reader Comments	Johnson, C.
Temperament Strip Anecdote	Ott, M.
The New Tuning by Lucas Mason	Wright, Allen
The Technical Forum	Krefting, Jack
Using The Accu-Fork	Hassig, Richard

KEYWORDS:

A Busy Year, A New Equidistant 12-Tone Temperament, A New Equidistant 12-Tone Temperament by Mieczyslaw Kolinski, Accu-Fork, Are Your Competitors a Problem or Blessing?, Bartolomeo, Book Review, Business, Choosing A Computer, Competitors, Computers, Crisiofori's Last Work & His Successors, Cristofori, Diversification, Diversification Is Key In Changing Times, General, Getting The Organizational Spirit, History, It's The Little Things That Count, Key, Key Plates Falling Out, Key rebushing, Key Rebushing, Membership, Mutes, Piano Technicians Guild, Pitch, Reader Comments, Rebuilding, Repair, Resultant tones, Temperament Strip Anecdote, Temperaments, The New Tuning by Lucas Mason, The Technical Forum, Tool case, Tools & Equipment, Tuning, Using The Accu-Fork

January 1986

CD# 2

Articles

TITLE	AUTHOR
An Educational Resolution	Huether, Charles P.
Cristofori Piano Use	Greenfield, Jack
Geometry & Mechanics of Downbearing Made Easy	Lowell, Tom
Photographs Optional	Parks, Barbara
Planning Your Trip to Europe	Odenheimer, Fred
PVC Pipe As A Clamp	Berryhill, D.
Reader Comments	Gallaway, K.
Repair And Replacement of Bridges	Stuart-Vail, Rob
Survival	Russell, Bob
The Art of 'Unsalesmanship'	Graham, Susan
The Right Moves	Hassig, Richard
The Technical Forum	Krefting, Jack
The Technical Forum	Sciortino, Joe

KEYWORDS:

Action Parts, An Educational Resolution, Bartolomeo, Bridge, Business, Clamp, Cooperation, Cristofori, Cristofori Piano Use, Customer Relations, Damper action alignment, Domenico, Downbearing, Education, Estimates, Europe, Geometry & Mechanics of Downbearing Made Easy, Hammer hanging jig, History, International, Manufacturers, Photographs Optional, Piano Industry, Piano Technicians Guild, Planning Your Trip to Europe, PVC Pipe As A Clamp, Reader Comments, rebuilding, Rebuilding, Regulating, Repair, Repair And Replacement of Bridges, Scarlatti, Self-evaluation, Stability, Survival, The Art of 'Unsalesmanship', The Right Moves, The Technical Forum, Theory, Tools & Equipment, Tuning

February 1986

CD# 2

Articles

TITLE	AUTHOR
A New Use for An Old Temperament	Fandrich, Delwin
Abrasives, Part I, What kind of Sandpaper Did you use?	Huether, Charles P.
Anatomy of a Meeting	Odenheimer, Fred
Appeals From Overseas	Hassig, Richard
Cleaning Soundboards	Greenfield, Jack
Cristofori Pianos That Survived	Parks, Barbara
I Understand What I Think You Said But	Sanderson, Albert E.
Intervals, Scales, Temperaments	Hawkins, Marshall B.
Put Your Heart Into It!	Quint, Richard
Searching for Our History	Dockrill, Brian
Seasoning of Timber	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Ressler, Daniel
Tuning Procedures, Part I	

KEYWORDS:

A New Use for An Old Temperament, Abrasives, Acoustics, Anatomy of a Meeting, Appeals From Overseas, Bartolomeo, Beats counting, Board, Business, Cleaning Soundboards, Cloth/metal, Communication, Cristofori, Cristofori Pianos That Survived, General, Hammer technique, Hardware, History, I Understand What I Think You Said But, International, Intervals, Materials, Musical Scales, Noises, Organization, Part I, Parts, Piano Technicians Guild, Put Your Heart Into It!, Rebuilding, Sandpaper, Scales, Searching for Our History, Seasoning of Timber, Soundboard, Stability, Temperaments, Temperaments Kirnberger #2, The Technical Forum, Timber seasoning, Tools & Equipment, Tuning, Tuning Procedures, What kind of Sandpaper Did you use?

March 1986

CD# 2

Articles

TITLE	AUTHOR
Concerts: Rock to Symphony	Hassig, Richard
Cristofori Actions & Other Design Details	Greenfield, Jack
Fortune's Favorite Children	Hawkins, Marshall B.
Foundation MTNA Scholarships	
Getting It Right On Paper	Parks, Barbara
It's The Little Things That Count	Foye, Gerald F.
Piano Tuning Part II: Temperaments	Ressl, Daniel
The International Scene	Odenheimer, Fred
The Mid-Year Board Meeting	Huether, Charles P.
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
What Is The Piano Technicians Foundation?	Preuitt, Ernest S.
Wrong Fallboard Decal	Krefting, Jack

KEYWORDS:

Action Parts, Actions, Bartolomeo, Board, Business, Concert, Concerts: Rock to Symphony, Convention, Cristofori, Cristofori Actions & Other Design Details, Dumb Sales Claims, Ethics, Fortune's Favorite Children, Foundation, Foundation MTNA Scholarships, Foundation scholarships, Getting It Right On Paper, History, IAPBT, International, It's The Little Things That Count, Job satisfaction, Piano Technicians Guild, Piano Tuning Part II: Temperaments, Regulating, Repair, Spring butt, Springs hammer, Temperaments, The International Scene, The Mid-Year Board Meeting, The Technical Forum, Tone, Tuning, Tuning pins, What Is The Piano Technicians Foundation?, Wrong Fallboard Decal

April 1986

CD# 2

Articles

TITLE	AUTHOR
A Question of Attitude	Hassig, Richard
Abrasives, Part II	Fandrich, Delwin
Crisiofori's Pianos: Case Design & Scaling	Greenfield, Jack
Getting the Organizational Spirit	Hawkins, Marshall B.
Here's How Everyone Wins in Las Vegas	Huether, Charles P.
Preparing For The Tuning Test	Stone, Sidney
The Technical Forum	Krefting, Jack
The Technical Forum	Slone, S.
The Winter Market	Odenheimer, Fred

KEYWORDS:

A Question of Attitude, Abrasives, Attitudes for sightless, Bartolomeo, Business, Crisiofori's Pianos: Case Design & Scaling, Cristofori, Exam, Exams, General, Getting the Organizational Spirit, Here's How Everyone Wins in Las Vegas, History, Leg grand, Manufacturers, NAMM report, Organization, Part II, Piano Technicians Guild, Preparing For The Tuning Test, Repair, Sandpaper, The Technical Forum, The Winter Market, Tools & Equipment, Tuning, Tuning Preparation

May 1986

CD# 2

Articles

TITLE	AUTHOR
16 Pianos Stolen By Burglars With Style	Odenheimer, Fred
Convention Coverage, 1985	Greenfield, Jack
Early Piano Designs in France	Lagoy, Martha
Easy Fallboard Removal	Turek, W.
Knuckle Bolstering Needle	Hassig, Richard
My Telephone is Ringing	Krefting, Jack
Plated Treble wire	Krefting, Jack
Spinnet Hammer Angles	Ott, M.
Tenor String Inserter	Hawkins, Marshall B.
The Continuum Revisited	Graham, Susan
The I-Hate-to-Tune Tuning	Parks, Barbara
The Message Is Unchanged	Krefting, Jack
The Technical Forum	Hunt, Newton J.
Things I Do With A Computer	

KEYWORDS:

16 Pianos Stolen By Burglars With Style, 1985, Business, Calls for sightless, Computers, Convention Coverage, Dumb Sales Claims, Early Piano Designs in France, Easy Fallboard Removal, Enthusiasm, Fallboard, Hammers angle, History, IAPBT, International, Journal, Knuckle Bolstering Needle, My Telephone is Ringing, Needle, Parts, Piano design, Piano Technicians Guild, Pianos, Plated Treble wire, Rebuilding, Regulating, Repair, Shop, Spinnet Hammer Angles, Stolen, Strings, Tenor String Inserter, The Continuum Revisited, The I-Hate-to-Tune Tuning, The Message Is Unchanged, The Technical Forum, Things I Do With A Computer, Tone, Tools & Equipment, Tuning

June 1986

CD# 2

Articles

TITLE	AUTHOR
An Exciting Time For You and the Guild	Huether, Charles P.
Aspects of Organizational Spirit	Hawkins, Marshall B.
Broken Plates	Young, Wilford
Hammer Blow Vs. Key Dip	Krefting, Jack
Kimball Players	Foye, Gerald F.
Magnetic Pickups for Electronic Tuners	Weinberger, Richard J.
Managing Our Capabilities	Hawkins, Marshall B.
Meantone	Wentworth, G.
Measure Your Skills	Odenheimer, Fred
Schröter: Germany's First Piano Builder	Greenfield, Jack
Starting Up	Smit, Robert
The Technical Forum	Lowell, Tom
The Technical Forum	Young, Wilford
Using The Sanderson Accu-Tuner	Hunt, Newton J.
Voicing With A dB Meter	Shultz, J.
Wire Size Change Reminders	Sciortino, Joe

KEYWORDS:

Accu-Tuner, An Exciting Time For You and the Guild, Aspects of Organizational Spirit, Blow distance key dip, Broken Plates, Business, Christoph Gottlieb, Conditions, dB meter, Development, Dumb Sales Claims, Electronic, Hammer Blow Vs. Key Dip, Hammer fell, History, International, Kimball Players, Magnetic Pickups for Electronic Tuners, Managing Our Capabilities, Meantone, Measure Your Skills, Miscel-lany, Monochord, Organization, Piano Technicians Guild, Pianos, Plate, Plate broken, Player piano, Rebuilding, Regulating, Repair, Re-stringing, Schröter, Schröter: Germany's First Piano Builder, Self Managing, Starting Up, Technicians, Temperaments, The Technical Forum, Tools & Equipment, Tuning, Using The Sanderson Accu-Tuner, Voicing, Voicing With A dB Meter, Wire Size Change Reminders

July 1986

CD# 2

Articles

TITLE	AUTHOR
Hammers Caught Below Line	Krefting, Jack
Historical Pitch Standards	Krefting, Jack
Iron-On Veneer	Briant, Peter
Qualification Loopholes	Hawkins, Marshall B.
Silbermann: Germany's First Piano Maker	Greenfield, Jack
Summer: Not Necessarily Slow	Huether, Charles P.
The I-Hate-to-Tune Tuning, Part II	Graham, Susan
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Nelms, G.
Travel in Europe	Odenheimer, Fred
Wearing Gloves	Hassig, Richard

KEYWORDS:

Backchecks, Business, Dumb Sales Claims, Europe, Gottfried, Hammers Caught Below Line, Historical Pitch Standards, History, International, Iron-On Veneer, Overhead, Part II, Piano Technicians Guild, Pitch, Pitch standards, Qualification Loopholes, rebuilding, Rebuilding, Regulating, Repair, Restringing, Re-weighting, Shop, Silbermann, Silbermann: Germany's First Piano Maker, Standards, Summer, Summer: Not Necessarily Slow, The I-Hate-to-Tune Tuning, The Technical Forum, Travel in Europe, Tuning, Veneer, Wearing Gloves

August 1986

CD# 2

Articles

TITLE	AUTHOR
Awards: The Measure of An Association	Parks, Barbara
German Clavichords Before The Piano	Greenfield, Jack
Honoring More Who Built the Guild	
I Washed It Off With My Garden Hose	Hassig, Richard
In the Plane From Copenhagen to L.A.	Odenheimer, Fred
Our Leadership's Path of Progress	Hawkins, Marshall B.
Recapping Preferable	Truitt, W.
Strip Filing	McLuckie, Ian S.
The Technical Forum	Krefting, Jack

KEYWORDS:

Awards, Awards: The Measure of An Association, Bridge, Clavichord, Crazy, Europe, German Clavichords Before The Piano, Gottfried, Hammer filing, Hebenrtreit, History, Honoring More Who Built the Guild, I Washed It Off With My Garden Hose, In the Plane From Copenhagen to L.A., International, Manufacturers, NAMM report, Our Leadership's Path of Progress, Pantaleon, Past presidents, Piano Technicians Guild, Rebuilding, Recapping Preferable, Repair, Silbermann, Strip Filing, The Technical Forum, Voicing

September 1986

CD# 2

Articles

TITLE	AUTHOR
1986	Valley, Donald S.
Bach and Silbermann Pianos	Greenfield, Jack
Hammers Caught Below Line, II	Bremmer, B.
Memories of Europe	Odenheimer, Fred
Only The Numbers Have Changed	Jones, Henry L.
Some Bold and Important Legislation	Berry, Ronald L.
Termination Buzz	Quinn, W.
The 1986 PTG Study Tour of Europe, Part I	Hong, Yat-Lam
The Technical Forum	Caskey, Jack C.
The Technical Forum	Krefting, Jack
The Technical Forum	Young, Wilford
Widening Horizons	Hawkins, Marshall B.

KEYWORDS:

1986, Action & plate, Bach and Silbermann Pianos, Backchecks, Business, changes, Convention, Dumb Sales Claims, Europe, Exams, Gottfried, Hammers Caught Below Line, History, II, Income, International, Materials, Memories of Europe, Only The Numbers Have Changed, Organization, Part I, Piano Technicians Guild, Plate welding, Rebuilding, Regulating, Repair, Silbermann, Some Bold and Important Legislation, Termination Buzz, The 1986 PTG Study Tour of Europe, The Technical Forum, Tone, tour, Widening Horizons

October 1986

CD# 2

Articles

TITLE	AUTHOR
An Update on The Guild History Search	Quint, Richard
Associate With the Guild	Berry, Ronald L.
Furniture Cleaning Formula	
Later History of Silbermann Pianos	Greenfield, Jack
Old Concert Halls Still The Best	
The 1986 PTG Study Tour of Europe, Part II	Hong, Yat-Lam
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Squire, D.
The True Assets of an Association	Hawkins, Marshall B.
Tips For Apprentices	Krefting, Jack
Your Image: The Job Is Boss	Parks, Barbara

KEYWORDS:

Acoustics, Action cradle, Action Parts, An Update on The Guild History Search, Associate With the Guild, Back post, Business, Christoph Gottlieb, Concert Halls, Damper wire, Dumb Sales Claims, Europe, Flange guards, Furniture, Furniture Cleaning Formula, General, Gottfried, History, Image, International, Later History of Silbermann Pianos, Lubricants and Cleaners, Materials, Membership, Old Concert Halls Still The Best, Part II, Piano Technicians Guild, Rebuilding, Schröter, Silbermann, The 1986 PTG Study Tour of Europe, The Technical Forum, The True Assets of an Association, Tips For Apprentices, Tools & Equipment, tour, Your Image: The Job Is Boss

November 1986

CD# 2

Articles

TITLE	AUTHOR
An Immigrant Story	Huether, Charles P.
Associate With the Guild	Berry, Ronald L.
Gathering Information	Parks, Barbara
Inharmonicity: Best Resolved Aurally or Electronic?	Lowell, Tom
It's The Little Things That Count	Foye, Gerald F.
Psychology of In-Home Service	Barr, David
Reader Comments	Jameson, Sally K.
Reusing Damper Felt Chancey	Krefting, Jack
The Friederici Family: First Upright Pianos	Greenfield, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Phillips, C.
Using the Consumer Price Index	Root, Carl
You Can Overcome Failure	Hawkins, Marshall B.

KEYWORDS:

1911, Alfred, An Immigrant Story, Associate With the Guild, Attitudes, Business, Dampers, Dealer Relationships, Dolge, Dumb Sales Claims, Friederici Gottlob, Gathering Information, Hammer, Hammers loose, History, Inharmonicity, Inharmonicity: Best Resolved Aurally or Electronic?, Insurance health, It's The Little Things That Count, Membership, Overhead, Piano Technicians Guild, Piano values, Price Index, Psychology of In-Home Service, Reader Comments, rebuilding, Rebuilding, Repair, Reusing Damper Felt Chancey, Self-image, The Friederici Family: First Upright Pianos, The Technical Forum, Tuning, Using the Consumer Price Index, You Can Overcome Failure

December 1986

CD# 2

Articles

TITLE	AUTHOR
A Year of Change and Challenge	Hawkins, Marshall B.
Autobiography of a Piano	Tittle, Martin B.
International Visitors	Odenheimer, Fred
Its The Little Things That Count	Foye, Gerald F.
Shank-pulling Tip	Rush, R.
The Holiday Spirit	Parks, Barbara
The Introduction of Square Pianos	Greenfield, Jack
The Seventh Dragon by Anita T. Sullivan	Krefting, Jack
The Technical Forum	Bremmer, B.
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
Watching Your Money and the News	Jones, Henry L.

KEYWORDS:

1911, A Year of Change and Challenge, Autobiography of a Piano, Book Review, Business, C. P. E. Bach, Change, Christoph Gottlieb, Dumb Sales Claims, Economic Indicators, Evaluation grand, Friederici Gottlob, Gottfried, History, Holidays, International, International Visitors, Its The Little Things That Count, Johann, Piano purchasing, Piano Technicians Guild, Problem solving, Rebuilding, Repair, Schröter, Shank-pulling Tip, Shanks, Silbermann, Socher, Strings spacing, The Holiday Spirit, The Introduction of Square Pianos, The Seventh Dragon by Anita T. Sullivan, The Technical Forum, Tools & Equipment, Tuning, Visitors, Watching Your Money and the News

January 1987

CD# 2

Articles

TITLE	AUTHOR
Chapter News, Denver	Hawkins, Marshall B.
Happy Hew (sic) Year Everybody!	Pollard, Allan E.
My Record of 1967	Beaton, Dick
Newsletter Committee Session Cooperation	Gravagne, Nick
Part I: The Theoretical Soundboard	Greenfield, Jack
Slow Acceptance of Early Piano	Leary, Janet
Taxing Matters	Eaton, Wendell E.
The New Year - Growth	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
Tone Deaf And All Thumbs by Dr. Frank Wilson	Nelson, Lorelle

KEYWORDS:

Abrasives, Book Review, Buffing compound, Buffing wheel, Business, Chapter News, Denver, Dumb Sales Claims, Evaluation grand, Goals, Happy Hew (sic) Year Everybody!, History, Humidity, income, Itinerant Tuner, Key top cement, Key top scratches, keytops, My Record of 1967, Newsletter Committee Session Cooperation, Newsletters, P.T. Guild & Music Industry, Part I: The Theoretical Soundboard, Parts, personal, Piano early, Piano Technicians Guild, Rebuilding, Repair, Room humidifiers, Self Examination, Slow Acceptance of Early Piano, Soundboard, Stings bass dead, Tackle box for tools, Taxes, Taxing Matters, The New Year - Growth, The Technical Forum, Tone Deaf And All Thumbs by Dr. Frank Wilson, Tools & Equipment

February 1987

CD# 2

Articles

TITLE	AUTHOR
Changing Downbearing, Grand Rebuilding	Krefting, Jack
Describing A Wire Splice	Hassig, Richard
Early French Piano Making	Greenfield, Jack
Foundation Helps Fund Music And Child Development	
Hammer Hanging Jig	Krefting, Jack
Johann Andreas Stein's Start	Greenfield, Jack
Music Appreciation In The Schools	Russell, Bob
Part II: The Physical Soundboard	Gravagne, Nick
Struggle, Change and Growth	Hawkins, Marshall B.
The Technical Forum	Krefting, Jack

KEYWORDS:

Action Parts, Business, Change and Growth, Changing Downbearing, Describing A Wire Splice, Downbearing, Dumb Sales Claims, Early French Piano Making, Flange guards, Foundation, Foundation Helps Fund Music And Child Development, Grand Rebuilding, Hammer hanging jig, History, Inverted mordents, Johann Andreas, Johann Andreas Stein's Start, Mozart, Music Appreciation In The Schools, Part II: The Physical Soundboard, Parts, Personal development, Piano building, Piano Technicians Guild, Public relations, Rebuilding, Repair, Soundboard, Stein, Struggle, Tear-down, The Technical Forum, Tools & Equipment, Wire splicing, Wolfgang Amadeus

March 1987

CD# 2

Articles

TITLE	AUTHOR
A Specific Soundboard	Gravagne, Nick
Chapter News, Cleveland	Leary, Janet
Chapter News, Indianapolis	Sloffer, P.
Chapter News, Nebraska	Minor, J.
Chapter News, Portland	Person, D.
Chapter News, Syracuse	Heikkinen, D.
Does Anyone Have A Better Mousetrap?	Hassig, Richard
Honoring Our Editors	Hawkins, Marshall B.
Self-Confidence and Professional Excellence	Easter, Rufus Jr.
Sharing Our Experiences Through Our Newsletters	Hawkins, Marshall B.
Stein Advancements In Piano Design	Greenfield, Jack
Table Of Frequencies	Baldassin, Rick L.
The Free Estimate	Jones, Henry L.
The Piano In The World Market	Odenheimer, Fred
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Minton, L. E.
The Technical Forum	Travis, Michael
Tuning Up	Baldassin, Rick L.
What is An Associate Member?	Berry, Ronald L.
What's New	Goldsmith, Larry

KEYWORDS:

A Specific Soundboard, Action, Action Parts, Bass strings, Beat rates, Bridge, bumping, Business, Chapter News, Charges For, Cleveland, Development & Success, Does Anyone Have A Better Mousetrap?, Drills for removing tuning pins, Dumb Sales Claims, Equal temperament, Estimates, Hammer iron, Hammers bass angle of, Hammers ironing, Health & Safety, History, Honoring Our Editors, Indianapolis, Johann Adreas Stein, Kapsel, Manufacturers, Membership Associate, NAMM report 87, Nebraska, Newsletters, P.T. Guild & Music Industry, Parts, Piano Technicians Guild, Pianos, Portland, Prellmechanic, Profession, Protecting your hearing, Rebuilding, Repair, Restringing, Self Examination, Self-Confidence and Professional Excellence, Sharing Our Experiences Through Our Newsletters, Soundboard, steel wound, Stein Advancements In Piano Design, Strings twisting bass, Syracuse, Table Of Frequencies, Temperament systems, The Free Estimate, The Piano In The World Market, The Technical Forum, Theft security, Tool case, Tools & Equipment, Tuning, Tuning time, Tuning Up Inharmonicity, Voicing, weight of hammers, What is An Associate Member?, What's New, World market

April 1987

CD# 2

Articles

TITLE	AUTHOR
Friendships	Berry, Ronald L.
How Much Crown Should There Be?	Gravagne, Nick
Management And The Small Business	Leoy, J.
Market Forces At Work	Goldsmith, Larry
Small Pianos & Inharmonicity	Baldassin, Rick L.
Stein's Pianos and Mozart's Piano Composition	Greenfield, Jack
The NAMM Winter Market	Odenheimer, Fred
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack

KEYWORDS:

Action Parts, Business, Dumb Sales Claims, Friendships, History, How Much Crown Should There Be?, Humidify, Inharmonicity, Johann Andreas, Key spacing, Lids vertical, Management, Management And The Small Business, Manufacturers, Market Forces At Work, Marketing, Membership, Mozart, NAMM, Parts, Piano early, Piano Technicians Guild, Plate screws into stretcher, Rebuilding, Regulating, Small Pianos & Inharmonicity, Soundboard bridge, Soundboard crown, Springs butterfly adjustment, Stein, Stein's Pianos and Mozart's Piano Composition, The NAMM Winter Market, The Technical Forum, Tuning, Wolfgang Amadeus

May 1987
 CD# 2
 Articles

TITLE	AUTHOR
Chapter News	Hong, Yat-Lam
Chapter News, Central Illinois	Morris, Bob
Chapter News, D.C.	Floyd, E.
Chapter News, Dallas	Ello, M.
Chapter News, Houston	Lee, B.
Chapter News, Kansas City	Yockey, W.
Chapter News, Los Angeles	Woltz, R.
Chapter News, N.W. Arkansas	Campbell, D.
Chapter News, W. Michigan	Gagliardo, D.
East Meets West In Frankfurt, Toronto	Odenheimer, Fred
Measuring The Crown	Gravagne, Nick
Pushing Up The Iceberg	Hawkins, Marshall B.
Selling A Piano Service Business	Root, Carl
The Piano Replaces The Harpsichord in Vienna	Greenfield, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
Tuning Up	Baldassin, Rick L.
What's a Registered Tuner-Technician?	Berry, Ronald L.

KEYWORDS:

Action centers, Action centers testing tightness, Action Parts, Beat rates theoretical, Business, Central Illinois, Chapter News, Cheap pianos for students, coincident harmonics, Criticizing shoddy work, D.C., Dallas, Dumb Sales Claims, East Meets West In Frankfurt, Franz Josef, Haydn, History, Houston, International, Johann Andreas, Kansas City, Los Angeles, Measuring The Crown, Membership RTT, Mice, Moist wiping towels, Mozart, Music fair, N.W. Arkansas, Pest Control, Piano replaces harpsichord, Piano Technicians Guild, Pianos, Pins balance rail polishing, Printed sales literature, Public relations, Pushing Up The Iceberg, Rails action split, Rebuilding, Regulating, Repair, Selling A Piano Service Business, Soundboard crown, Soundboard press, Stein, Steinway 'O' vs 'L', The Piano Replaces The Harpsichord in Vienna, The Technical Forum, Tools & Equipment, Toronto, Touchweight, Tuning, Tuning Up, Value of piano service business, Vermin, W. Michigan, What's a Registered Tuner-Technician?, Wolfgang Amadeus

June 1987
 CD# 2
 Articles

TITLE	AUTHOR
An Encyclopedia of Tests For Equal Temperament	Kimbell, Michael A.
Chapter News, Chicago	Mott, B.
Chapter News, Cincinnati	McKlveen, Ben
Chapter News, Columbus	Harr, T.
Chapter News, Dallas	Connell, W.
Chapter News, Dallas	Tomko, T.
Chapter News, Los Angeles	Mehaffey, Francis
Chapter News, Reading-Lancaster	Bittinger, Jim
Chapter News, Twin Cities	Ashmore, Yvonne
Chapter News, Twin Cities	Mears, W.
Democracy In Action!	Berry, Ronald L.
Early Viennese Pianos	Greenfield, Jack
Early Viennese Pianos	Greenfield, Jack
Early Viennese Pianos	Greenfield, Jack
is Your Real Profit?	Leary, Janet
Remembering To Say Thanks	Goldsmith, Larry
Soundboard Thickness	Gravagne, Nick
The Group	Byrd, Donna
The Technical Forum	Hess, J.
The Technical Forum	Krefting, Jack
The Technical Forum	Reblitz, Arthur
Toronto In The Air	Hawkins, Marshall B.
Tuning Up	Baldassin, Rick L.
Tuning Up	Jorgensen, Owen
Tuning Up	Travis, Michael
Upright Damper Regulation, The Technical Forum	Grossman, Matthew R.

KEYWORDS:

Action Parts, Action regulating, Advertisement, An Encyclopedia of Tests For Equal Temperament, Anton, Axioms, Bartolomeo, Business, Chapter News, Chicago, Cincinnati, Columbus, Concert preparation, Convention attendance, Convention exhibits, Council, Cristofori, Dallas, Dampers vertical, Dampers vertical regulation, Democracy In Action!, Dumb Sales Claims, Early Viennese Pianos, Fees, French Repetition action, Friederici Gottlob, Hammer Filing, History, History Baumann Christian Schantz Johann Wenzel Spath Franz Jakob Musicians Pianists Composers Haydn Liszt Early Viennese Pianos, History Bumping Actions, Interval names, is Your Real Profit?, Johann Andreas, Joseph, Los Angeles, Miscellaneous, Mozart's piano, Octave tests, Operation aspects, Parts, parts, Piano Technicians Guild, Pianos, Planning, Plate welding, Playing the piano, Prellmechanik, Profile of That, Reading-Lancaster, Rebuilding, Regulating, Remembering To Say Thanks, Repair, Schoffstoss, Service, Shop, soundboard press, Soundboard Thickness, Stein, Strings knots, Tests, Tests aural, The Group, The Technical Forum, Toronto In The Air, Tuning, Tuning Up, Twin Cities, Upright Damper Regulation, Viennese, Voicing, Walter

July 1987

CD# 2

Articles

TITLE	AUTHOR
Board Dynamics	Hawkins, Marshall B.
Grand Rebuilding	Krefting, Jack
News From JPTA	Odenheimer, Fred
The Inner Rim Meets The Soundboard	Gravagne, Nick
The Technical Forum	Blees, Willem
The Technical Forum	Fischer, B.
The Worst-Case Scenario: What If?	Lloyd, Stephen
What's A Piano For Anyway	Barr, David
Young Beethoven And Stein Pianos	Greenfield, Jack

KEYWORDS:

Beethoven, Board, Board Dynamics, Dumb Sales Claims, Grand Rebuilding, Harp (plate), History, Insurance, International, Johann Andreas, JPTA, Ludwig Van, Mozart, Nannette, News From JPTA, Organization of, Parts, Piano Technicians Guild, Pianos, Playing the piano, Rebuilding, Soundboard, Soundboard building, Streicher, The Inner Rim Meets The Soundboard, The Technical Forum, The Worst-Case Scenario: What If?, Tools & Equipment, What's A Piano For Anyway, Wolfgang Amadeus, Young Beethoven And Stein Pianos

August 1987

CD# 2

Articles

TITLE	AUTHOR
A Lesson	Odenheimer, Fred
About Nuts & Piano Service	Frederic, Joseph
An Encyclopedia of Tests For Equal Temperament	Kimbell, Michael A.
Romantic Or Transitional: Mid-19th Cent. Great Pianos	Egerton, C.
Stein's Pupils; The Pedal Piano	Greenfield, Jack
Storing Up Summer	Goldsmith, Larry
The Continuum Continues	Hawkins, Marshall B.
The Piano Industry And The Technician	Pearson, Walter
The Schudi Piano At The Smithsonian	
The Technical Forum	Krefting, Jack
Tuning Up	Anderson, J.
Tuning Up	Davenport, Richard
Tuning Up	DeRocher, J.

KEYWORDS:

A Lesson, About Nuts & Piano Service, An Encyclopedia of Tests For Equal Temperament, Bartolomeo, Cristofori, Equal temperament In-harmonic, Historical, History, Import/Export statistics, Johann Andreas, Liszt Piano Bilson, Malcolm, Manufacturers, Mid-19th Century Piano, NAMM report 87, P.T. Guild & Music Industry, Pedal piano, Piano Industry, Piano Technicians Guild, Pianos, Public relations, Romantic Or Transitional Great Pianos, Self Examination, Stability, Stein, Stein's Pupils; The Pedal Piano, Storing Up Summer, Summer, Technician, Tests, The Continuum Continues, The Piano Industry And The Technician, The Schudi Piano At The Smithsonian, The Technical Forum, Tuning, Tuning Up, Unisons

September 1987

CD# 2

Articles

TITLE	AUTHOR
A Pneumatic Soundboard Press	Krefting, Jack
An Encyclopedia of Tests for Equal Temperament	Kimbell, Michael A.
At The Close of The 181h Century Exhibits	Greenfield, Jack
Growing Stronger	Goldsmith, Larry
Promoting The Acoustic Piano	Wagoner, Gracie
Recognizing A Tradition of Service To The Guild	
The "Feeling" Was Discovered	Lillico, John
The Beginning Of A New Year	Berry, Ronald L.
The Importance Of Conventions	Odenheimer, Fred
The Inner Rim Connection	Gravagne, Nick
There Is No Substitute For Momentum	Hawkins, Marshall B.
Tuning Up (class review)	Baldassin, Rick L.

KEYWORDS:

A Pneumatic Soundboard Press, An Encyclopedia of Tests for Equal Temperament, At The Close of The 181h Century, Aural/electronic, Awards, Convention, Convention report 1987, Conventions, Exhibits, Future, Geer, Growing Stronger, History, International, Membership, Piano Industry, Piano Technicians Guild, portable, Promoting The Acoustic Piano, Rebuilding, Recognizing A Tradition of Service To The Guild, Soundboard, square, Tangent, Tests, tests, The "Feeling" Was Discovered, The Beginning Of A New Year, The Importance Of Conventions, The Inner Rim Connection, There Is No Substitute For Momentum, Tuning, Tuning Up (class review), vertical, Viennese piano building

October 1987

CD# 2

Articles

TITLE	AUTHOR
After The Convention	Odenheimer, Fred
An Encyclopedia of Tests For Equal Temperament	Kimbell, Michael A.
Do-It-Yourself Supplies	Jones, Edgar
Do-It-Yourself Supplies	Jones, Henry L.
Graham, Baldassin, Named To Journal Posts	
Nothing Is Forever	Goldsmith, Larry
Prevention and Treatment of Musculoskeletal Aches	Vance, Kathryn M.
The Effectiveness of A Humidity Control System	Mair, Robert W.
The First Pianos In Great Britain	Greenfield, Jack
The Personal Touch	Berry, Ronald L.
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
The Technical Forum	Krefting, Jack
Tuning Up	Baldassin, Rick L.
Tuning Up	Nicholson, K.
Two Half-Baked Ideas May Make One Good One	Hawkins, Marshall B.

KEYWORDS:

After The Convention, An Encyclopedia of Tests For Equal Temperament, Backers Americus, Baldassin, Beat rate program (TI-59), Broadwood, Burkat, Business, Change, Control, Do it yourself Technicians: Con, Do it yourself Technicians: Pro, Do-It-Yourself Supplies, early, frozen, Graham, Handel, Health & Safety, Herman, History, Humidity, IAPBT, International, Interval widths, Jacob, John, Kirkman, Membership, Named To Journal Posts, New Journal Writers, Nothing Is Forever, Participation, Parts, Physiology, Piano Technicians Guild, Pins tuning becket alignment, Prevention and Treatment of Musculoskeletal Aches, Progress, Rail balance shimming, Rebuilding, Regulating, Repair, Restringing becket alignment, Screws, Shudi, Soundboard, stretch calculator, Tabel, Technicians, Tests, The Effectiveness of A Humidity Control System, The First Pianos In Great Britain, The Personal Touch, The Technical Forum, Tuning, Tuning Up, Two Half-Baked Ideas May Make One Good One, Zumpe

November 1987

CD# 2

Articles

TITLE	AUTHOR
An Organization of the Like-Minded	Berry, Ronald L.
Credit Card Total Cost	Jones, Henry L.
Elements of Quality Soundboard Construction	Gravagne, Nick
Piano Curve Identity Revealed	Baldassin, Rick L.
Planning Keeps Momentum High	Hawkins, Marshall B.
The N.Y. Paramount Theatre Piano	Huether, Charles P.
The Technical Forum	Krefting, Jack
Tuning Up	Baldassin, Rick L.
Tuning Up	Baldassin, Rick L.
Wins Acceptance Quickly in London	Greenfield, Jack

KEYWORDS:

An Organization of the Like-Minded, Beat rates, Bridge new, Business, Convention, Credit Card Total Cost, Credit cards, Elements of Quality Soundboard Construction, Historical, History, Inharmonicity, Membership, Piano Curve Identity Revealed, Piano square, Piano Technicians Guild, Pianos, Planning Keeps Momentum High, Rebuilding, Soundboard, stretch calculator, The N.Y. Paramount Theatre Piano, The Technical Forum, Tuning, Tuning Up, Two pianos together, Wins Acceptance Quickly in London

December 1987

CD# 2

Articles

TITLE	AUTHOR
A New Era For The Journal	Goldsmith, Larry
Broadwood Succeeds Shudi	Greenfield, Jack
Fitting The Soundboard	Gravagne, Nick
Helping People New To The Guild	Berry, Ronald L.
Newsletters-Binding Us Together	Beaton, Dick
Organizing a Piano Service Business	Barr, David
The Equal Beating Theorem	Wathen, Michael J.
The Passing Of Bill Kimball	Odenheimer, Fred
The Technical Forum	Graham, Susan
The Technical Forum	Graham, Susan
The Technical Forum	Graham, Susan
Tuning Up	Baldassin, Rick L.
Yamaha Marks 100 Years	Odenheimer, Fred

KEYWORDS:

A New Era For The Journal, Acoustics, Action Parts, Actions, Americus, Backcheck buckskin, Backers, Broadwood Succeeds Shudi, Burkat, Business, Clamp key, electronic stretch number, Fitting The Soundboard, Helping People New To The Guild, History, Intervals just, Jacob, Johann Christoph, John, John Joseph, Journal, Just intervals, Key, Key end felt, Key End Felt, Kimball, Kirkman, Manufacturers, Membership, Merlin, Newsletters, Newsletters-Binding Us Together, Organization, Organizing a Piano Service Business, Parts, Piano Technicians Guild, Rebuilding, Repair, repair, replacement, Robert, Soundboard, Stodart, string harmonics, String Harmonics, The Equal Beating Theorem, The Passing Of Bill Kimball, The Technical Forum, Theory, Tools & Equipment, Tuning, tuning major thirds, Tuning Up, Yamaha, Yamaha Marks 100 Years, Zumpe

January 1988

CD# 2

Articles

TITLE	AUTHOR
Are You Tired Of Playing Games?	Jones, Henry L.
Challenges: A Chance To Grow	Berry, Ronald L.
Course Corrections	Hawkins, Marshall B.
Installation Of Backchecks	Graham, Susan
Installing The Soundboard	Gravagne, Nick
Iron and Brass Music Wire	Swenson, Edward
It's That Time Of Year!	Goldsmith, Larry
Keyboard Makers	Swenson, Edward
Let's Use the Logo!	Blees, Willem
Parts, Felt, Tools, Supplies	Swenson, Edward
Piano Virtuosos and Development: Late 18th Cent.	Greenfield, Jack
Restoring Antique Pianos: Part I	Swenson, Edward
Thoughts On The Industry	Odenheimer, Fred
Too-Heavy Touch	Tocquigny, Michael
Tuning Up	Baldassin, Rick L.
Useful Books	Swenson, Edward

KEYWORDS:

Action Parts, Antiques, Are You Tired Of Playing Games?, Backchecks, Beats,, Business, Challenges: A Chance To Grow, Computers, Course Corrections, Dussak, Electronic, Felt, Go bars Climate control Adhesives, History, Installation Of Backchecks, Introduction and Sources, Iron and Brass Music Wire, It's That Time Of Year!, Jan Ladislav, Keyboard Makers, Let's Use the Logo!, Logo, Membership, Parts, Parts supplies, Piano Technicians Guild, Piano Virtuosos and Development: Late 18th Cent., Pianos, Planning goals, Rebuilding, Regulating, Resolutions, Restoration, Restoring Antique Pianos: Part I, Soundboard installation, Supplies, Tests, Thoughts On The Industry, Too-Heavy Touch, Tools, Tools & Equipment, Touchweight, Tuning, Tuning Up Acoustics, Useful Books

February 1988

CD# 2

Articles

TITLE	AUTHOR
Appraising Pianos Using Real Estate Techniques	Blumenthal, Fred
Beats And Cent, Two Tuning Systems	Baldassin, Rick L.
Burning Shanks?	Vagias, Ernest
Cleaning And Lubricating A Grand Action	Graham, Susan
Concerts Promote Piano In Great Britain	Greenfield, Jack
Conversations: Never Miss An Opportunity	Hawkins, Marshall B.
Downbearing: An Introduction	Gravagne, Nick
Getting Organized	Goldsmith, Larry
Notes From Europe	Odenheimer, Fred
Sensitizing The Tuner - Technician	Heischober, Norman

KEYWORDS:

Action Parts, Appraisals, Appraising Pianos Using Real Estate Techniques, Beats And Cent, bending, Burning Shanks?, Business, Cleaning And Lubricating A Grand Action, Composers, Concerts, Concerts early, Concerts Promote Piano In Great Britain, Conversations: Never Miss An Opportunity, Customer Relations, DAG colloidal graphite) TFL 50 Teflon spray Action Parts, Downbearing, Downbearing: An Introduction, Getting Organized, History, Industry, International, Lubricants Cleaners Action, Musicians, Notes From Europe, Organization, Pianists, Piano square construction, Promotion, Rebuilding, Regulating, Repair, Sensitizing The Tuner - Technician, Shanks, Shanks bending, Temperament systems, Tuning, Two Tuning Systems

March 1988

CD# 2

Articles

TITLE	AUTHOR
Antique Restoration	Swenson, Edward
Basic Accounting	Leary, Janet
Be a 'Friend': Support IAPBT	Odenheimer, Fred
Benefits of Membership	Berry, Ronald L.
Force Equals Tension Times What?	Gravagne, Nick
Getting The Word Out	Goldsmith, Larry
Membership-Whose Responsibility?	Sloane, S.
Memories Of Heifetz	Neblett, Norman
Restoring Antique Pianos: Part II	Swenson, Edward
Staying Plugged In	Hawkins, Marshall B.
The Technical Forum	Graham, Susan
Tuning Up	Baldassin, Rick L.
Two Piano Tuners by M. B. Goffstein	Wathen, E.
Without Vision There Is No Future	Hawkins, Marshall B.

KEYWORDS:

Accounting, Accu-Tuner filter output, Advertising, Antique pianos, Antique Restoration, Antiques, Basic Accounting, Be a 'Friend': Support IAPBT, Benefits of Membership, Book Review, Bosendorfer fortepiano, Business, Chapter meetings, Composers, Documentation, Down-bearing, experiences, Force Equals Tension Times What?, Getting The Word Out, Heifetz, IAPBT, International, Manufacturers, Membership, Membership-Whose Responsibility?, Memories Of Heifetz, Musicians, NAMM report 88, octave size: A5A4, Pianists, Piano Technicians Guild, Pianos, pitch setting A4, pitch source reliability, Public relations, Rebuilding, Restoration, Restoring Antique Pianos: Part II, Staying Plugged In, Technicians, The Technical Forum, Tuning, Tuning Up, Two Piano Tuners by M. B. Goffstein, Vision, Without Vision There Is No Future

April 1988

CD# 2

Articles

TITLE	AUTHOR
"Picasso" Tuners	Baldassin, Rick L.
Action Centers	Graham, Susan
Categories of Membership	Berry, Ronald L.
Downbearing: A Link in the Energy Chain	Gravagne, Nick
Getting Started	Root, Carl
Heifetz and Ping Pong	Neblett, Norman
Letter to Tuning Editor	Tremper, Fred W.
Practice Makes Permanent	Hawkins, Marshall B.
Public Goodwill	Goldsmith, Larry
The Technical Forum	Graham, Susan
Zumpe's Second Action	Greenfield, Jack

KEYWORDS:

"Picasso" Tuners, Action Centers, Action centers, Action Parts, Actions, Business, Categories of Membership, Composers, Downbearing, Downbearing: A Link in the Energy Chain, experiences, Getting Started, Heifetz, Heifetz and Ping Pong, History, Johann, John Geib, Letter to Tuning Editor, Lubricants and Cleaners, Membership, Musicians, Pianists, Piano Technicians Guild, Planning, Practice Makes Permanent, Public Goodwill, Public relations, Rebuilding, Silicone oil, Starting a business, Stretch how much?, Technicians, The Technical Forum, Tuning, Zumpe, Zumpe's Second Action

May 1988

CD# 2

Articles

TITLE	AUTHOR
Downbearing: Finding Dimension V	Gravagne, Nick
Heifetz And Air Conditioning	Neblett, Norman
How Can A Piano Technician Use A Computer	Berry, Ronald L.
Interval Widths	Baldassin, Rick L.
PTG - What Direction Are We Going?	Berry, Ronald L.
Repinning	Graham, Susan
Restoring Antique Pianos: Part III	Swenson, Edward
The Press Release	Goldsmith, Larry
Words Of Wisdom	Hawkins, Martin

KEYWORDS:

Antiques, Business, Cleaning, Composers, Computers, Customer Relations, Downbearing, Downbearing: Finding Dimension V, experiences, Heifetz, Heifetz And Air Conditioning, How Can A Piano Technician Use A Computer, Interval Widths, Interval widths, Membership, Musicians, Pianists, Piano Technicians Guild, PTG - What Direction Are We Going?, Public relations, Rebuilding, Repinning, Restoration, Restoring Antique Pianos: Part III, Spoonbit reamers, Technicians, The Press Release, Tools & Equipment, Tuning, Words Of Wisdom

June 1988

CD# 2

Articles

TITLE	AUTHOR
Americans And The Arts	Goldsmith, Larry
Front and Rear Bearings	Gravagne, Nick
Hardware	Berry, Ronald L.
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Piano Virtuosos and Development: Late 18th Cent	Greenfield, Jack
Rebushing	Graham, Susan
Re-scaling The 1905 Steinway Upright	Brown, Richard M.
Setting The Temperament	Baldassin, Rick L.
The Technical Forum	Graham, Susan
UpGrading to RTT	Berry, Ronald L.
When the Heat is On	Baldassin, Rick L.

KEYWORDS:

Action centers, Action Parts, Americans And The Arts, Broadwood, Bushing cloth, Business, Clementi, Computers, Customers, Damper lift timing, Downbearing, Franz Josef, Front and Rear Bearings, Hardware, Haydn, History, John, Key height, leisure time, Membership, Money, Money And Its Real Value, Muzio, Parts, Piano development, Piano Technicians Guild, Piano Virtuosos and Development: Late 18th Cent, Rebuilding, Rebushing, Regulating, Repair, Re-scaling, Re-scaling The 1905 Steinway Upright, Setting The Temperament, Strings metric vs. American, Strings tying, Temperament, The Technical Forum, Tuning, UpGrading to RTT, When the Heat is On

July 1988

CD# 2

Articles

TITLE	AUTHOR
Cleaning And Lubricants, Part II	Graham, Susan
Cleaning And Lubricants, Part II	Graham, Susan
Early Production of Upright Pianos in England	Greenfield, Jack
Early Production of Upright Pianos in England	Greenfield, Jack
Encouraging Associate Members to Upgrade	Berry, Ronald L.
Formulas For Inharmonicity	Baldassin, Rick L.
Front and Rear Bearings	Gravagne, Nick
Heavy Parts	Graham, Susan
Joining Hands To Do The Things You Can't Do Alone	Goldsmith, Larry
Tech Ed Advocates Vice	Graham, Susan
The Highest Possible Service Standards	Hawkins, Marshall B.
Word processor	Berry, Ronald L.

KEYWORDS:

Action centers, Action Parts, Business, Cleaning And Lubricants, Computers, Downbearing, Dry-Lube, Early Production of Upright Pianos in England, Encouraging Associate Members to Upgrade, Formulas For Inharmonicity, Front and Rear Bearings, gauge, Hawkins, Heavy Parts, History, Inharmonicity, John, John Isaac, Joining Hands To Do The Things You Can't Do Alone, Landreth, Lubricants and Cleaners, McLube/MoS2, Membership, Part II, Piano soundboard, Piano Technicians Guild, Public relations, Purpose, Rebuilding, Regulating, Re-news-it, Repair, Repetition spring groove, Soapstone, Southwell, Tech Ed Advocates Vice, TFL 50 Slipspray, The Highest Possible Service Standards, Tools & Equipment, Tuning, Verdigris, VJ lube, Weight, Weight action parts, William, Word processor

August 1988
CD# 2
Articles

TITLE	AUTHOR
An Introduction	Berry, Ronald L.
Bearing on The Bass Bridge	Gravagne, Nick
Beats: What They Are And Where They Came From	Berry, Ronald L.
Honoring Those Who Built Our Profession	
Key Bushing	Spurlock, Bill & Henry, Fern L.
Key Rebushing	Henry, Fern
Our Proudest Moment	Goldsmith, Larry
Passing the Tuning Test	Coleman, James W.
Pianos and People	Perkins, Stuart
Restoring Antique Pianos: Part IV	Swenson, Edward
Selling Piano Services, Pianos, Playing	Barr, David
Spread Sheets	Berry, Ronald L.
The Technical Forum	Graham, Susan
The Tuning Touch	Smith, Virgil E.
Tuning Up	Baldassin, Rick L.

KEYWORDS:

Acoustics, Action centers cleaning, Action Parts, An Introduction, Antiques, Awards, Bearing on the Bass Bridge, Bearing on The Bass Bridge, Beats, Beats affected by touch, Beats: What They Are And Where They Came From, Bridge bass downbearing, Business, Cauls, Computers, Direct interval system, Downbearing, Exam, Glue pot, Honoring Those Who Built Our Profession, Key Bushing, Key clamp, Key Pins, Key Rebushing, Key rebushing, Motivation, octave tempering, Our Proudest Moment, P.T. Guild & Music Industry, Parts, Passing the Tuning Test, Piano Technicians Guild, Pianos, Pianos and People, Playing, President, Promotion, Rebuilding, Restoration, Restoring Antique Pianos: Part IV, Self Examination, Selling Piano Services, Spread Sheets, Strings looped, Strings loops, temperament, The Technical Forum, The Tuning Touch, Tools & Equipment, Tuning, Tuning Up, Woodworking techniques

September 1988

CD# 2

Articles

TITLE	AUTHOR
A Master Class In Temperament (Class Review)	Baldassin, Rick L.
Aural Fine Tuning For Electronic Tuners (Class. Rev.)	Baldassin, Rick L.
Beginners and Brothers	Kiel, Mitch
Equal Temperament Stegman, W (Class Review)	Baldassin, Rick L.
Industry News	Graham, Susan
International Activities	Huether, Charles P.
Learning To Listen (Class Review)	Baldassin, Rick L.
Paris Becomes A Piano-Making Center	Greenfield, Jack
Pitch-Raising - Stone, S. (Class Review)	Baldassin, Rick L.
Please Speak Up - I Can't Hear You (Class Review)	Baldassin, Rick L.
Practical Touch-up & Case Repair (Class Review)	Brooks, Vivian
Priorities	Berry, Ronald L.
So You Want To Be A Concert Tuner (Class Rev.)	Baldassin, Rick L.
Tempering The Untemperable (Class Review)	Baldassin, Rick L.
Tempering The Untemperable (Class Review)	Kimbell, Michael A.
The Disklavier And MIDI Grand	Powell, Teri
The Method (Class Review)	Kiel, Mitch
The Technical Forum	Kiel, Mitch
Tone & Friction - Fact & Fiction (Class Review)	Travis, Michael
Welcome to the Laboratory (Class Review)	
Welcome to The Laboratory (Class Review)	Kiel, Mitch

KEYWORDS:

A Master Class In Temperament (Class Review), Acoustics, Action centers, Action Parts, alcohol torch, Aural Fine Tuning For Electronic Tuners (Cl. Rev.), Beginners and Brothers, Burn-in knife, Business, case French polishing, Computer Programs, Concert, Dampers, Dampers vertical installation, Disklavier, Electronic, Electronics, Equal temperament, Equal Temperament Stegman, Health & Safety, Hearing loss, History, IAPBT, Industry News, Inharmonicity, International, International Activities, Learning To Listen (Class Review), Lubricants and Cleaners, Manufacturers, McLube 1725, Membership, NAMM report 88, Paris Becomes A Piano-Making Center, Parts, parts, Piano Technicians Guild, Pitch raising, Pitch-Raising - Stone, Please Speak Up - I Can't Hear You (Class Review), Practical Touch-up & Case Repair (Class Review), Priorities, S. (Class Review), So You Want To Be A Concert Tuner (Class Rev.), Spectrum analyzer, Temperament, Tempering The Untemperable (Class Review), The Disklavier And MIDI Grand, The Method (Class Review), The Technical Forum, Tone, Tone & Friction - Fact & Fiction (Class Review, Tools & Equipment, touch-up, Tuning, Voicing, W (Class Review), Welcome to The Laboratory (Class Review), Welcome to the Laboratory (Class Review)

October 1988

CD# 2

Articles

TITLE	AUTHOR
Accu-Tuner Filter Output	Baldassin, Rick L.
Basic Piano Tuning - Defebaugh, G.	Baldassin, Rick L.
Cheaper By Me Dozen	Root, Carl
Encouraging The Public To Play The Piano	Berry, Ronald L.
Letters - We Get Letters	Goldsmith, Larry
Listening With Your Accu-Tuner - Coleman, J.	Baldassin, Rick L.
Optimum Sixth of A5 - A4 Octave	Baldassin, Rick L.
Pitch Raising - Brown, R.	Baldassin, Rick L.
Report From Britain	Huether, Charles P.
The "Tap-Test" Or If Your Soundboard Talks	Gravagne, Nick
The Battle Between Two Early Piano Builders	Swenson, Edward
The Data Base	Berry, Ronald L.
There's A Hole In The Bottom Of The Key	Graham, Susan

KEYWORDS:

Accu-Tuner Filter Output, Action Parts, Balance rail hole, Basic Piano Tuning - Defebaugh, bulk, Business, Cheaper By Me Dozen, Computers, Customer Relations, Electronic, Encouraging The Public To Play The Piano, G., History, IMIT, Institute class review 88, International, J., Journal, Letters - We Get Letters, Listening With Your Accu-Tuner - Coleman, Octave size: A5-A4, Optimum Sixth of A5 - A4 Octave, Parts, Piano early, Piano Technicians Guild, Pitch Raising - Brown, Pliers becket, Purchasing, R., Report From Britain, Soundboard, The "Tap-Test" Or If Your Soundboard Talks, The Battle Between Two Early Piano Builders, The Data Base, There's A Hole In The Bottom Of The Key, Tools & Equipment, Tuning, Wippen support block

November 1988

CD# 2

Articles

TITLE	AUTHOR
Associations And Their Publications	Goldsmith, Larry
Bearing On The Old Soundboard	Gravagne, Nick
Grand Leg and Lyre Repair	Graham, Susan
Is There Another Way?	Graham, Susan
No Complaints	Burton, James H.
Piano Appraisals: The Case For Compromise	Brady, Steve
Polishing & Tarnish-free	Graham, Susan
Promoting The RTT	Berry, Ronald L.
Set Up	Berry, Ronald L.
The Introduction Of The Pianoforte In The U. S.	Greenfield, Jack

KEYWORDS:

Action centers, Action Parts, Appraisals, Associations And Their Publications, Bearing On The Old Soundboard, Brass, Business, Computers, Grand Leg and Lyre Repair, History, Is There Another Way?, Journal, Leg grand, Lubricants and Cleaners, Lyre, Membership, No Complaints, P.T. Guild & Music Industry, Parts, Piano Appraisals: The Case For Compromise, Piano early, Piano Technicians Guild, Polishing & Tarnish-free, Promoting The RTT, Rebuilding, Renews-it, Repair, Self Examination, Set Up, Soundboard, The Introduction Of The Pianoforte In The U. S., Tool case/jack support, Tools & Equipment

December 1988

CD# 2

Articles

TITLE	AUTHOR
"Blind" Pinblock Screws	Cook, C.
Differences Between Grand And Vertical Actions	Fandrich, Darrell / Trivelar, C
EMC And Soundboards	Gravagne, Nick
Inharmonicity And Inharmonicity Formulas	Baldassin, Rick L.
Is There Another Way?	Casdorf, D.
No Second Chance	Reed, F.
Repairing A Broken Leg Plate	Graham, Susan
The Piano Business During The Month of Dec.	Berry, Ronald L.
The Technical Forum	Waltrip, B.
Tuning By Flame	Neblett, Norman
Understanding The Economics Of Your Marketplace	Leary, Janet

KEYWORDS:

"Blind" Pinblock Screws, Acoustics, Action centers testing scale (tool), Action Parts, Broaches center pin, Business, Customer Relations, December, Differences Between Grand And Vertical Actions, Differences: grand & vertical, Economics, EMC And Soundboards, experiences, Inharmonicity, Inharmonicity And Inharmonicity Formulas, Is There Another Way?, Leg plate, No Second Chance, Parts, Pinblock screws hidden, Rebuilding, Regulating, Repair, Repairing A Broken Leg Plate, Repetition lever, Soundboard moisture, Spring damper tension, Springs damper tension, Technicians, The Piano Business During The Month of Dec., The Technical Forum, Tools & Equipment, tuning, Tuning By Flame, Understanding The Economics Of Your Marketplace

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January 1989

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Articles

TITLE	AUTHOR
Membership	Zeringue, Nolan P.

KEYWORDS:

Membership, Piano Technicians Guild

February 1989

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Articles

TITLE	AUTHOR
Are There Other Ways to Do This?	Barr, David
Plate Suspension: Another Look	Gravagne, Nick
Restoring Antique Pianos	Swenson, Edward
Some Thoughts on Unstable Tuning	Bowman, Daniel
The Fandrich Vertical Action	Fandrich, Darrell / Trivelas, C
The Technical Forum	Graham, Susan
Tuning Up	Hoffsommer, C.
Vertical Shank Replacement	Henry, Fern
What Is The Home Office?	Berry, Ronald L.

KEYWORDS:

Actions, Antique restoration, Are There Other Ways to Do This?, Business, Carpal tunnel, Health & Safety, Home Office, Income, New Vertical Action, Pedals lyre, Piano Technicians Guild, Pianos, Plate, Plate Suspension: Another Look, Rebuilding, Repair, Restoring Antique Pianos, Restringing, Shanks vertical, Some Thoughts on Unstable Tuning, Stability, The Fandrich Vertical Action, The Technical Forum, Tuning, Tuning Up, Vertical Shank Replacement, What Is The Home Office?

March 1989

CD# 2

Articles

TITLE	AUTHOR
A Concert Pianist's Point of View	Baldassin, Rick L.
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Meeting the Customer	Zeringue, Nolan P.
Setting Up The PTG Technical Exam	Spurlock, Bill
String Repairs In The Field	Spurlock, Bill & Henry, Fern L.
The First Century of the Piano	Greenfield, Jack
The Future of Pianos	Berry, Ronald L.
The Low-Tech EMC Gauge	Gravagne, Nick
The Technical Forum	Anderson, R.
The Technical Forum	Funk, F.
The Technical Forum	Graham, Susan
The Technical Forum	Graham, Susan
The Technical Forum	Janes, Robert L.
The Technical Forum	Sadigursky, I.
Tuning Up	Anderson, R.
Tuning Up	Baldassin, Rick L.
What Do We Do Here?	Goldsmith, Larry
What Kind of Work Do You Do?	Root, Carl
Why Pianos Go Out Of Tune (Faster Than They...)	Juhn, Ernie

KEYWORDS:

A Concert Pianist's Point of View, A or C fork, Agraffe, Agraffes, Beat locator, Beats, Business, Chronology, Composers, Concert pianists, constant, Customer Relations, Equipment, Examiners, Exams, experiences, grand, History, Home Office, in bass strings, Income, Legs piano, Locked In, Manufacturers, Meeting the Customer, Moisture gauge, Musicians, NAMM report, Parts, parts, Pedals, Pianists, piano history, Piano Industry, Piano Technicians Guild, Pianos, Regulating, Repair, Setting Up The PTG Technical Exam, Stability, stability, stretch calculator, String Repairs In The Field, Strings, Strings cover for, Technicians, temperament, The First Century of the Piano, The Future of Pianos, The Low-Tech EMC Gauge, The Technical Forum, Tools & Equipment, treble, Tuning, Tuning Up, What Do We Do Here?, What Kind of Work Do You Do?, Why Pianos Go Out Of Tune (Faster Than They...)

April 1989

CD# 2

Articles

TITLE	AUTHOR
close-up photo	Gravagne, Nick
History of Musical Pitch in Tuning the Pianoforte	Swenson, Edward
Lowering the Plate, Part I	Gravagne, Nick
String Repairs In The Field Part II	Spurlock, Bill & Henry, Fern L.
String Repairs In The Field, Part II	Spurlock, Bill
The Human Computer	Pollard, Allan E.
The Importance Of Membership	Goldsmith, Larry
The Pedalbox and Trapwork	Graham, Susan
The Super-Temperament and Tuning	Fairchild, Steve
The Technical Forum	Magnusson, W.
The Technical Forum	Spurlock, Bill
The Technical Forum	Waltrip, B.
The World Community of Piano Technicians	Berry, Ronald L.
Tuning Up	Baldassin, Rick L.
Tuning Up	Neblett, Norman
Your Labor - A Business Expense	Root, Carl

KEYWORDS:

Action Parts, Business, close-up photo, Eye Protection, Fire extinguishers, Flexible air nozzle, Health & Safety, History, History of Musical Pitch in Tuning the Pianoforte, Income, International, ivory, Key top ivory, Keytops, Lowering the Plate, Lubricants and Cleaners, Membership, P.T. Guild & Music Industry, Part I, Part II, Parts, Pedals, Piano Technicians Guild, Pitch, Plate lowering, Rebuilding, Repair, Self Examination, Stability, Stretch Calculator, String Repairs In The Field, String Repairs In The Field Part II, Strings, Strings broken, Strings knots, Technicians, The Human Computer, The Importance Of Membership, The Pedalbox and Trapwork, The Super-Temperament and Tuning, The Technical Forum, The World Community of Piano Technicians, Theory, Tools & Equipment, Tuning, Tuning fork, Tuning Up, VJ lube, Your Labor - A Business Expense

May 1989

CD# 2

Articles

TITLE	AUTHOR
Common Key Repairs	Henry, Fern
Conversations... Garrick Ohlsson	Baldassin, Rick L.
Grand Pedal Regulation	Graham, Susan
How The Science Of Musical Sound Began	Greenfield, Jack
Plate Lowering: Part Two	Gravagne, Nick
Program Your Computer	Pollard, Allan E.
Shop-Built Moisture Meter	Liftig, R.
Tax Topics	Leary, Janet
Ten Clues to New Ideas	
The Super-Temperament and Tuning, Part II	Fairchild, Steve
Your Rights and Responsibilities	Berry, Ronald L.

KEYWORDS:

Acoustics, Action Parts, Bushings key, Business, Capstans, Common Key Repairs, Composers, Concert pianists, Conversations... Garrick Ohlsson, Council, Grand Pedal Regulation, History, How The Science Of Musical Sound Began, Key bushings, Key button, Moisture gauge, Musicians, P.T. Guild & Music Industry, Part II, Parts, Pedals grand regulation, Pianists, Piano Technicians Guild, Plate lowering, Plate Lowering: Part Two, Program Your Computer, Ptolemy, Pythagoras, Rebuilding, Repair, Self Examination, Shop-Built Moisture Meter, Tax Topics, Taxes, Ten Clues to New Ideas, The Super-Temperament and Tuning, Theory, Tools & Equipment, Tuning, Your Rights and Responsibilities

June 1989

CD# 2

Articles

TITLE	AUTHOR
Efficient Piano Tuning, Part I	Huether, Charles P.
Hammer Flange Pinning & Touchweight	Baldassin, Rick L.
Hammer Flange Pinning & Touchweight	Rice, Paul
Posey Sounds Off	Fisher, Jim
Raising Pitch	Baldassin, Rick L.
Setting the Plate on The Dowels	Gravagne, Nick
The Piano Book by Larry Fine	Campi, Michael
The Technical Forum	Graham, Susan
Touchweight	Tremper, Fred W.
Wool Cloth Bushings	Spurlock, Bill

KEYWORDS:

Action centers, Action centers repining, Action Parts, Actions centers repining, Book Review, Bushings damper rod, Business, Customer Relations, damper guide rail, damper rod, easing, Efficient Piano Tuning, Felts wools, glue for, Hammer Flange Pinning & Touchweight, Manufacturers, Materials, Part I, Parts, Pitch raising, Plate repositioning, Posey Sounds Off, Raising Pitch, Rebuilding, Regulating, Repair, Setting the Plate on The Dowels, Soundboard, The Piano Book by Larry Fine, The Technical Forum, Theory, Touchweight, Touch-weight, Tuning, Wood, Wool Cloth Bushings

July 1989
CD# 2
Articles

TITLE	AUTHOR
Aural Verification	Berry, Ronald L.
Bearing, Bridges and Bonanno	Gravagne, Nick
Capstan Regulating Pliers to Remove Elbows	Seitz, Al
Efficient Tuning, Part II	Huether, Charles P.
Key Leading	Graham, Susan
More On Tuning Instability	Juhn, Ernie
Removing Plastic Elbows	Seitz, Al
Restoring Antique Pianos	Swenson, Edward
Self-Esteem And The Piano Tuner	Barr, David
Shank Knurling	Black, G.
Springs in Vertical Actions	Henry, Fern
Stretch Calculations	Berry, Ronald L.
The Journal	Goldsmith, Larry
The Official PTG Rebuilding Contract	Root, Carl
The Piano Technicians Guild Foundation	Berry, Ronald L.
Tuning Up	Baldassin, Rick L.
What's a Diagonal Bar?	Kean, Kerry
Wire Mute to Insert Strip Mute	Fritz, L.

KEYWORDS:

Action Parts, Attitudes, Aural Verification, bass, Bearing, Bridges and Bonanno, Business, Capstan Regulating Pliers to Remove Elbows, Contracts, Cord, Cord spring, damper, Downbearing, Efficient Tuning, Elbow remover, Elbows, Elbows removing, Electronic, Foundation, Inharmonicity, Journal, Key Lead, Key Leading, Key leading, Leather, Materials, More On Tuning Instability, Mutes, octaves, Part II, Parts, Piano Technicians Guild, Pins tuning, Pitch, Plate diagonal bar, Rail butt spring, Rebuilding, removing, Removing Plastic Elbows, Repair, repair, Restoring Antique Pianos, Screw holder, Self-Esteem And The Piano Tuner, Shank Knurling, Shanks knurling, Springs in Vertical Actions, Springs vertical, Stability, Stings bass, Stretch Calculations, Technicians, The Journal, The Official PTG Rebuilding Contract, The Piano Technicians Guild Foundation, Tools & Equipment, Tuning, Tuning Up, What's a Diagonal Bar?, Wire Mute to Insert Strip Mute

August 1989

CD# 2

Articles

TITLE	AUTHOR
Before the Concert with Jeffrey Kehane	Baldassin, Rick L.
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KEYWORDS:

Acoustics, Actions, adhesives, Before the Concert with Jeffrey Kehane, bridge repair, Bushings tuning pin, Business, Composers, Concert pianists, Construction unusual, Cristofori's Pocket Money, Efficient, Efficient Tuning, epoxy applicator bridge pins, experiences, Galileli, Gioseffo, History, IAPBT, Income, International, Jack-in-a-box, Marin, Mersenne, Musicians, New Soundboard Old Bridge, Noises, Part I, Part III, Parts, Pianists, Pianos, Pulling Piano Actions, Rebuilding, Removing, Renaissance Music Science: Merrenne's, Soundboard bridge, Stability, String calculations, Technicians, The Bird, The IAPBT Convention, The Technical Forum, Theory, Tools & Equipment, Trouble-shooting chart, Troubleshooting Noises, Tuning, Tuning Up, Vincenzo, Zarlina

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Piano Parity (class review)	Kiel, Mitch
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KEYWORDS:

1989 Exhibits and Exhibitors, 1989 PTG Awards, A Brief History of the PTG Tuning Test, A Master Class in Temperament Tuning, Acoustics, Action centers reaming, Action Parts, Actions, Aural Fine Tuning for Electronic Tuners, Aural Skills, Awards, Basic Aural Tuning, Business, College & University Technicians Seminar, comma of Pythagoras, Convention, Elbows replacing Plastic, electronic stretch calculator, Equal Temperament, Equal temperament, Exams, Galileo, Go bars/deck, Grand Piano Remanufacturing, Grand Piano Remanufacturing (class review), Health, health, How Good is Your Health Insurance?, How Important Are Aural Skills for The RTT?, Impressions From Portland, Institute class review 1989, institute class review 1989, Institute class review 89, Insurance, Introduction of Equal Temperament, Is There A Better Way?, Key Lead Removal, Lutes, medical, Medicare, Moving, New Vertical Action, Nickel and Dime Quality Tools, Parts, Piano Parity (class review), Piano Technicians Guild, Pianos, Pianos: A Moving Experience, Rebuilding, Ribs, Soundboard, Spielart, Temperaments historical, Tools & Equipment, tuning, Tuning, Tuning The Historical Temperaments by Ear, use of metronome

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The Stretch Calculator: Another View	Baldassin, Rick L.
The Technical Forum	Graham, Susan
Tuning Up	Swofford, K.
Tuning Up	Tremper, Fred W.

KEYWORDS:

A Few Words About the Journal, Acoustics, Agraffe installation, Agraffes, And Now, Business, Chapter management, Communication Is Key, Communications, Customer Relations, Details and Decisions, Drum Repetition, Equal temperament, Felt punching compressor, Freedom, Frequency formulas, Grand Repetition, Hammer tail length, Journal, Key dip block, Key Leveling, Key leveling, Key spacing, Lengthening Tails for Better Repetition, New Soundboard Old Bridge, Part II, Piano Technicians Guild, Plate repositioning, reamer, Rebuilding, Rebuilding: Tips Procedures And Tools, Regulating, Repetition, reversible motor, Spread measurement, squaring, Stretch Calculator, The First-Time Call, The Stretch Calculator: Another View, The Technical Forum, Tools & Equipment, Tuning, Tuning Up, wrench, writing for

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KEYWORDS:

A Handcrafted Wooden Toolbox, Acoustics, An Interview With Concert Artist Arie Verdi, Behind The Scenes, Case polyester, Chapter News, Committees, Composers, Concert pianists, Early Research on Velocity of Sound In Air, Exams, Hammer alignment to strings, Hammer Filing, Hammer travel, Hammers Fitting to strings, Hammers ironing, How The Soundboard Really Works (Del Fandrich), Indiana, Institute class Review 89, Learning to Pass The Tuning Exam, Membership dues, Musicians, P.T. Guild & Music Industry, Parts, Pianists, Piano Technicians Guild, PTJ Poems Songs Stories, Regulating, Repair, Self Examination, Sound Velocity, Soundboard, The PTG Asian Tour, The Technical Forum, Theory, Tool case & portfolio, Tools & Equipment, Tour, Tuning, Twelve Things to Remember, Vertical, Vertical Regulation, Voicing, What's It Worth, Wire seating, Yardsticks

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KEYWORDS:

Appraisals & Consultation, Appraisals and Purchase Consultations, Asian Tour II, Basic Skills, bench tools The Technical Forum, Book Review, Bridle wires, Business, Checking vertical, Dampers vertical, Equal temperament, Exams, Freedom, History, Jack stop rail, Key level and dip vertical, Learning to Pass The Tuning Exam, Let-off, Membership survey, Parts Rebuilding Baldwin Accu-Just Downbearing Soundboard stress Good Vibrations Questions Answered: Baldwin Assembly; Stress Systems Stiffness, Pedals, Piano early, Piano Technicians Guild, President's Message, Regulating, Service calls home, stability, The Educated Piano by Edward J. McMorrow, The exam piano, The Technical Forum, Tools & Equipment, Tools of Early Piano Building, Tour, Tuning, Tuning Up, Vacuum cleaner, Vertical, vertical, work table

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Welcome to the '90s	Goldsmith, Larry

KEYWORDS:

A Question of Rib Dimension, Acoustics, Action Centers, alcohol, Animal Hide Glue, Beats, Bridge Repair, bushing cloth, Center Pins--brass, Costs of Getting to the Job BUSINESS Economic Affairs, Cyanoacrylate glues, Dallas 1990 PIANO TECHNICIANS GUILD PTG's Texas Roundup, Death Notice, Diagnosing Repetition Problems in Vertical Pianos, Downtown Dallas - A New look PIANO TECHNICIANS GUILD PTG's Texas Roundup, Elasticity, Freon, Frequency, Friction, Glue Pot, Hammers: The Limits of Power, Harmonic, How to Pass the PTG Tuning Exam: Part III, Improving our Public Relations BUSINESS, Inharmonicity, Interval, Many Musicians Make a Pitch for Lower Tuning, naphtha, nickel brass, Phillips screw, Pitch, Pitch Measurement and Vibration Theory; Science of Acoustics Est., Pitch Setting, Pitch TUNING Tuning Up, plated, Poor Repetition, Power, Pozidriv, Projection, Realizing the Value of Our Volunteers PIANO TECHNICIANS GUILD President's Message, Rebuilding, Reconditioning, Repair, Running Fair Technical Exams EXAMS PTG Exams, Sam Becker, silicone, Sluggish Action, Sound, Soundboard, Super Glue, Sustain, Temperament, The Technical Forum, Tone, Tone Color, Tuning, Tuning Fork, verdigris, water,, Welcome to the '90s PIANO TECHNICIANS GUILD From the Home Office, What's Acoustics, Whippen Spring Tension

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Learning to Pass the PTG Tuning Exam: Part IV	Travis, Michael
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Soundboard Evaluation; Scrapers; Pianos in Earthquake Country	Graham, Susan
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KEYWORDS:

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KEYWORDS:

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TITLE	AUTHOR
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KEYWORDS:

Membership Matters PIANO TECHNICIANS GUILD President's Message

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KEYWORDS:

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KEYWORDS:

1990 Institute Class Schedule PIANO TECHNICIANS GUILD PTG's Texas Roundup, A. Tony Novinski, Convention Draws Near PIANO TECHNICIANS GUILD President's Message, Dallas Chapter Moneymakers PIANO TECHNICIANS GUILD PTG's Texas Roundup, Damping, Dear Susan, Death Notice, Engineering, Expansion of Musical Acoustics in the 18th Century, Friction, Harmonics, Larry S. Hiller, Learning to Pass the PTG Tuning Exam; Part VII: Treble, Leverage, Lift, More on Bridge Re-Working; And Introduction to Recapping, New President Announced At Yamaha INDUSTRY Industry News, Partials & Nodes, Piano Action Touchweight & Lever Mechanics, Pinning, Quality Assurance, Rebuilding, Reconditioning, Regulation, Repair, Repetition, Research & Development, Ringing, Soundboard Repair & Refinishing: Part V, Steinway, The Making of a Continent PIANO TECHNICIANS GUILD PTG's Texas Roundup, The Pie INDUSTRY From the Home Office, The Treble, Tools, Treble Octave Stretching, Tuning, Vertical Piano Damper Replacement: Part I, Vibrating String, Vibration, Weight

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KEYWORDS:

1990 Institute Program PIANO TECHNICIANS GUILD PTG's Texas Roundup, A Marketable Skill, Associations Advance America Business From the Home Office, Bridge Recapping: Location & Measurement, Business, Dallas Chapter Preparing for Convention PIANO TECHNICIANS GUILD PTG's Texas Roundup, Goodbye PIANO TECHNICIANS GUILD President's Message, Lacquer, Learning to Pass the PTG Tuning Exam; Part VIII: High Treble, Leverage, Lift, More Dallas Attractions PIANO TECHNICIANS GUILD PTG's Texas Roundup, Piano Action Touchweight; Part II, Piano Management, Rebuilding, Reconditioning, Regulation, Repair, Shellac, Soundboard Repair-Refinishing Part VI: Finish, The High Treble, Treble Tuning Again TUNING At Large, Tuning, Varnish, Vertical Piano Damper Replacement: Part II, Weight, Wire Bending

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TITLE	AUTHOR
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Death Notice...Art Flashman	Scott, Brian
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From the Mailbag	Graham, Susan
Introducing...Our New President	Zeringue, Nolan
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New Life For Old Hammer Shanks	Graham, Susan
Secrets of the Superglues	Hand, A. J.
Stability	Baldassin, Rick L.
The Una Corda in Voicing	Graham, Susan
Tones Created by the Ear	Greenfield, Jack

KEYWORDS:

Acoustics, Adhesives, Art Flashman, Brass Flanges, Bridge Recapping: Removing the Old Cap, Cleaning, Climate Control, Death Notice, Friction, From the Mailbag, George Defebaugh, Glues, Hand Planing, Introducing...Our New President PIANO TECHNICIANS GUILD President's Message, Jack Flange Resistance, Knuckles, Learning to Pass the PTG Tuning Exam; Part IX: Stability, Lubricants, New Life For Old Hammer Shanks, Poor Repetition, Rebuilding, Reconditioning, Regulation, Repair, Secrets of the Superglues, Setting the Pin, Setting the String, Stability, Sticking Keys, Test Blow, The Una Corda in Voicing, Tones Created by the Ear, Tools, Touchweight, Tuning, Unison

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KEYWORDS:

An Open Letter to PTG Members to Promote Piano Lessons, Business, Concert and Artists INDUSTRY Industry News, Convention Tuning Classes, Dallas Convention Draws More Than 850 For Week of Work and Fun PIANO TECHNICIANS GUILD PTG's Texas Roundup, Dallas Institute Classes (re: Convention) PIANO TECHNICIANS GUILD Class Reviews, Education, Gluing Grand Hammers-A Factory Method, Grand Hammers Part I; Selection & Boring, Grand Voicing, Keytops, Learning to Pass the PTG Tuning Exam; Part 10: Unisons, Leverage, NAMM Representatives Unveil Plan to Support Music Education INDUSTRY PTG's Texas Roundup, National Piano Foundation Video Wins National Industry Honor INDUSTRY Industry News, New 1990 Bosendorfer, One Week In Dallas PIANO TECHNICIANS GUILD From the Home Office, Piano Action, Pianos, PTG Committee PIANO TECHNICIANS GUILD President's Message, Rebuilding, Renting Pianos For Fun & Profit, Repair, Sharps, Steinway & Sons Names Schuyler Chapin Vice President, Tone, Tools & Modification of Tools, Touch, Troubleshooting the Piano Service Business, Tuning-Do Your Own Thing, Understanding Workers' Compensation, Unisons TUNING Tuning Up, Vertical Hammer Installation

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TITLE	AUTHOR
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KEYWORDS:

Acoustics, Chapter Participation PIANO TECHNICIANS GUILD President's Message, Chladni's Vibration Patterns, Comeback of the Piano INDUSTRY, Even More on Tuning Stability, Friction, Grand Hammers Part II; Tail Shaping, Information PIANO TECHNICIANS GUILD From the Home Office, Interval Tests, Lubricants, More on Leverage, More Tuning Class Reviews, Noises, Progress Is Not Made By Contented People BUSINESS Business, Rebuilding, Reconditioning, Removing the Old Bridge Top With Power Tools, Repair, Repetition, Stanwood Action: A New Action System For the Grand Piano, Touchweight, Tuning

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School District Contracts	Barr, David
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KEYWORDS:

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KEYWORDS:

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KEYWORDS:

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KEYWORDS:

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KEYWORDS:

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KEYWORDS:

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KEYWORDS:

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The Ideal Aural Tuning, Part II	Coleman, James W.
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KEYWORDS:

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KEYWORDS:

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Tuning Spinets	Baldassin, Rick L.

KEYWORDS:

Acoustics, Death Notice, E. Vann Grimley, Listen To Your Customers BUSINESS President's Message, Part IV, Pitch Raise, Rebuilding, Reconditioning, Repair, Replacing A Full-Fit Grand Pinblock, Sound Wave and Vibration Studies From Early to Mid-19th Century, The Ideal Aural Tuning, Tuning Spinets

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KEYWORDS:

Action Centers--The Secret of Consistent Touch (Class Review), Business, Continuing Our Success PIANO TECHNICIANS GUILD President's Message, Convention Report--Exhibit Hall, Convention Review, Death Notice, Disklavier--The Future of the Piano (Class Review), Dual American Economy, Economics & the Piano Technician-An Intro., Felt, First Annual Wolfies Awarded to Advertisers INDUSTRY Industry News, Fitting The Block to the Flange, Fred W. Wallace, Friction, Hammers, Marketing, Milestones Past - And Future PIANO TECHNICIANS GUILD From the Home Office, Piano Evaluation, Pianos, Pianos Without Sheep? (Class Review), Pinblock, Pinblock Installation (Class Review), Player Pianos, Rebuilding, Regulation, Repair, Servicing The Service Business (Class Review), Shop Procedures For Fun & Profit (Class Review), Spielart--How to Determine Tone & Touch Quality (Class Review), Temperaments of the Masters (Class Review), The Fandrich Action-A Grand Action For A Vertical Piano(Class Review), Tools, Tuning, Voicing, Voicing--Theory & Practice (Class Review), Why in the World Did They Do That? (Class Review)

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KEYWORDS:

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KEYWORDS:

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The Creation of a Monster	McKlveen, Ben
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The Piano Technicians' World Gets Smaller	Berry, Ronald L.

KEYWORDS:

& Retrospectives, Action Repair, Business, Creating A Pricing Model For Your Business, Epoxy, Fiberglass, Glue Pots, Hire An Assistant & Increase Your Hourly Earnings, Humidity Within the Home, Income, International Relations, Pricing, Replacing Upright Hammer Butt & Catcher Coverings, Resolutions, springy tuning pins, Swan Song MISCELLANEOUS Tuning Up, The "Marshmallow Zone" Re-Visited, The Creation of a Monster PIANO TECHNICIANS GUILD Go for the Gold, The Holiday Season: Gifts, The Piano Technicians' World Gets Smaller, Tools, Tuning, Tuning stability, twisting bending

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TITLE	AUTHOR
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KEYWORDS:

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KEYWORDS:

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TITLE	AUTHOR
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What Is Public Relations?	Lynes, Judy
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KEYWORDS:

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KEYWORDS:

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Sacramento Side Trips	Bryant, Jim
Soundboard Crack Repair, Part 2	Spurlock, Bill
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KEYWORDS:

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KEYWORDS:

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And Relating To Bearings, Trying To Find Ours	Huether, Charles P.
De-Mystifying Electronic Player Systems	Kemper, Mike
Fitting the Pinblock to the Flange	Gravagne, Nick
From The Mailbag	Harvey, Jim
International Relations	Huether, Charles P.
Shank Sleeves On The Rise (Part 2)	Beaton, Dick
Speaking Of Mechanics	Day, Chris
Speech By Charlie Huether	Berry, Ronald L.
Stability Tuning Technique Part 1-Setting a Stable Pin	Bowman, Daniel
Technical Forum	Harvey, Jim
Temperament Refinement Procedures	Swafford, Kent
The Public's Right To Know	Henry, Fern
The Shank Sleeves Are Gonna Rise Again	Brannin, Larry T.

KEYWORDS:

"The Unknown Artist", 1989, And Relating To Bearings, bearing point friction, bearing vs temperament, checks, contiguous intervals, De-Mystifying Electronic Player Systems, digital media, false beats, film shown, Fitting The Pinblock To The Flange, From The Mailbag, information age, International Relations, Japan, MIDI interface, nomenclature, notching, Part 1, pin flex, plate flange, PTG publicity, screw-driver collar from, Setting A Stable Pin, setting strings at bridge pins, Shank Sleeves On The Rise (Part 2), sleeve and shank segments as cutting gauge, Speaking Of Mechanics, Speech at Kyoto, Speech By Charlie Huether INTERNATIONAL International Relations, Stable Tuning Techniques, string elasticity, string speaking length, Technical Forum, Technical Forum format, Temperament Refinement Procedures, termination points, The Public's Right To Know, The Shank Sleeves Are Gonna Rise Again, tool for setting strings at bridge pins, tools, Trying To Find Ours, tuning tests, upright, vertical hammer repair

September 1992

CD# 3

Articles

TITLE	AUTHOR
Adapting Microsoft Works for DOS to a Piano Tech's Business Needs	Gardner, Larry
At Your Service	Collier, Colette
Committed to the Task	Henry, Fern
Gluing in the Pinblock	Gravagne, Nick
In Memory... James H. Shadd	
In Memory... Roger Lowell McRoberts	
Plate Fastener Tightness As Part Of Regular Service	Harvey, Jim
Sacramento Convention.. Time Tested Tradition.. PProgram of Progre	
Stable Tuning Technique Part 2-Setting a Stable String	Bowman, Daniel

KEYWORDS:

1992 convention & technical institute review, Adapting Microsoft Works For DOS To A Piano Technician's Business, At Your Service, bearing point friction, bolts, Committed To The Task, database, Death Notice, development, elasticity, Gluing In The Pinblock, height, In Memory... James H. Shadd, In Memory... Roger Lowell McRoberts, invoicing, mail merge, Part 2, PC computer applications, Plate Fastener Tightness As Part Of Regular Service, programs, PTG Chapter service, PTG committee restructure & appointments, Sacramento Convention.. Time Tested Tradition.. Program of Progress, screws, Setting A Stable String, Stable Tuning Techniques, To rim, tuning lags

October 1992
 CD# 3
 Articles

TITLE	AUTHOR
Alpha News, Washington DC Newsletter	
At Your Service	Collier, Colette
Buffalo Newsletter	McNeil, Thomas
Coming to Consensus	Henry, Fern
Doweling The Pinblock	Gravagne, Nick
Hyatt Regency Sacramento: 35th Annual Convention & Technical Inst	Henry, Jami
Indy 440, Indianapolis Newsletter	
Mason and Rich 9' Grand Donated To George Brown College	Thgil, Noj
Mason and Risch 9' Grand Donated to George Brown College Newsletter Clipping	Fleming-Read, Anne
Northern Virginia Newsletter	Staff
Piano e Forte, Eugene Oregon Newsletter	Harvey, Jim
Piano e Forte, Eugene Oregon Newsletter	Sapp, David
Promote Proper Piano Care With PTG Business Aids	De Tar, Brian
Promoting Your Business & Pianos: Using the New PTG Business Aids	Neiderhiser, Steve
Sacramento Convention Test Center Report And Examiner Recognition	Spurlock, Bill
Stable Tuning Technique Part 3 - Setting a Stable Pin/Sting Unit Technical Form	
The Keybed, Connecticut Newsletter	Travis, Michael
What is the PTG Foundation	
	Bowman, Daniel
	Harvey, Jim
	Gina, Bonfietti
	Dornfeld, Bruce

KEYWORDS:

abrasives, Alpha News, At Your Service, brochures, Buffalo Newsletter, Chapter meeting technical question & answer session, client newsletter, Coming To Consensus, Connecticut Newsletter, Doweling The Pinblock, Eugene Oregon Newsletter, gadgets, grand key upstop rails, Grand Trap, Guilds, hammer trimming felt for paint brush, hinge rattle, historical archive, history, hitch pin breakage?, Hyatt Regency Sacramento: 35th Annual Convention & Technical Institute, hygrometer, Indianapolis Newsletter, Indy 440, installing upright hammer spring rails, lubricants, marketing, Mason and Rich 9' Grand Donated To George Brown College, Mason and Risch 9' Grand Donated to George Brown College INDUSTRY Inside Story, museum, Newsletter Clipping, Northern Virginia Newsletter, origins, Part 3, pedal box repair, photographic review of 1992 institute, Piano e Forte, pin twist, pressure bar, Promote Proper Piano Care With PTG Business Aids, Promoting Your Business And Pianos: .. The New PTG Business Aids, PTG chapter competition, PTG exam, PTG membership classification, rebuilding, Registered tuner technician vs. registered piano technician, research resources, restringing, RTT vs RPT, Sacramento Convention Test Center Report And Examiner Recognition, scotch-brite, Setting A Stable Pin/String Unit, Stable Tuning Techniques, string bearing friction, string breakage, technical bulletins, Technical Form, Technical Forum, The Keybed, thermometer, tools, unusual design modifications to piano, upright, v-bar, vertical string spacing, Washington DC Newsletter, What Is The PTG Foundation?

November 1992

CD# 3

Articles

TITLE	AUTHOR
36th Annual Sacramento Convention & Technical Institute, 92 Revie	Harvey, Jim
A Fat Pitch	Kiel, Mitch
A Museum of Piano Technology	Dornfeld, Bruce
A Visit to England	Juhn, Ernie
Custom Grand Hammer Installation	Harvey, Jim
Don't Be Afraid Of Square Pianos	Harvey, Jim
European Tour Planned for '93	Berry, Ronald L.
Expanding Income Via No Pressure Marketing	Harvey, Jim
From The Bottom Up	Harvey, Jim
Gulbransen MIDI-Piano Retrofit	Harvey, Jim
Introspective	Valley, Donald S.
Managing Your Time	Harvey, Jim
MIDI, For Non-MIDI Persons	Harvey, Jim
Pinblock Layout & Cutting: Another Look	Gravagne, Nick
Reliable Grand Regulating	Harvey, Jim
Restoring The Vertical Keys & Action	Harvey, Jim
Shop Procedures For Fun & Profit	Harvey, Jim
Steinway Design: Form Follows Function	Wood, Doug
Steinway On Stage	
The Disposal Of A Piano Service Business	Harvey, Jim
The False Beat Stops Here	Harvey, Jim
Time Is Money	Smith, Evelyn
Topic A: Associates	Henry, Fern
Tuning with Hearing Aids? Certainly!	Bowman, Daniel

KEYWORDS:

1992, 1992 technical institute class review, 36th Annual Sacramento Convention & Technical Institute, 92 Review, A Fat Pitch, A Museum of Piano Technology PIANO TECHNICIANS GUILD Foundation News, A Visit To England, Another Look, Associates, Business, Custom Grand Hammer Installation, Don't Be Afraid Of Square Pianos, economy, encouraging upgrade examinations, European Tour Planned For 1993, Expanding Income Via No Pressure Marketing, For Non-MIDI Persons, From The Bottom Up, Gulbransen MIDI-Piano Retrofit, humorous, installing new, international relations, Introspective, involvement, lecture-performance, Make Plans To Attend, Managing Your Time, Marketing, MIDI, Pinblock Layout & Cutting, prejudice against, price ranges, PTG membership classification, rebuilding, Reliable Grand Regulating, Restoring The Vertical Keys & Action, restringing, rights, Shop Procedures For Fun & Profit, special features for piano sound, Steinway Design: Form Follows Function, Steinway On Stage, The Disposal Of A Piano Service Business, The False Beat Stops Here, Time Is Money, Topic A: Associates, Tuning With Hearing Aids? Certainly!, types

December 1992

CD# 3

Articles

TITLE	AUTHOR
Anatomy Of A National Technical Institute	Juhn, Ernie
And While Your At It	Harvey, Jim
Budgeting For the Future	Henry, Fern
Buffing The Apple	Kiel, Mitch
Chris' Perspectives	Day, Chris
Computers And Software	Harvey, Jim
Drilling Tuning Pin Holes	Gravagne, Nick
Heating & Cooling As Told By the Piano	Bowman, Daniel
In Memory... Melvin J. Light	
In Memory... Walt Thatcher	Reichert, Bill
Update On Key Leads And Termites	La Motta, Ray
What Is Your Time Worth?	Harvey, Jim
Wrapping Up 1992 & Venturing Onward	Harvey, Jim

KEYWORDS:

adhesives, airflow, Alternate tunings, Anatomy Of A National Technical Institute, And While Your At It, As Told By The Piano, Budgeting For The Future, Buffing The Apple, ceiling fans, Chris' Perspectives, Computers And Software, cost constraints, Death Notice, Drilling Tuning Pin Holes, epoxy, Heating & Cooling, historical temperaments, humor, In Memory... Melvin J. Light, In Memory... Walt Thatcher, influence of humidity on pitch, installing new pinblock, Lotus Works, marketing ourselves, mini- regulation, new directions, PC Computer applications, PFS, planning & preparation, programs, PTG services, public building air handler systems, rebuilding, Restringing, Technical Forum, tuning, Update On Key Leads And Termites, vermin, Vikane gas, What Is Your Time Worth?, Wrapping Up 1992 & Venturing Onward

January 1993

CD# 3

Articles

TITLE	AUTHOR
Active Chapters, Strong Guild	Henry, Fern
At Your Service	Collier, Colette
Comparing Interval Beat Speeds Intuitively	Bowman, Daniel
Historic Milwaukee Offers Visitors Glimpses Into the Past	Marten, James and Linda
Historic Milwaukee Offers Visitors Glimpses Into The Past...	Marten, James & Marten, Linda
In Memory...Harold Standring	Woitasek, Walter J.
Knowledge on Tap	Neie, Gary
PTG Dues Due January 1	
The 1993 PTG Tour Of Europe	Hilbert, Ed
The Right Way, The Wrong Way and ""My"" Way	Harvey, Jim
The Right Way, The Wrong Way, And "My" Way	Harvey, Jim
Tuning Pin Torque & Tuning That Too-Tight Pin	Gravagne, Nick

KEYWORDS:

1993, 1993 PTG Convention and Technical Institute Preview, 1993 PTG Convention Preview, 1993 PTG European Tour Preview, Active Chapters, And "My" Way, At Your Service, Come See What's Brewing In '93!, Comparing Interval Beat Speeds Intuitively, comparison of beat rates, contour, Death Notice, effect on touch weight, experience, grand jack shape, Historic Milwaukee Offers Visitors Glimpses Into the Past PIANO TECHNICIANS GUILD Convention, Historic Milwaukee Offers Visitors Glimpses Into The Past..., In Memory...Harold Standring, intervals, Knowledge On Tap, Learning, Milwaukee sites, on the job training, points of interest, preparation, PTG Chapter activities, PTG Dues, PTG Dues Due January 1, repetition lever window, services, State regional seminar planning, Strong Guild, The 1993 Piano Technicians Guild Tour Of Europe, The Right Way, The Wrong Way, training options, Tuning Pin Torque & Tuning That Too-Tight Pin TUNING, Tuning test

February 1993

CD# 3

Articles

TITLE	AUTHOR
Advancing Our Profession Through Education	Henry, Fern
An Abridged Treatise on CPL's, CLP's and Action Centers	Harvey, Jim
At Your Service	Collier, Colette
Before You Unstring That Piano-Look!	Gravagne, Nick
Five Lectures on the Acoustics of the Piano	Brady, Steve
Five Lectures On The Acoustics Of The Piano, by Askenfelt, Anders	Brady, Steve
In Memory... Daniel J. Goodwin	
Industry News	
Milwaukee Spells Knowledge in 1993	Neie, Gary
Milwaukee's First Class Attractions Await 1993 Conventioneers	Marten, James and Linda
Milwaukee's First-Class Attractions Await 1993 Conventioneers	Marten, James & Marten, Linda
New Technical Bulletin Available, Finish Care	
Reconciling Sound & Numbers	Ballard, Bill

KEYWORDS:

1993 PTG convention & Technical Institute preview, 1993 PTG convention preview, Advancing Our Profession Through Education, An Abridged Treatise on CPL's, Anders, At Your Service, attractions, Before You Unstring That Piano - Look, Book Review, bushing manufacture & wear, by Askenfelt, center pin lubricants, Chapter programs, CLP's and Action Centers, Death Notice, documenting work, Environmental heat, Fandrich piano, Finish Care, Five Lectures On The Acoustics Of The Piano, Five Lectures on the Acoustics of the Piano REVIEWS Book Review, illusion, In Memory... Daniel J. Goodwin, Industry News, left brain tuning, Milwaukee Spells Knowledge, Milwaukee's First Class Attractions Await 1993 Conventioneers PIANO TECHNICIANS GUILD Convention, Milwaukee's First-Class Attractions Await 1993 Conventioneers, New Technical Bulletin Available, organized educational program, Piano & Keyboard magazine, preparation for PTG Exam, pre-rebuilding measurements, Rebuilding evaluation, Reconciling Sound & Numbers, right brain, sites, subject or objective judgments, survey, verdigris

March 1993

CD# 3

Articles

TITLE	AUTHOR
A Temperamental Journey	Hudson-Brown, Karen
At Your Service	Collier, Colette
Chinese Pianos: over 60 Manufacturers or just the big 4?	Hong, Yat-Lam
Come Early - Stay Late For A Wisconsin Family Vacation	Marten, James & Marten, Linda
Come Early, Stay Late For a Wisconsin Family Vacation	Marten, James and Linda
Defining Ourselves	Henry, Fern
Kids for Keys, Students, Teachers, & Technicians Combine Efforts	Grassi, Jeannie
Milwaukee Offers Opportunity, Opportunity, Opportunity!	Neie, Gary
Plastic Proves To Be Superior To Wood In A Quality Piano Action	
Preventing Menu Fatigue	Harvey, Jim
Rationalizations: First in a Series on Grand Action Regulation	Mannino, Don
Stringing: Neat Coils & Other Consideratons	Gravagne, Nick
Technical Bulletin #5-Finish Care	Spurlock, Bill
Tighten Up Jack !	Ballard, Bill
Tighten Up, Jack!	Ballard, Bill

KEYWORDS:

1993 PTG Convention & Technical Institute Preview, 1993 PTG Convention Preview, A Temperamental Journey, At Your Service, Book Review, by Owen Jorgensen, case finish care, check plate bolts and tuning pin tightness, Chinese piano manufacture, Chinese Pianos: Over 60 Manufacturers Or Just The Big 4?, Come Early, Come Early - Stay Late For A Wisconsin Family Vacation, Defining Ourselves, driving tuning pins, education, historic temperaments, International relations, Jack!, jacks, Kawai advertisement, Kids for Keys, Me & The Tuning Pin, Milwaukee Offers, new Technical Forum format, Opportunity, Opportunity!, optimize performance vs. setting to standards, Piano teacher relations, plastic action parts, Plastic Proves To Be Superior To Wood In A Quality Piano Action, Preventing Menu Fatigue, Promoting piano & music, promoting PTG with teachers and public, PTG marketing support for your business, PTG membership classification, purpose of regulating, Rationalizations: Grand Regulation, rebuilding, restringing, role in training, sites and attractions, Stay Late For a Wisconsin Family Vacation PIANO TECHNICIANS GUILD Convention, Stringing: Neat Coils & Other Considerations, Students, Submitting articles for PTJ, Teachers, Technical Bulletin #5 - Finish Care, Tighten Up, Tighten Up Jack ! TUNING Between You, tuning preliminaries

April 1993
CD# 3
Articles

TITLE	AUTHOR
Agenda PTG Board of Directors, Jan 1993	Kistler, Sharla
Anatomy Of A National Technical Institute	Juhn, Ernie
Fandrich Piano Company Gain Recognition on National Public Radio	
Focusing on the goal: Second in a Series on Grand Action Regulation	Mannino, Don
Franchised & Non-Franchised Membership: A Brief Explanation	Boone, Danny L.
How Do You SPELL Success	Henry, Fern
In Memory... Ernest Dege	Rudder, Eugene
In Memory... Owen A. Hatch	McNeil, Thomas
Institute Update	Neie, Gary
Mutes & the Tuning Pattern	Ballard, Bill
NAMM '93	Harvey, Jim
Shopping In Greater Milwaukee	Marten, Linda
Stringing Tidbits	Gravagne, Nick

KEYWORDS:

1993 NAMM show exhibit review, 1993 PTG Convention Preview, Agenda PTG Board of Directors, Anatomy Of A National Technical Institute, attractions, Death Notice, Fandrich piano, Fandrich Piano Company Gain Recognition on National Public Radio, Focusing on the Goal: Grand Action Regulation, Franchised & Non-Franchised Membership: A Brief Explanation, grand regulating, How Do You Spell Success?, In Memory... Ernest Dege, In Memory... Owen A. Hatch, Industry news, Institute Update PIANO TECHNICIANS GUILD Institute Update, Jan 1993, Mutes & The Tuning Pattern, muting and tuning sequence patterns, NAMM '93, optimal performance standard, piano promotion, Planning & preparation for PTG Convention and Technical Institute, power transfer, PTG Board actions, PTG membership classification, rebuilding, restringing, Shopping In Greater Milwaukee, sites, SPELLS Study of Piano Enhances Learning and Life's Success, Stringing Tidbits

May 1993

CD# 3

Articles

TITLE	AUTHOR
At Your Service	Collier, Colette
Craftsmanlike Key Repair	Harvey, Jim
Dressing The Capo Bar	Gravagne, Nick
Fine Dining In Milwaukee	Marten, Linda and James
In Memory... Joseph Lee Thomas	Sprinkle, Jack
In Memory... Robert Kenneth Perkins	Russell, Bob
Institute Update	Neie, Gary
NAMM Show & Tag-Effective Quality Key Repairs	Harvey, Jim
Proposed Changes To Bylaws, Regulations, and Codes - 1993	
Prospecting By Phone	Wood, Doug
Soundboard Crack Repair Tools	Sadler, William
Tuning Patterns in Practice	Ballard, Bill
We Asked...You Answered	Henry, Fern
What Is Voicing & Who Cares?	Davis, Bob

KEYWORDS:

1993 NAMM exhibit review, 1993 PTG Convention & Technical Institute Preview, 1993 PTG Convention and Technical Institute Preview, 1993 PTG Convention Preview, and Codes - 1993, At Your Service, Broken key repair, Chapter project piano, Craftsmanlike Key Repair, Death Notice, Dressing The Capo Bar, Fine Dining In Milwaukee, In Memory... Joseph Lee Thomas, In Memory... Robert Kenneth Perkins, Institute Update, NAMM Show Tag & Effective Quality Key Repair, pattern, preliminary checks, Proposed Changes To Bylaws, Prospecting By Phone, PTG Constitution changes, PTG services survey results, rebuilding, Rebuilding, Regulations, restringing, rough tuning, sites and attractions, soundboard, Soundboard Crack Repair Tools, telephone appointment scheduling, The Survey Says, tools & equipment, Tuning Patterns In Practice, tuning sequence, voicing, We Asked... You Answered, What is Voicing & Who Cares?

June 1993

CD# 3

Articles

TITLE	AUTHOR
1993 Institute Class Descriptions	Neie, Gary
A Few Good Tips On Trapwork	Harvey, Jim
An Associate By Any Other Name	Henry, Fern
At Your Service	Collier, Colette
Chapter Mentorship Program Offers Support to Associates	Grassi, Jeannie
Dual Damper Lift Rods	Duncan, Stephen
Institute Update	Neie, Gary
Making Changes In This Old House	Goldsmith, Larry
Marketing Executive Coming To Milwaukee	Bowman, Keith
Measuring Inharmonicity Using Continuous Excitation	Scott, Robert
Muffler (Practice) Rail Problems	
On The Wrong Side of A-440	Ballard, Bill
Pros & Cons, Letters	Blees, Willem
The "I hate my piano & what can I do about it? " Series	Gravagne, Nick
The Steinway Pedal Pivot	Sloane, Ken
Totally Tubular Trap Levers	Foye, Gerald F.
Trains, Planes & Automobiles	Marten, Linda and James

KEYWORDS:

1993 convention preview, 1993 counsel, 1993 Institute Class Descriptions PIANO TECHNICIANS GUILD Convention, A Few Good Tips On Trapwork, alternate, An Associate By Any Other Name, Associate member classification, At Your Service, Chapter Mentorship Program Offers Support to Associates, Chapter Programs, Chapter programs, Demanding Customers, Dual Damper Lift Rods, effect on piano structure, evolution, factory tours, history, humidity, Institute Update, Letters, logo, Lyre Repair, Making Changes In This Old House, Marketing Executive Coming To Milwaukee, Measuring Inharmonicity Using Continuous Excitation, Muffler (Practice) Rail Problems, On The Wrong Side Of A-440, other, piano evaluation, Pitch standard, Planes & Automobiles PIANO TECHNICIANS GUILD Convention, Pros & Cons, PTG marketing and long range planning, PTG organizational change, reader response to membership classification, Recond., research electronic equipment, Technician Forum, The "I Hate My Piano & What Can I Do About It?..." Series, The Steinway Pedal Pivot, theory, thorough complete service, Totally Tubular Trap Levers, training, Trains, upright & grand Trapwork, upright aluminum trap repair, Upright middle pedal, upright split damper lift rods

July 1993

CD# 3

Articles

TITLE	AUTHOR
At Your Service	Collier, Colette
Flameless Heat Torch	Spurlock, Bill
In Memory... Charles Sherwood	Buyce, Harold R.
Introducing Tech Bulletin #6	
Milwaukee, To Go, Or Not To Go	Harvey, Jim
One-Day Seminars, An Inexpensive Way To Get Quality	Blees, Willem
Seeking Directions, Setting Goals	Henry, Fern
Seeking Directions, Setting Goals	Henry, Fern
Take A Break...Go Visioning	Goldsmith, Larry
The "I hate my piano" Series Part 2	Gravagne, Nick
The Good Ol' Days	Guthrie, Ward
The Hammer Meets The String	Davis, Bob
The Piano Man	Brady, Steve
The Voicing Rail	Severance, David
Voicing & Egg On My Face	Dragone, John
Wear, Friction and Geometry, Third in a Series on Grand Action Regulation	Mannino, Don

KEYWORDS:

The Piano Man, 800 number, action reconditioning, An Inexpensive Way To Get Quality, and Geometry, anecdote, At Your Service, awards, Book Review, brain storm, burning shanks, Chapter classification, Chapter programs, computer bulletin board, convention, Death Notice, Demanding customer, down weight, equipment, Experiment with voicing, Flameless Heat Torch, flange centers, Friction, grand regulation, hammer support rail, humor, In Memory... Charles Sherwood, Introducing Tech Bulletin #6, Jensen Tools, knuckles, learning process, major repairs, Master Ultra Torch UT100SI, Milwaukee, mystery, Noreen, One-Day Seminars, Or Not To Go, organizational vision, people skills, physics of sound, piano evaluation, piano tuner fiction, PTG Goals & services, PTG Tuning Exam, rebuilding, regulating, Seeking Directions, Setting Goals, Setting Goals PIANO TECHNICIANS GUILD President's Message, Take A Break...Go Visioning, Technical Bulletin Series, The "I Hate My Piano" Series, The Good Ol' Days, The Hammer Meets The String, The Voicing Rail, thorough complete servicing, To Go, training, up weight, voice mail, Voicing & Egg On My Face, voicing tool, Wear

August 1993

CD# 3

Articles

TITLE	AUTHOR
A Long Day's Journey Into Night	
A Rebuilder's Soundboard Press for the 90s	Hughes, David G.
At Your Service	Collier, Colette
Dampp-Chaser Electronics Announces New Humidity Stabilization System	Staff
Hammers, Internal Forces At Work	
Hammers: Internal Forces At Work	Davis, Bob & Erwin, Dale
In Memory... Stanley Oliver	Bob Davis, Dale Erwin
Jon Light of Kimball At Martin Music	
Perceptions & Perspectives	McLuckie, Ian
Perceptions & Perspectives	Harvey, Jim
Perceptions & Perspectives	Harvey, Jim
Setting Standards	Harvey, Jim
Take A Break...Go Visioning	Henry, Fern
The Basics of Good Piano Tone	Goldsmith, Larry
The Keyframe - Fourth in a Series on Grand Action Regulation	Gravagne, Nick
Tuning On a Leash	Mannino, Don
	Ballard, Bill

KEYWORDS:

A Long Day's Journey Into Night, A Rebuilder's Soundboard Press For The 90's, A-440, Action center shrinking vs lubricant, ACTION Everyday Voicing, At Your Service, bedding, bridge, Chapter Newsletter Awards, Customer relations, Dampp-Chaser Electronics Announces New Humidity Stabilization System INDUSTRY Industry News, Death Notice, definition of good tone, Grand regulation, Hammer structure, Hammers, Hammers: Internal Forces At Work PARTS, In Memory... Stanley Oliver, Internal Forces At Work, Jon Light of Kimball At Martin Music REVIEWS Chapter Program Review, keyframe, manufacture, Perceptions & Perspectives, physics of piano sound, Pitch, PTG Exam, Reader's Letters, Rebuilding equipment, regulating and economic considerations, Restoring vintage pianos, rib, seasonal changes, Setting Standards, soundboard press, Steinway Tour, Take A Break...Go Visioning PIANO TECHNICIANS GUILD From the Home Office, The Basics of Good Piano Tone, The Keyframe, Tuning, Tuning On a Leash, turn of century grands, Voicing

September 1993

CD# 3

Articles

TITLE	AUTHOR
Brass Reactivating	Blees, Willem
Clippings, Vol. 2	Harvey, Jim
Close Encounter of the Salad-Master Kind	Ballard, Bill
Close Encounter of the Same Kind	Bonham, David
Database Tips	Ballard, Bill
Effects of Hammer Bore On Escapement Friction	Powell, Sam
Flange Rebushing (#1)	Spurlock, Bill
Fluorescent Lights	Leary, Janet
Help Me Help you, Part II	Harvey, Jim
Introducing PACE, Professionals Advance through Continuing Educat	Henry, Fern
Key Regulation - Fifth in a Series on Grand Action Regulation	Mannino, Don
Lesson Plans: The PACE Curriculum	Henry, Fern
On the Road With Baldwin	Nemeth, Alan
Other Views of The Truth	Davis, Bob
Piano Tuning Near the End of Its Strings Unless Profession Can Recruit New Blood	Goldsmith, Larry
The 20-Minute Hammer Filing	Stratton, William
The Basics of Tone, Continued	Gravagne, Nick
The Circle of Thirds	Ballard, Bill
The Thomas Piano	Simmons, Ted
Thoughts On The PTG Examination Process	Margrave, Andrew
Titebond II	Leary, Janet
Too Bad For Words	Travis, Michael
Unison Tuning (#1)	Travis, Michael
Vegetarian Ivory	
Where, Oh Where to Pull	
With A Ratchet Wrench	

KEYWORDS:

Acoustics, Adhesives, alternate temperament, Brass Reactivating, Brass repair, bushing, Chapter Newsletter reprints, Class review by Kent Webb, Clippings, clippings, Close Encounter of the Salad-Master Kind, Close Encounter of the Same Kind, Continued, continuing education, Database, Database Tips, Decline in piano sales and tuning, dip, Doppler effect, Effects of Hammer Bore On Escapement Friction, escapement, fan, Flange Rebushing, Flange rebushing, fluorescent, Fluorescent Lights, friction, future of profession, hammer bore, Hammer Filing, heat treating, Help Me Help you, Introducing PACE, Introduction, ivory substitute, key regulating, Key Regulation, Keytop material, Lesson Plans: The PACE Curriculum PIANO TECHNICIANS GUILD President's Message, level, Lighting, modification to tools, obsolete parts, of Baldwin, Oh Where to Pull, On the Road With Baldwin, Other Views Of The Truth, over centering, PACE, Part II, Piano Tuning Near the End of Its String Unless ... New Blood, pictorial, pocket phone list, pounder, Professionals Advance through Continuing Education, PTG Exam, pulley keys, Removing grand actions, Restringing tool, routine maintenance, size of knuckle, sound distortion while tuning, Sound theory, Special tuning tool, spread action, square & space, strengthening old parts, Submitting articles to PTJ, The 20-Minute Hammer Filing, The Basics of Tone, The Circle Of Thirds, The Thomas Piano, theory & practice, Thomas piano, Thoughts On The PTG Examination Process, Titebond II, Too Bad For Words, Tuning, tuning distractions, Unison Tuning, unusual design, Vegetarian Ivory, Voicing, Vol. 2, Where, With A Ratchet Wrench, work environment

October 1993

CD# 3

Articles

TITLE	AUTHOR
Criminal Negligence In Piano Service	Smith, Virgil E.
Dampp-Chaser Honors Field Experts	Staff
Great Expectation: The PACE Checklist	Henry, Fern
Hard Tone Hard Hammers	Gravagne, Nick
Is There A Dope In Your Shop Too?	Davis, Bob
Key Bushing Field Repair (#2)	Spurlock, Bill
Knowledge On Tap In Milwaukee	
Knowledge On Tap In Milwaukee	Staff
Members of 5 Texas Chapters Represent PTG at Music Teachers Assoc	Wisembaker, Martin
Milwaukee - Class Evaluation: Resolving Customer Complaints	Grassi, Jeannie
Milwaukee, There Was a Draft for You	Harvey, Jim
Residual Distortion & Tuning Stability	Boone, Danny
Telephone Techniques	Blees, Willem
The Bottom Line	Collier, Colette
Trade Relations	Wyatt, Jack
Tuning Hammer Sensitivity (#2)	Travis, Michael
William Braid White Library Donated	Henry, Fern

KEYWORDS:

1993 Convention class reviews, 1993 PTG Convention Review, angry customers, answering machines, car phones, chemical treatment, complete piano service, Continuing Education, control, Criminal Negligence in Piano Service, customer relations, Customer relations, Dampp-Chaser Honors Field Experts INDUSTRY Industry News, dissatisfied, distortion, economy pianos, ethics, Great Expectations, hammer technique, Hard Hammers, Hard Tone, Is There A DOPE In Your Shop Too?, juicing, Key Bushing Field Repairs, Key bushing repair, Knowledge On Tap In Milwaukee, Knowledge On Tap In Milwaukee PIANO TECHNICIANS GUILD Convention, Members of 5 Texas Chapters Represent PTG at Music Teachers Assoc., Milwaukee, PACE, phones, pictorial, PTG Convention & Technical institute review 1993 Milwaukee - Class Evaluation: Resolving Customer Complaints, PTG Development, PTG Library resources, Residual Distortion & Tuning Stability, sensitivity, setting pins, Spinets, Teacher relations, telephone manner, Telephone Techniques, The Bottom Line, The PACE Checklist, There Was a Draft for You, Trade Relations, Tuning Hammer Sensitivity, Tuning hammer technique, Tuning stability, Voicing, William Braid White Library Donation

November 1993

CD# 3

Articles

TITLE	AUTHOR
Alignment & Traveling - Sixth in a Series on Grand Action Regulation	Mannino, Don
In Memory... Edmond J. Langlois	Erwin, Dale
In Memory... Keith Hardesty	Hardesty-Lanter, Jo
In Memory... Robert Edward Bailey	
Putting Education First	Henry, Fern
Putting Education First	Henry, Fern
Readers Write Back, a.k.a. The Good the Bad & the Ugh!	Harvey, Jim
Readers Write Back, a.k.a. The Good the Bad & the Ugh!	Harvey, Jim
Regarding a Standard Pitch of A-440	Huether, Charles P.
Setting Up the Technical Exam in Your Chapter	Spurlock, Bill
Soft Tone Soft Hammers	Gravagne, Nick
String Setting (#3)	Travis, Michael
Technical Forum	Harvey, Jim
Technical Forum	Harvey, Jim
Technical Forum	Harvey, Jim
The 1993 PTG European Tour	Hong, Yat-Lam
The Ins and Outs of Intervals	Kimbell, Michael
The Pencil	Nossaman, Ron
Vertical Shank Replacement (#3)	Spurlock, Bill

KEYWORDS:

1993 European Tour, a.k.a. The Good the Bad & the Ugh!, A-440, Alignment & Traveling, alignment & Traveling, anecdote, Center pin lubricant, chemical treatment, continuing education, Death Notice, ear protection, electronic amplifying, filing hammers, Grand Regulation, Hearing, Humor, In Memory... Edmond J. Langlois, In Memory... Keith Hardesty, In Memory... Robert Edward Bailey, intervals, journal illustrations, Lindner, McLub 1725, Microphone, music theory, PACE, Pitch standard, PTG Training, Putting Education First, Putting Education First PIANO TECHNICIANS GUILD President's Message, Readers Write Back, Regarding a Standard Pitch of A-440, reverse crown soundboard, Rippon, seasonal humidity conditions, set tuning pin, Setting Up the Technical Exam in Your Chapter, Sixth in a Series on Grand Reg., Soft Hammers, Soft Tone, Standard Pitch, String Settling, String settling, Technical exam, Technical Forum, The 1993 PTG European Tour, The Ins and Outs of Intervals, The Pencil, Thomas, Tuning, tuning hammer technique, Upright hammer shank replacement, Vertical Shank Replacement, Voicing, Zip-Slip

December 1993

CD# 3

Articles

TITLE	AUTHOR
A Plea For The Metric System	Asten, Ernest L.
Advice, Advice, Advice	Nossaman, Ron
At Your Service	Stephenson, Bob
Cedar Rapids Piano Dealers Work Together For Common Goal	Malloy, Dan
Closing The Files	Harvey, Jim
Don't Get All Torn Up	Spurlock, Bill
Elbow Removal Tip	Clark, Dean
File It Away . .	Davis, Bob
Hammer Work	Gravagne, Nick
Honing Your Nose For News	
Identifying Partial	Travis, Michael
Identifying Partial (#4)	Travis, Michael
In Memory... Philip Kahn	
In Memory... Ruth Ellen Vertrees Pollard	Wisembaker, Beva Jean
Music In Our Lives	Russell, Ginny
New Genck Case	Genck, Bruce
Ninth-Partial Intervals	Levitan, Daniel
P.R. = Public Recognition	Henry, Fern
P.R.= Public Recognition	Henry, Fern
PTG Marketing Tools Review	
String Replacement with Hitch Pin Loop (#4)	Spurlock, Bill
Termite Update & Swollen Bushings	Lipnicki, Michael
The 1993 PTG European Tour Cont'	Hong, Yat-Lam
The Barrel	Beaton, Dick
The Ins and Outs of Beatless Intervals	Kimbell, Michael
Those Crazy Americans	Bryner, John C.
We Don't Need No Steekin' DOC Files	Harvey, Jim

KEYWORDS:

A Plea For The Metric System, Accu-tuner, acoustics, Adhesives, advice, anecdote, At Your Service, calibrating tools, Cedar Rapids Piano Dealers Work Together For Common Goal, center pin bushing cloth, Chapter programs, Closing The Files, composers, computer bulletin board software, credibility, Death Notice, Documentation, Don't Get All Torn Up, Elbow Removal Tip, File It Away..., filing, glue sizing, Goop, Hammer Work, history, Honing Your Nose For News, humor, Identifying Partial, Identifying Partial (#4) TUNING PACE, In Memory... Philip Kahn, In Memory... Ruth Ellen Vertrees Pollard, International relations, key easing, Left Fork, loop winder, media, media exposure, metric system, Music In Our Lives, New Genck Case, news release, Ninth-Partial Intervals, nippers, P.R. = Public Recognition PIANO TECHNICIANS GUILD President's Message, P.R.= Public Recognition, PACE, piano moving, plastic, program music, Promoting your business, PTG, PTG Marketing Tools Review, PTG Promoting, Public relations, public relations, publicity, reshaping Hammers, shaping, SPELL, String Replacement With Hitch Pin Loop, Termite Update & Swollen Bushings, The 1993 PTG European Tour, The Barrel, The Ins And Outs Of Beatless Intervals, Those Crazy Americans, tool case, tools, Tuning, tuning, tuning tests, voicing, Voicing, We Don't Need No Steekin' DOC Files, wire gauges

January 1994
CD# 3
Articles

TITLE	AUTHOR
"Bashing" Our Internal Cancer	Wyatt, Jack
Action Spread & Repetition Springs - Seventh in a Series on Grand Action Regulation	Mannino, Don
Against The Grain	Bob Davis, Dale Erwin
Against The Grain	Davis, Bob & Erwin, Dale
At Your Service	Grassi, Jeannie
Cut To The Present: Something New, And Arg #2	Davenport, Richard
Focusing on Beats (#5)	Travis, Michael
Hammer Work, Filing - Resurfacing, A Photo Survey Continues	Gravagne, Nick
Hammers, Internal Forces At Work	Davis, Bob & Erwin, Dale
Mentoring	Henry, Fern
Overtones in a Nutshell	Kimbell, Michael A.
Panel Weighs Educational Opportunities	Drost, Michael
Piano Services, Tuning & Rebuilding 1993 (2nd Edition)	Johnson, Wade
RPTs: These New Business Aids Can Make You Rich and Famous	Spurlock, Bill
Something Old, New, Borrowed . Argh!	Harvey, Jim
Sources of Knowledge: Apparent & Obscure	Anderson, Richard
String Splicing (#5)	Spurlock, Bill
The Fandrich Piano Factory Tour	McDonald, Marvin
The PACE Academy: Get Your "Hands-On" Some Training	Brady, Steve
The Tuner	Monroe, Paul
To Criticize Or Not To Criticize...That Is The Question	Kadwell, Kenneth

KEYWORDS:

& Rebuilding, 1994, action regulating problems, Action Spread & Repetition lever Springs, Against The Grain VOICING Everyday Voicing, beat rate checks, beats, Book Review, bookmark, business practice, by Arthur A. Reblitz,, classes, coincident partials, Coleman beat locator, conduct, customer, customer relations, Dealer, education, emergency repairs,, Filing - Resurfacing, Filing Resurfacing, Focusing On Beats, gang filing, ghosting, Grand Action Regulation, Hammer filing, Hammer Work, Hammers, industry, industry relations, Internal Forces At Work, Knots, manufacturer relations, Manufacturing Review: The Fandrich Piano Factory Tour, Mentoring, mentoring, musical intervals, New Business Aids, new designs, newsletters,, Old and new methods, Overtones In A Nutshell, PACE,, Panel Weighs Educational Opportunities, Piano Servicing, piano technology schools, President's Message, profession, professional development, PTG Chapter services, PTG Convention & Technical Institute Preview, PTG recognition, PTG technical institute, public relations, Related arts publications, research, reshaping, sanding, Service records, shape, Sources Of Knowledge: Apparent & Obscure, strike tones, String Splicing, String Tying, teacher, The PACE Academy: Get Your "Hands-On" Some Training,, The Tuner, To Criticize Or Not To Criticize, trade, training programs, Training programs, Tuning, Tuning basics, Tuning tests, tutors, voicing

February 1994

CD# 3

Articles

TITLE	AUTHOR
A Special Report	Harvey, Jim
Bare bones Regulation	Anderson, Richard
Discoveries	Harvey, Jim
Hammer Filing (#6)	Spurlock, Bill
Help Wanted (Dealer Work)	Graham, Susan
Inharmonicity In a Nutshell	Kimbell, Michael
Needling: Probing & A Few Standard Techniques	Gravagne, Nick
Regulating The Wippen - Eighth in a Series on Grand Action Regulation	Mannino, Don
Setting Pitch (#6)	Travis, Michael
Southern California Area Exam Board	Smith, Kathy
SPELLS: Our Start In Richmond	Williams, Jesse
Structured Learning For All Levels	Brady, Steve
The Tuner, Part 2	Monroe, Paul
Update On SPELLS	Henry, Fern
Who Put the "H" in the Whippen?	Ellis, Jim
Who's 90?	Goldsmith, Larry

KEYWORDS:

1994 Kansas City PTG Technical Institute Preview, 8th in series, A Photo Survey, A-440, action part nomenclature, action repair, Bare Bones Regulation, batteries, battery operated devices, battery types, business, coincident partials, common problem assessment, comprehensive piano servicing, customer, dealer, dealer floor tunings, dealer relations, education, general, Grand Action Regulating, grand action regulating, Hammer Filing re-shaping, history, Inharmonicity In A Nutshell, interval ratios, jack, local exam committees, manufacturer relations, member status upgrade, Music Industry cooperation, Needling: Probing & A Few Standard Techniques, new piano preparation, PACE, Piano Technicians Guild Foundation, PTG, PTG Chapter programs, PTG Tuning exam, public, Regulating the Whippen, repetition lever, sanding, setting pitch, Shoptalk, Structured Learning for All Levels,, teacher, Tech Talk, Technical Forum, Technostuff, the profession, The Tuner, theory, tone regulating, tools, training, tuner organizations, Tuner's Corner, tuning, Tuning, Voicing, Who Put the "H" in the Whippen?, William Braid White

March 1994
 CD# 3
 Articles

TITLE	AUTHOR
As Promised: Some Neat New Toys!	Harvey, Jim
Benches Benches Benches	Nossaman, Ron
Council Preview	Henry, Fern
Dr. Keyboard(How I Learned to Stop Worrying & Love Algebra)	Williams, Margie
Hammer Filing; Part II (#7)	Spurlock, Bill
In Memory, Dr. Earle L. Kent	
In Memory, Edward T. Brant	Preuitt, Ernest
Interplay of Intervals	Kimbell, Michael
Lost My Grip	Anderson, Richard
Minutes of the Executive Board Meeting of the PTG	Collier, Colette
Muting The Piano	Monroe, Paul
Pre-Convention European Tour Scheduled for May 1-10	
Service Management	Blees, Willem
The 1993 PTG European Tour Contd	Hudak, Greg
The Keys To Success Part 1 of 2	Bartnik, Bob
Tuning 2:2 Octaves (#7)	Travis, Michael
You Say Symposiums, I Say Symposia	Brady, Steve

KEYWORDS:

1994 Kansas City PTG Convention, action repair, advice, As Promised: Some Neat New Tools, beat rates, Benches, Box-O-Toys, bylaws, Council Preview, Customer relations, customer relations, damage, Death Notice, delamination, dissatisfied customer,, Dr. Earle L. Kent, education, Edward T. Brant, ethics, Hammer Filing, Hammer shaping jig, humor, I Say Symposia, In Memory, International Affairs, International relations, Interplay of Intervals, inverted intervals, key bushings, key repair, key shape variations, key tail widths, Keyboard, key-tops, Left Fork, membership classification, mid-winter 1994, Minutes of the Executive Board Meeting of the PTG, Muting the Piano, PACE, Part II, Pinblocks, Pre-Convention European Tour Scheduled for May 1-10, professionalism, PTG, recovering keys, repairs, re-shaping, restringing, rubber mutes, sanding, sandpaper, Service Management, Technical Forum, Technical Institute Preview, Technostuff, temperament, temperament strip, The 1993 PTG European Tour, The Key To Success, The Tuner, tools, Tools, Tuner's Corner, tuning, Tuning, Tuning 2:1 Octaves, voicing block, Wrestplank, You Say Symposiums, Your Business

April 1994
CD# 3
Articles

TITLE	AUTHOR
Aftertouch & Action Travel - Ninth in a Series on Grand Action Regulation	Mannino, Don
Are We Too Hard On Hammer Hardening?	Gravagne, Nick
Chain of Intervals	Kimbell, Michael
Close Encounters of the Word Kind	Nossaman, Ron
From the Mail Bag ... and Hasta Later	Harvey, Jim
Greek Number and Music Theory	Wathen, Michael
Kansas City Will Offer An Excellent "Convention-Time" & "Family-Time"	Henry, Jami
Learning to "PACE" Ourselves	Day, Chris
Reeboks, Anyone?	Bauguess, David
Resolution On Educational Goals	Henry, Fern
Resolution On Educational Goals	Henry, Fern
Service Management	Blees, Willem
Setting The Temperament	Monroe, Paul
Something New For Everyone	Brady, Steve
String Breakage	Anderson, Richard
The Keys To Success Part 2 of 2	Bartnik, Bob
There's A Sherlock Among Us!, Search for Golden Hammers	Collier, Colette
Tuning 4:2 Octaves (#8)	Travis, Michael
Vertical Regulation-Part I: Alignment (#8)	Spurlock, Bill
What's That Again	Schandall, Eric

KEYWORDS:

1994 Kansas City PTG Convention, 9th in series, action parts, Alignment, Anyone?, Are We Too Hard On Hammer Hardening?, beat rates, bibliography, business strategy, Chain of Intervals, class reviews, Close Encounters of the Word Kind HUMOR The Left Fork, Convention & Technical Institute, customer relations, Customer relations, Defebaugh F3-F4 Temperament, doping, drop, expanded of contracted, From the Mail Bag ... and Hasta Later, Grand Action Regulation, Greek Number and Music Theory, hammer Blow, hammer traveling, Hearing protection, historical temperament tuning & interval size, History & development of Music Theory and relation the math theories, in-harmonicity, inner ear, intervals, inverted intervals, ivory, juicing, Kansas City Will Offer An Excellent Convention-Time & Family-Time, key bushings, key repair, keytops, lacquering, Learning to "PACE" Ourselves, moth proofing, PACE, Part 2 of 2, partials ratios, Piano Technician training, PTG, recovering keys, Reeboks, Regulating Aftertouch & Action Travel, Resolution On Educational Goals, Resolution On Educational Goals PIANO TECHNICIANS GUILD President's Message, review of 1994 institute, sandblasting, Search for Golden Hammer Award-ees, Service Management, Something New For Everyone, string breakage due to too heavy playing, Tech Talk, Technical Form, Technical Forum, Technical Institute Preview, technical products review, Technostuff, temperament, The Balance of Let-off, The Keys To Success, The Temperament, The Tuner, There's A Sherlock Among Us!, tone regulating, Tuner's Corner, Tuning, Tuning Lesson #8 Tuning 4:2 Octaves, upright action, Vertical Regulation - Part I, vertical shank replacement, Voicing, What's That Again, Your Business

May 1994
CD# 3
Articles

TITLE	AUTHOR
1994 Technical Institute Class Schedule	Goldsmith, Larry
Bicentennial Piano Display	Speir, Leon
Building Tone In The Soft Hammer	Gravagne, Nick
Climate Can Pitch a Whing, Dang, Doodle	Coleman, James W.
Damper Setting Weight Helps Grand Damper Installation	Spurlock, Bill
Encore, Encore!	Brady, Steve
Getting Around Kansas City	Goldsmith, Larry
Journal Changes Old & New ...	Goldsmith, Larry
Lewis F. Herwig: 1918-1994	Harvey, Wirt
Loving Imperfect Inharmonic Pianos	Swafford, Kent
NAM M ' 94 Show Part 1 Review	Hong, Yat-Lam
Never Tighten or Loosen the Pressure Bar?	Mollberg, Bernard
New Educational Ventures	Henry, Fern
Positive Outlook Is Key To Success For Inactive or New PTG	Durben, David
Preserving Piano Technician History	Goldsmith, Larry
Public Recognition of PTG and RPT	Spurlock, Bill
Reminder Cards Are Essential Ingredient For Repeat Business	Brooks, Vivian
Reminder Cards Are Essential Ingredient for Repeat Business	Brooks, Vivian
Setting The Temperament, Part 2	Monroe, Paul
Technician Sees the Light	Bartnik, Bob
Technostuff	Anderson, Richard
The Magic Circle of Fifths	Kimbell, Michael
To Tap or Not to Tap	Travis, Michael
Tuning 6:3 Octaves (#9)	Travis, Michael
Use Vacuum Cleaner ... For Cleaning Pianos	Sadigursky, Isaac
Vertical Regulation-Part II : Alignment (#9)	Spurlock, Bill
Voicing - WithoOut Needles	Davis, Bob
Wippen Springs-101	Mannino, Don

KEYWORDS:

1994 Technical Institute Class Schedule, Action Regulation, Alignment, also: PTJ Aug. '75 pg. 19, auxiliary springs, backcheck, Behrent 1775 piano, Bicentennial Piano Display, bridge bearing, bridle wire alignment, Building Tone in the Soft Hammer, causes, Climate Can Pitch a Whing, contiguous thirds, continued from Mar 94, Convention/Institute Review, Cultivating Artisans, damper lever setting jig, Damper Setting Weight Helps Grand Damper Installation, Dang, death notice, Doodle, Effects of humidity on pitch of unison strings, Encore, equal temperament, Getting Around Kansas City, hands on trading projects, historical pianoforte, historical tuning methods, In Memory, Institute Update, Journal Changes Old & New ... Tuner organizations & publications, Kansas City, key height, key weighting, lacquering, lamps, Lewis F. Herwig, Loving Imperfect Inharmonic Pianos, low mid-range & bass tuning, m3-M6 test, manufacturer's new products, mathematically imprecision benefits the musical character, NAMM Show '94, Never Tighten or loosen the Pressure Bar, New Educational Ventures, Obituary, Oct. 76, PACE, pg. 17, piano industry, Positive Outlook Is Key To Success For Inactive or New PTG Chapters PIANO TECHNICIANS GUILD Review, predictable changes, Preserving Piano Technician History, PTG library, Public Recognition of PTG and RPT PIANO TECHNICIANS GUILD Marketing Ourselves, Q & A, rather than detracting from it, Reminder Cards Are Essential Ingredient for Repeat Business, Reminder Cards Are Essential Ingredient For Repeat Business BUSINESS Review, shaping, spacing, squaring, tapping string down on bridge, Technical editor, Technician Sees the Light, Techno-Stuff, temperament setting, The Magic Circle of Fifths, The Tuner, Tips, To Tap Or Not To Tap, Tools, touch weight, tuning, Tuning, Tuning 6:3 Octaves, Tuning Lesson #9, Use Vacuum Cleaner Suction and Blower Hoses Together for Cleaning Pianos, Vertical Regulating Part 2 , vertical upright restringing, Voicing, Voicing - WithoOut Needles VOICING, wippen, Wippen Springs -101

June 1994
 CD# 3
 Articles

TITLE	AUTHOR
A Broken Tuning Pin?	Spurlock, Bill
A Tool For Shining Up Key Pins	Duncan, David
Auxiliary Exchange, Tempting Recipes & Much More	Tremper, Phyllis
Behold - The Upright	Valley, Don
Behold the Upright	Valley, Don
Boston Chapter Holds First Associates' Day	Stein, Israel
Damper Sockets Assist in Pulling Baldwin Spinnet Actions	Smith, Bill
Defining Piano Technology terms	Swafford, Kent
Hey, I Like My Case!	Duncan, David
Inclusive or Exclusive?	Henry, Fern
It is a Vertical Piano Bridge	Hughes, David
James Lampiasi: 1915-1994	
June Verdigris	Goldsmith, Larry
NAMM 94 Show Part 2 Review	Hong, Yat-Lam
Of Snow and Men	Bowman, Keith
PACE, Tuning Lesson #10, Tuning Just Fifths and Fourths - Part I	Travis, Michael
The Basic Skills	
Peter Anthony Hugo: 1925-1994	
Quick Touch-Up for Buzzing Damper Felts	Smith, Bill
Setting The Temperament, Part 3	Monroe, Paul
Shop Tips	Smith, Bill
Should I Get a Cellular Phone?	Potter, Randy
The Guilds Are Alive	Goldsmith, Larry
The Piano is Dead	Monroe, Paul
There's Still Time	Brady, Steve
Thoughts on Business Ethics	Wyatt, Jack
Trouble Shooting- The problem Grand Piano Action	Powell, Sam
Tuning Pin Diameters	Anderson, Richard
Vertical Regulation-Choosing Hammer Blow & Key Dip Settings	Spurlock, Bill
Vertical Shank Replacement	Elving, John
What about the Franklin Hide Glue?	Zimmerman, Dale
With Sincere Thanks	Margrave, Andrew

KEYWORDS:

3:2 Perfect Fifth & 4:3 Perfect Fourth, A Broken Tuning Pin, A Tool for Shining Up Key Pins, Action Geometry, action spread, Aftertouch and checking, Auxiliary Exchange, availability to customer s, backchecks, Behold - The Upright REBUILDING Behold the Upright, Behold the Upright, Boston Chapter Holds First Associates' Day, but an upright bridge, Caring for Sandpaper Files, cents, Choosing Hammer Blow & Key Dip Settings, communication, compromise, customer relations, Damper Socket Assist in Pulling Baldwin Spinnet Actions, death notice, Defining Piano Technology Terms, Definition of the word "guild" & history of such organizations, dowel damper block on guide pin, Dynamic checks, equal temperament, flush with plate and tight pin, humor, In Memory... James Lampiasi, In Memory... Peter Anthony Hugo, Inclusive or Exclusive, Institute Update, It is a Vertical Piano Bridge, June Verdigris, Kansas City 94, Manufacturers, mass & friction, merits of servicing pianos style that are becoming obsolete, NAMM Show '94, Obituary, Of Snow and Men, PACE, photo in earlier issue not a negative reverse of grand bridge, Piano Industry, pitch change as a function of distance, PTG organizational philosophy, purpose, Q & A, repair Vs replacement, S Central PA Chapter news, Should I get a Cellular Phone?, specifics on setting a particular temperament continued from May '94, stretch, Techno-Stuff, Tempting Recipes & Much More, The Guilds Are Alive?, The Piano is Dead, The Problem Grand Action, The Tuner, theory, There's Still Time, Thought on Business Ethics, Trade Relations Committee, Trouble Shooting, Tuning Just Fifths and Fourths - Part I The Basic Skills, Tuning Lesson #10, Tuning pin variation and tolerance, Vertical Regulation, Vertical Shank Replacement, What about the Franklin Hide Glue? ADHESIVES Q&A, With Sincere Thanks PIANO TECHNICIANS Review

July 1994

CD# 3

Articles

TITLE	AUTHOR
A Method For Using Brass Cauls	Sanderson, David
A Small Gift For Horowitz	Smith, Bill
A Tip For Fixing A Loose Treble Bridge Cap	Bartnik, Bob
A Tip from Bill Smith	Smith, Bill
A Valedictory Message	Henry, Fern
Agraffe Removal in Only 4 Easy Steps	Willanger, Susan
An Unusual Encounter	Young, Wilford
Associate Gets High Score	Bowman, Keith
Auxiliary Exchange	Krahmer, Phyllis
Backcheck & Repetition Springs: Finishing Off the Touch-Tenth in a Series	Mannino, Don
Business Resource Manual Available Now	
CA Glue Anchors Rubber Buttons	Bowman, Keith
Case Study: The Urban Technician	
Follow-up on setting Pressure Bars	Spurlock, Bill
Francis Manricks: 1913-1994	Wagner, Lloyd
Indianapolis Chapter Presents Seminar	Scharbrough, Bill
Is the "Good Service" Responsibility a Part of Your Plan?	Henry, Jami
It's a Tuning Setback	Johnson, James H.
Journal Changes Create Questions	Gallaway, Kent
Journal Changes Create Questions..	Goldsmith, Larry
Keep It Simple Simon	Elmer, Francis
Keybutton, Keybutton...Replacing a Set	Revenko-Jones, Paul and Oksana
Mousetraps Are Us .. What Do You Think?	Goldsmith, Larry
Octave Tuning	Monroe, Paul
Parts, Part 2	Anderson, Richard
Roger A. Hamilton: 1924-1994	
Temperament To the Top	Swafford, Kent
Temperament to the Top/Temperament to the Bottom	West,Richard,Swafford,Kent
Thank You For Your Support	Raup, Ron
The Buckskin: Animal of Choice?	Meyer, Karl R.
The Evaluation of Worth	Valley, Don
The Left-Handed Conclusion is Wrong	Kroeker, Stan M.
The Moor is not a Moor?	Huether, Charles
The Urban Technician	Goldsmith, Larry
Tuning Just Fifths & Fourths - Part 2 (#11)	Travis, Michael
Tuning Mutes From Hammer Scrap Felt	
Using The Accu-Tuner To Tune Historical Temperaments	Tremper, Fred
Vertical Regulation-Adjusting Lost Motion & Leveling Keys (#11)	Spurlock, Bill
William N. Reid: 1917-1994	

KEYWORDS:

1994 Convention, A Small Gift For Horowitz, A Valedictory Message, Adjusting Lost Motion & Leveling Keys, alignment, An Unusual Encounter, anecdote, Associates Get High Score, Auxiliary Exchange, Backcheck & Repetition Springs: Finishing Off the Touch-Tenth in a Series on Grand Action Regulation ACTIONS Jul-94, Behold the Upright, Business Resources Manual Available Now, CA Glue Anchors Rubber Buttons ADHESIVES Tools, Case Study: The Urban Technician, cleaning, controlling instability while tuning, death notice, deer family preferred, double manual piano with coupler, Emanuel Moor, glossy paper, gluing procedure, heating key bushing cauls, High Treble tuning, humor, in June 95 issue, In Memory .. Francis Manricks, In Memory .. Roger A. Hamilton, In Memory .. William N. Reid, Indianapolis Chapter Presents Seminar PIANO TECHNICIANS GUILD Review, innovative thinking piano technicians, Is the "Good Service" Responsibility a Part of Your Plan?, Journal Changes Create Questions PIANO TECHNICIANS GUILD Letters, Journal Changes Create Questions.. New PTJ journal format, Keep It Simple Simon, key bushing, key height, Keybuttons .. Replacing a Set, life style, lubricating, mis-interpretation of photos, Mousetraps Are Us .. What Do You Think?, Obituary, octave stretching, Octave tuning, PACE, Part 2, Pitch raising, pressure bar height, Progress growth and development of PTG, protecting sandpaper and metal files, PTG contribution to quality service and customer relations, PTG Review, Q & A, Q & A Keybuttons, reference to It's an Upright..., removing broken off agraffes, RPT written exam, scheduling, setting pins, simplify technical writing in the PTJ, stretching, string deflection angle, tanning process, Techno-Stuff, Temperament To the Top, Temperament to the Top/Temperament to the Bottom TUNING, Thank You For Your Support INDUSTRY Letters, The Buckskin Animal of Choice?, The Diatonic Comma, The Evaluation of Worth, The Left-handed Conclusion Is Wrong .. , The Moor Is Not a Moor ...?, The Tuner, The Urban Technician PIANO TECHNICIANS Case Study, Tips & Techniques, transportation, Trap squeaks, TT&T A Method for Using Brass Cauls, TT&T A Tip for Fixing a Loose Treble Bridge Cap, TT&T A Tip from Bill Smith, TT&T Agraffe Removal in Only 4 Easy Steps, TT&T In Response, TT&T It's a Tuning Setback, tuner's anecdote, Tuning Fifths and Fourths, Tuning Mutes From Hammer Scrap Felt TUNING Tools, tuning stability, tuning theory, Tuning theory., unusual piano keyboard arrangements, Using the Accu-Tuner to Tune Historical Temperaments, vertical appraisals, Vertical Regulation , World-class tinkerers

August 1994
 CD# 3
 Articles

TITLE	AUTHOR
A Sure Foundation	Valley, Don
Auxiliary Exchange, Consider This To Be Your Wake Up Call!	
Continuing Education Will Continue To Be Our Focus	Speir, Leon
Counting Beats (#12)	Travis, Michael
Frequently Asked Accu-Tuner Questions	Swafford, Kent
Grand Damper Detours/Vile Vertical Dampers	Anderson, Richard
Greatest Hits	Goldsmith, Larry
How Can I Help With the Image of PTG?	Spurlock, Bill
How Much Can a Hammer Wear?	Brooks, Wally
In Memory .. William Moonan, Jr.	
In Touch With History	Goldsmith, Larry
Intro & Perspective - Article 1	Levitan, Daniel
Marketing Ourselves, Writing Effective Proposal Letters	Spurlock, Bill
Partial Hearing-Your greatest Asset	Stebbins, Jack
Reading-Lancaster Chapters Hosts Mason & Hamlin Tour	
Removing Felt Marker From the White Keys	Buyce, Harry
The Calligraphy (Voicing) Tool	Ballard, Bill
Tuning The Bass	Monroe, Paul
Vertical Regulation-Adjusting Key Dip (#12)	Spurlock, Bill
What is the Full Decating Process?	Carrier, Tom

KEYWORDS:

ACTION Q&A, action regulation, appraisals, Article 1 Introduction and Perspective, Auxiliary Exchange, bass tuning, Behold the Upright, bore distance, bottom board, casters, Consider This To Be Your Wake Up Call!, Continuing Education Will Continue To Be Our Focus, Counting Beats, customer relations, damper and trapwork problems, death Notice, electronic tuning, estimates, Frequently Asked Accu-Tuner Questions, Golden hammer award display at 94 convention, Greatest Hits, harmonics, How Can I Help With the Image of PTG?, How Much Can a Hammer Wear?, In Memory .. William Moonan, In Touch With History, inharmonicity, Inharmonicity and the Temperament, ink reactivator, journal reprints by topic, Jr., Kansas City, magic marker, manufacturers, Marketing Ourselves, Obituary, PACE, Partial Hearing, pedal board, piano industry, PTJ, public relations, Reading/Lansing Chapter Hosts Mason & Hamlin Tour, Removing Felt Marker From the White Keys, repairs, Sanderson, special problems of key dip with sharp keys, Techno-Stuff, The Calligraphy Tool, The Tuner, trapwork, TT&T, Tuning Lesson #12, tuning theory, Tuning theory,, Vertical Regulation - Adjusting Key Dip, voicing tool, What is the Full Decating Process? PARTS, Writing Effective Proposal Letters, Your Greatest Asset

September 1994
CD# 3
Articles

TITLE	AUTHOR
(Award) Much Appreciated	Boone, Danny
37th Annual Convention & Technical Institute, Highlights from New Horizons	
A Back Saver and More	Smith, Evelyn
A Circle of Fifths Well Temperament (#13)	Travis, Michael
A Letter to Members of PTG	Weisensteiner, Roger
A Quick Fix For Dead Bass Strings	Willanger, Susan
An Emotional and Gratifying "Golden" Experience	Neblett, Norman
And A Mighty Fine Time Was Had By All	Speir, Leon
Auxiliary Exchange, Just Say Yes - Pitch In & Help	Cook, L. Paul
Auxiliary Members Benefit From Generous Contributions	
Behold The Upright	Valley, Don
Careful Work in the Beginning Helps Ensure Solid Tunings	Williams, Jesse
Careful Work In the Beginning Helps Ensure Solid Tunings	Williams, Jesse
Chapter Matters	Bowman, Keith
Diamonds Are a Tuner's Good Friend at Last	Sloane, Ken
Here's to the New Look	Raz, Jerry
Highlights From New Horizons (Convention Coverage)	Various
How Can I Extract a Broken Bridge Pin?	Spurlock, Bill
How Long Does the Regulation last?	Spurlock, Bill
I Wish You Had Been There	Goldsmith, Larry
Inharmonicity In Isolated Intervals - Article 2	Levitan, Daniel
Movin'On Up	Kiel, Mitch
Name, Name, Who's Got the Name?	Goldsmith, Larry
Passport To Excellence Program Is Still In Existence!	Valley, Don
Removing and Replacing a Whole Set of Straps	Martin, Gene
San Diego Chapter Makes Contribution To Local Symphony Orchestra	
The "Moor?" Isn't a Harpsichord Either, Mr. Huether	Stein, Israel
The Long & the Short of Temperature & Humidity	Swafford, Kent
Troubleshooting Dampers	Anderson, Richard
Unison Tuning	Monroe, Paul
Vertical Regulation-Setting Let-Off (#13)	Spurlock, Bill

KEYWORDS:

1994 Convention review, 1994 convention review, 37th Annual Convention & Technical Institute, 94 issue, A Back Saver and More, A Circle of Fifths Well Temperament, A Letter to Members of PTG PIANO TECHNICIANS GUILD Foundation Spotlight, A Quick Fix for Dead Bass Strings, action regulating, An Emotional and Gratifying "Golden" Experience PIANO TECHNICIANS Letters, And a Mighty Fine Time Was Had By All, Article 2, Auxiliary Exchange, Behold the Upright, Bridle straps, broken pedals, Careful Work In the Beginning Helps Ensure Solid Tunings, Careful Work in the Beginning Helps Ensure Solid Tunings TUNING Tools, case and keyframe cleaning, Chapter Achievement awards, Chapter Matters, continued controversy over a photo pg. 57 April, convention review, dampers, diagnosing the problem, Diamonds Are a Tuner's Good Friend at Least, Exam & Test Standards,, grand action dolly, hammer technique, Here's to the New Look, Highlights from New Horizons, Highlights From New Horizons (Convention Coverage) PIANO TECHNICIANS GUILD Convention, How Can I Extract a Broken Bridge Pin?, I Wish You Had Been There, Inharmonicity & the Temperament, Inharmonicity in Isolated Intervals, Just Say Yes - Pitch In & Help, Kansas City, let off, Member of Note winner, minimize tuning pin movement, Movin' On Up, Mr. Huether, Much Appreciated, Name, Name - Whose Got the Name, new journal format, old convention photo, PACE, Passport to Excellence Program is Still in Existence, pedals, PTG History, PTG Review, PTJ, Removing and Replacing a Whole Set of Straps, removing debris from under windings, San Diego Chapter Makes Contribution to Local Symphony Orchestra, Techno-Stuff, The "Moors?" Isn't a Harpsichord Either, The Long and Short of Temperature and Humidity, The Tuner, Tips & Techniques, tool sharpening, TT&T, Tuning Just Fifths & Fourths - Part 3, Tuning Lesson #13, tuning stability, unison tuning, Vertical Regulation - Setting Let-off

October 1994
CD# 3
Articles

TITLE	AUTHOR
A Wide Variety Will Serve Us All	Vanderhoofven, David
An "Every Which Way You Can" Temperament Sequence	Swafford, Kent
An Industry Update, 37th Convention and Technical Institute	Hong, Yat-Lam
Auxiliary Exchange, Today Is an Historic Day	
Burning the Fuzz From the Hammers	Tremper, Fred
Chapter Matters	Bowman, Keith
Clogged CA Glue Spouts	Williams, Margie
Communications Mania - Where Is It All Going?	Goldsmith, Larry
Considerations of Octave Size - Article 3	Levitan, Daniel
Consistent Aftertouch Go/No Go Gauge	Day, Chris
Dallas/Ft. Worth Chapters Take Baldwin Factory Tour	Wyatt, Jack
Everyday Piano Prepping	Gravagne, Nick
Houston Chapter Demonstrates Spirit	Wisenbaker, Martin
How Can I See the Future?	Henry, Jami
I Will Treasure This Gift	Gravagne, Nick
Is There a More Effective Way to Mute the Strings During Tuning?	Garrett, Joe
More On Agraffes	Williams, Margie
Movin On Up	Kiel, Mitch
Organizing for Maximum. Efficiency	Goldsmith, Larry
PACE Vertical Regulation Checking Distance & Sharp Key Dip by the Equal Checking Method	
PTG Business Resource Manual	Spurlock, Bill
Raising Pitch	Monroe, Paul
Regional & State Seminar Season Has Arrived	Speir, Leon
Repairing An Ivory Keytop	Anderson, Richard
The Class Was a Huge Success	Hassig, Richard
Tuning 4:1 Double Octaves (#14)	Travis, Michael
Vertical Regulation-Adjusting Checking Distance and Setting	Spurlock, Bill
Sharp Key Dip By Equal Checking	
What Are the Specifics on Hide Glue?	Aisenbrey, Jane
When is a Pitch Raise Necessary?	Sanderson, Al

KEYWORDS:

1994, 37th Convention and Technical Institute, A Wide Variety Will Serve Us All, action regulating, advertising, An "Every Which Way You Can" Temperament Sequence TUNING, An Industry Update, Anaheim, antique pianos, Auxiliary Exchange, backchecks, birdcage over-damper, bridge roll, broken, Burning the Fuzz From the Hammers, CA, calendars, Case Study, cellular phones, Chapter Matters, clip art, Communication Mania - Where Is It All Going?, computer communications, Computer software, Consistent Aftertouch, Critical "high points", David Vanderlip & Kathy Smith's shop arrangement, education, E-Mail, Everyday Piano Prepping or .. The Return of Emma Schwartz & Her Hated Piano, finishing touch on new hammer installation, go, How Can I See the Future?, I Will Treasure This Gift, In-harmonicity & the Temperament, Is There a More Efficient Way?, manufacturers represented, Member of Note award winner, mixing, More On Agraffes, Movin' On Up, neglected or badly worn piano, newsletter, no-go gauge, or hammer filing, Organizing for Maximum Efficiency, PACE, PACE Technical Lesson #14 Vertical Action Regulation - Adjusting Checking Distance and Setting Sharp Key Dip by the Equal Checking Method, PACE Tuning 4:1 Double Octaves, pitch raise, printing, PTG activities, PTG Business Resource Manual, PTG Examination & Test Standards Committee, PTG Review, PTG Short Takes Dallas/Fort Worth Chapter Takes Baldwin Factory Tour, PTG Short Takes Houston Chapter Demonstrates Spirit, Q & A, Regional & State Seminar Season Has Arrived, removal & repair, repairing chipped ivory keytops, scheduling and technical management programs., Scholarship Store, secondary inharmonicity, Servicing square grands, soaking, technical training, Techno-Stuff, The Class Was a Huge Success, The Tuner, theory, Today Is an Historic Day, TT&T, Tuning, Vertical Regulation-Adjusting Checking Distance and Setting Sharp Key Dip By Equal Checking Method (#14) REGULATING PACE, Visually Impaired Class at 1994 convention, What Are the Specifics on Hide Glue? Preparation, When Is a Pitch Raise Necessary?, wide range of technical complexity in PTJ articles is preferable

November 1994

CD# 3

Articles

TITLE	AUTHOR
Auxiliary Exchange, Holiday Gifts from the Scholarship Store	Day, Chris
Better Capstan Wrenches	Coleman, James W.
Can You Tune Less Than A-440?	Bowman, Keith
Chapters Matter	Johnson, Wade
Council Agenda Items Due To Committee By December 31, 1994	McKlveen, Ben
Deadline For Awards Nominations Due To Committee Chair By	Collier, Colette
Death, Taxes, & Dues	Gravagne, Nick
Everyday Piano Prepping-Part 1	Tremper, Fred
Fitting A New Set Of Hammers	Gentile, Carman
George Steck Upright #13999	
Industry News	
Inharmonicity Curves - Article 4	Levitan, Daniel
Key Leverage Ratio Measurements	Day, Chris
Making Marking Punches For Bridges	Ashmore, Yvonne
Marketing, Phase Two	Speir, Leon
Movin' On Up	Kiel, Mitch
Opportunity Is Always There	Goldsmith, Larry
Part I: The Evaluation Checklist	Valley, Don
Pitch Raising and Tuning a Bluthner	Reeder, James
PTG Business Resource Manual	Spurlock, Bill
PTG Foundation Scholarship Awarded	Staff
SPELLS-Finding Ways to Make a Difference	Goldsmith, Larry
Still More on the Moor	Dahl, Bjarne B.
The Baldassin-Sanderson Temperament (#15)	Travis, Michael
The Historical Temperaments: An Introduction	Jorgensen, Owen
Tightening Stripped Screw Holes	Ashmore, Yvonne
Tuning Techniques Need to be Presented	Smith, Virgil
Unison Stability	Anderson, Richard
Vertical Regulation-Dampers: Alignment & Regulation of Pedal	Spurlock, Bill
Lift (#15)	

KEYWORDS:

1994 PIANO TECHNICIANS GUILD Review, actually a Pleyel harpsichord with metal frame, advertising, aliquot scale, appropriateness to literature, Auxiliary Exchange, Behold the Upright, Better Capstan Wrenches, bridge pin locating punch of Plexiglas, Can You Tune Less Than A-440?, Chapter Matters, contiguous thirds, Council Agenda Items Due To Committee By December 31, damper wire bending, Deadline For Awards Nominations Due To Committee Chair By December 31, Death, education, Estimates, Everyday Piano Prepping Part 1: The Evaluation Checklist, Finding Ways to Make a Difference, Fitting a New Set of Hammers, flat toothpick and super glue, George Steck Upright #13999 History File H For History, hammer technique, Holiday Gifts from the Scholarship Store, Industry News, Inharmonicity & the Temperament, inharmonicity curve, key bushing, Key Leverage Ratio Measurement, key-action system ratio, Making Marking Punches for Bridges, Marketing Phase Two, Movin' On Up, Musical performance linked to intelligence, newsletters, North Bennet Street School Open House, Opportunity Is Always There, optimism, PACE Technical Lesson #15 Vertical Action Regulation - Damper Alignment and Regulation of Pedal Lift, PACE Tuning Lesson #15 The Baldassin - Sanderson Temperament, Pitch Raising and Tuning a Blüthner, pitch standard, PTG Business Resource Manual, PTG Examination & Test Standards Committee, PTG Foundation Scholarship Awarded PIANO TECHNICIANS GUILD Foundation Spotlight, PTG Review, PTJ articles dealing practical application of tuning skills, pulley keys repair, Q & A, Reaching Out to Piano Teachers with the New ... Public relations, seize the opportunity, Selling PTG and RPT standards, Seminars, SPELLS, Still More on the Moor, Taxes, Techno-Stuff, The Historical Temperaments: An Introduction, theory, Tightening Stripped Screw Holes, Trimming grand hammer shanks and checkering the tails, TT&T, Tuning, tuning below pitch, Tuning stability, Tuning Techniques Need to be Presented, two octave

December 1994

CD# 3

Articles

TITLE	AUTHOR
A Regulating Tip	Elmer, Francis
A Time To Reflect On the Past & Future	Speir, Leon
Danny Boone: 1938-1994	Potter, Randy, et al
Keys	Valley, Don
Koford, Herman: 1898-1994	Collins, James A.
Let the Piano Tell You	Stebbins, Jack
Passages .. Bob Wolf	Hazzard, Nancy
Passages .. Danny Boone	Huether, Charles
Recycling Epoxy	Brassard, Denis
Schools Need Encouragement & Support	Goldsmith, Larry
Setting An Accurate A	Monroe, Paul
The Baldassin-Sanderson Temperament - Part 2 (#16)	Travis, Michael
The Historical Temperaments: Part 2	Jorgensen, Owen
The Ice Cream Man Has Tools For The Piano Technician	Cooper, Sandra
The Math of It All - Article 5	Levitan, Daniel
The Problem Of Broken Agraffes & Sleeping To The Keyboard	Stone, Sid
The Revised Twelve Days of Christmas	Radford, Carl
Unison Stability Continued	Anderson, Richard
Vertical Regulation-Damper Spoon Adjustment (#16)	Spurlock, Bill
What Does That Mouse Really Leave Behind?	Goldsmith, Larry
What Precautions Should Be Used With Methanol?	Wood, Doug
Would You Go a Mile For a Meeting?	Guthrie, Ward

KEYWORDS:

A Time To Reflect on the Past and the Future, A-440, Action Regulating Tip, adhesives, Article 5, Behold the Upright, Bob Wolf, chemicals, damper lift, Danny Boone, Danny Boone: 1938-1994 PIANO TECHNICIANS Passages, death notice, File T for Temperament, friction rusty strings, Health risks, Herman Koford, Inharmonicity & the Temperament, Ivory and sharp cap replacement, key bushing, MSDS, Obituary, PACE Technical Lesson #16 Vertical Action Regulation - Damper Spoon Adjustment, PACE Tuning Lesson #16 The Baldassin - Sanderson Temperament: Part 2 Dividing the F3-F4 Octave into Six Equal Parts, pests, popsicle for inserting temperament strip, PTG development, Q & A, Recycling Epoxy, Schools Need Encouragement & Support INDUSTRY Editorial Perspective, setting the initial pitch, solvents, spoon bender, symmetry, Techno-Stuff, The Historical Temperaments: Part 2 Young's Well temperament, The Ice Cream Man Has Tools for the Piano technician, The Math of It All, The Problem of Broken Agraffes & Sleeping To the Keyboard Count, The Revised Twelve Days of Christmas HUMOR, The Tuner, TT&T, Tuning, tuning, tuning theory, upright let off, vermin, What Does that Mouse Really Leave Behind?, What Precautions Should Be Used With Methanol?, Would You Go a Mile For a Meeting? PIANO TECHNICIANS GUILD Review

January 1995

CD# 3

Articles

TITLE	AUTHOR
Albuquerque, Here We Come!	Sturm, Fred
An Open Letter to PTG Membership	Hughes, David
Chapter Matters	Bowman, Keith
Dear Fellow PTG Member:	Weisensteiner, Roger
Hammer Installation-A Different Perspective	Foye, Gerald
It's Just a Feeling I Have	Brassard, Denis
It's Just A Feeling I Have	Waltrip, Bob
Making our Logo work for us	Spurlock, Bill
Movin' On Up	Kiel, Mitch
Music Rack Screw Hole Repairs	Kerr, Robert
New Technical Editor Named for Journal	Staff
New Technical Editor Named For Journal	Blees, Willem
Polishing Balance Rail and Front Rail Pins	Monroe, Paul
Salesmanship	Speir, Leon
Setting Goals In the New Year	Kirkland, Royal
Technician Serves As Detective	Travis, Michael
The Baldassin-Sanderson Temperament - Part 3 (#17)	Dillon, Brenda
The Piano Technician	Anderson, Richard
Unison Stability Continued	Fornwalt, Fred
Use Magic and Invite the World	Spurlock, Bill
Vertical Regulation-Bridle Wire & Pedal Adjustments (#17)	

KEYWORDS:

A Catalyst for the SPELLS Program, A Different Perspective!, Albuquerque, An Open Letter to PTG Membership, Chapter Matters PIANO TECHNICIANS GUILD PTG Review, customer relations, Dear Fellow PTG Member: PIANO TECHNICIANS GUILD Foundation Spotlight, equalizing string tension, Examination and Test Standards Committee, Hammer Installation, Hammer technique, Here We Come! PIANO TECHNICIANS GUILD Convention, It's Just a Feeling I Have, It's Just A Feeling I Have TUNING Tools, Making Our Logo Work For Us, marketing advertising, Movin' On Up, music education, Music Rack Screw Hole Repair, New Technical Editor Named for Journal, New Technical Editor Named For Journal PIANO TECHNICIANS GUILD Editorial Perspective, PACE Technical Lesson #17 Vertical Action Regulation - Bridle Wire and Pedal Adjustment, PACE Tuning Lesson #17 The Baldassin - Sanderson Temperament: Part 3 Completing the F3-F4 Temperament, Polishing Balance Rail and Front Rail Pins REGULATING Tools, PTG, PTG logo, RPT testing, scheduling appointments, Setting Goals in the New Year, split rubber mute, Steinway model A, Steve Brady, stolen piano recovered, stripped screw holes, Technician Serves as Detective, Techno-Stuff, The Piano Technician, The Tuner, Tips & Techniques, TT&T, Tuning, tuning, Use Magic and Invite the World PIANO TECHNICIANS GUILD Convention

February 1995

CD# 3

Articles

TITLE	AUTHOR
A Lot of New...A Lot to Do... In New Mexico	Fornwalt, Fred
A: Tuning Stability In Pianos	Fandrich, Del
Ancient Peoples In Modern Times	Sturm, Fred
Auxiliary Exchange, Dedicated to Auxiliary News and Interests	Sellers, Virginia
Capo d'astro Bars	Brady, Steve
Champion Named to Quality Post	
Concerted Effort Brings Success on Several Fronts	Wyatt, Jack
Full Service Piano Work	Gravagne, Nick
Garland Named Sales Manager at Dampp-Chaser Electronics	
Getting the Work Done!	Speir, Leon
How Can I Improve Tuning Stability?	Fandrich, Del
In Memory, John Little 1910-1994	Monroe, Paul
Inharmonicity In Real Pianos - Article 6	Levitan, Daniel
Keep Up The PACE	Olsen, Paul
Michael Travis Replies:	Travis, Michael
Movin' On Up	Kiel, Mitch
New CEO at Baldwin	
On the Level? (Level Strings, Bobbling Hammers)	Brady, Steve
Parallel Interval Tests (#18)	Travis, Michael
Piano Rentals as a Side Business	Dacbert, David
Piano Rentals as a Side Business	Dacbert, David M.
PTG Business Resource Manual:RPT Business Forms	Kim, Beverly
Regarding PACE Lesson #15	Yonley, Fred
Richard J. Kawiecki	Baltimore Chapter
Sticking Key Traced to Damper Spoon	Sullivan, W.R.
Temporary Field Repair For Cracked Brass Butt Plate	Churchill, Ken
Tips on Tuning Antique Pianos	Stone, Sid
Vertical Troubleshooting - Diagnosing the Bobbling Hammer (#18)	Spurlock, Bill
Which Journal do YOU Want?	Brady, Steve

KEYWORDS:

A Lot of New .. A Lot to Do .. in New Mexico, A: Tuning Stability in Pianos, Ancient Peoples In Modern Times PIANO TECHNICIANS GUILD Convention, Article 6, Auxiliary Exchange, Baldwin, birdcage,, center pin, Champion Named to Quality Post, Concerted Effort Brings Success on Several Fronts, counterbearing, death notice, Dedicated to Auxiliary News and Interests, Editor's Round Table, electronic communication, electronic tuning device users, E-mail, environment, estimates, Evaluation, Exam Tips for Associates, front duplex, Full-Service Piano Work, Garland Named Sales Manager at Dampp-Chaser Electronics, Getting the Work Done!, hammer flange, How Can I Improve Tuning Stability? TUNING Q&A, humidity, In Memory, Inharmonicity & The Temperament, Inharmonicity in Real Pianos, jack escapement,, John Little, Karen Hendricks, Keep Up The PACE PIANO TECHNICIANS GUILD Convention, marketing, negative, New CEO at Baldwin, Obituary, On the Level, PACE Technical Lesson #18, PACE Tuning Lesson #18, Parallel Interval Tests, piano industry news, Piano Rentals as a Side Business, Piano Rentals as a Side Business Letters, piano teachers, pitch change, pricing, primary, PTG, PTG & PTJ staff & membership statistics, PTG Business Resources Manual: RPT Business Forms, PTG convention and technical institute review, PTG Review, PTJ journal format, Q & A, Regarding PACE Lesson #15, Regarding PACE Lesson #15 TUNING Letters, regulating, Richard J. Kawiecki PIANO TECHNICIANS In Memory..., secondary, service maintenance program, soundboard crown, SPELL Program, square grand, Sticking Keys Traced to Damper Spoon, string leveling seating strings, string noise, supplemental income, Temporary Field Repair for Cracked Brass Butt Plate, Test Standards, Tips on Tuning Antique Pianos, Topic: Capo D'astro Bars, Trade Relations, TT&T, Tuning, tuning temperament theory, Vertical Troubleshooting - Diagnosing the Bobbling Hammer, voicing, Which Journal do YOU Want?

March 1995

CD# 3

Articles

TITLE	AUTHOR
Ask the right question	Sloane, Ken
Auxiliary Exchange, Dedicated to Auxiliary News and Interests	
Avoiding Teeth Marks	Ballard,Bill et al
Avoiding Teeth Marks	Story,Mark;Sloane,Ken et al
Avoiding Teeth Marks	Torrella, Ron
Clean Steel Wool Before Use	Waltrip, Bob
Conquistadores and Penitentes - The Spanish In New Mexico	Sturm, Fred
Contour & Padding for Tuning Hammer	Kiel, Mitch
Daniel Levitan Replies:	Levitan, Daniel
Encouraging Reclassification	Speir, Leon
Global Warming Is Real. Think Green - Act Green!	Fornwalt, Fred
Glue Applicator for Hammershanks	Brady, Steve
Humidity Control-The State of the Art	Brown, Ruth
international Instructors Featured In Albuquerque Technical Institute	Brooks, Wally
Jack W. Sprinkle: 1932-1995	Jewel Sprinkle
Kenneth H. Gentry: 1928-1994	Neie, Gary
Kent Swafford Replies	Swafford, Kent
More on PACE Tuning #15, Step 7	Sanderson, Al
Movin' On Up-Introducing Exam Pre-screening	Kiel, Mitch
Our Changing Environment-What Do We Do About It? part I	Kim, Beverly
Perceived Loss of Power	Sloane, Ken
Profession and Image	Brady, Steve
Profession and Image	Brady, Steve
Protecting Your Hearing	Garrett, Joe
Richard's Rules For Hammer Technique	Anderson, Richard
Rose Silver, #9	Meireles, Cecilia
Starting Screws and Plugging Screw Holes	Sadigursky, Isaac
Storage of Tuning Curves	Engelhardt, Jacob
Technicians Harmonize At The Top Of Texas	Probst, Dale
The Damp-Chaser Approach to Humidity Control For Pianos	Mair, Robert
The Unison	Monroe, Paul
Tuning 8:4 and 10:5 Octaves in the Low Bass (#19)	Travis, Michael
Tuning the Inharmonic Temperament - Article 7	Levitan, Daniel
Vertical Troubleshooting - Repairing The Sticking Key (#19)	Spurlock, Bill
Walter Olson: 1913-1994	Neie, Gary
Whatever Happened to "Art"	Levitan, Daniel
Whatever Happened to "Art?"	Harmon, Clayton
Wide Hole Agraffes	Sadigursky, Isaac

KEYWORDS:

#9 MISCELLANEOUS, a science or an art, A: Ask the Right Question, acetone, action parts, action regulation, Albuquerque '95, Article 7, Auxiliary Exchange, Avoiding Teeth Marks, Avoiding Teeth Marks TOOLS & EQUIPMENT Q&A, beat rate, Bike tape wrap, cap nut, Clean Steel Wool Before Use, Conquistadors and Penitents - The Spanish In New Mexico PIANO TECHNICIANS GUILD Convention, Contour & Padding for Tuning Hammer, Convention & Technical Institute Review, Damp-Chaser, Daniel Levitan Replies: TUNING Letters, Dedicated to Auxiliary News and Interests, Encouraging Reclassification, Glue Applicator for Hammer Shanks, hammer filing, hearing loss and hearing aids, Humidity Control, In Memory of Esther Stegeman, Inharmonicity & The Temperament, International Flavor ... Southwestern Spice, international Instructors Featured In Albuquerque Technical Institute PIANO TECHNICIANS GUILD Convention, Introducing (Belatedly) Exam Pre-Screening, Jack W. Sprinkle: 1932-1995 PIANO TECHNICIANS Passages, Kenneth H. Gentry: 1928-1994 PIANO TECHNICIANS Passages, Making Plans & Setting Goals, Marketing Ourselves, More on PACE Tuning #15, Movin' On Up, nose bolt, Our Changing Environment: What Do We Do About It? - Part I, PACE Technical Lesson #19, PACE Tuning Lesson #19, Perceived Loss of Power, Perceived Loss of Power REGULATING Q&A, Piano tuning, Profession and Image, Profession and Image PIANO TECHNICIANS GUILD Editorial Perspective, Protecting Your Hearing, PTG RPT Exam, public relations, Q & A, Q & A, relative humidity, Rose Silver, RPT Exam standards, Sanderson accu-tuner, secondary, shoulder nut, sluggish hammer, Starting Screws and Plugging Screw Holes, Step 7 TUNING Letters, Storage of Tuning Curves, Storage of Tuning Curves TUNING Letters, Technicians Harmonize At The Top Of Texas PIANO TECHNICIANS GUILD Review, Techno-Stuff, The Damp-Chaser Approach To Humidity Control for Pianos, the State of the Art, The Tuner, The Unison, TT&T, tuning, Tuning 8:4 and 10:5 Octaves in the Low Bass, Tuning hammer technique, Tuning the Inharmonic Temperament, Vertical Troubleshooting - Repairing the Sticking Key, Walter Olson: 1913-1994 PIANO TECHNICIANS Passages, Whatever Happened to "Art", Whatever Happened to "Art?" TUNING Letters, Wide Hole Agraffes, Yamaha tuners memory storage

April 1995
CD# 3
Articles

TITLE	AUTHOR
Alas, This is the End	Hoskins, Leslie
Albuquerque - The Wild West	Strum, Fred
Albuquerque, the Wild West	Sturm, Fred
Auxiliary Exchange, Dedicated to Auxiliary News and Interests	Snyder, Kathryn
Belligerent Buzzing Bass String Blues	Anderson, Richard
Bench Tuning?	Brady, Steve et al
Bench Tuning?	Hunt, Newton J.
Bench Tuning?	Hunt, Newton;Kupelian,Paul et a
Bench Tuning?	Sloane,Ken;Wathen,Michael et al
Broken Agraffe Tricks	Russo, Steve
Broken Plate Repair?	Beck, Robert
Changing Environment:What Do We Do About It? Part II	Kim, Beverly
Chung Named VP, GM of Kawai	Staff
Competitors or Colleagues?	Brady, Steve
Dan Levitan Replies:	Levitan, Daniel
Different Octave Test	Tremper, Fred
Ditto	Stone, Sid
Education Is the Key to PTG	Speir, Leon
Educational Opportunities A Draw At NCRC	Hallmark, Alan
Helmut Titz: 1910-1995	McCann, Steve
Let's Get Gross-See the Big Picture	Kiel, Mitch
Lighten Up!	Serviss, Ken
Making Ivory Wafers	Smith, Bill
Mark R. Hunting: 1958-1995	Goodwin, Garland O.
Methods for Determining Value?	Brady, Steve
More Broken Agraffe Tricks	Allen, Fred
More On Pitch Raising-or DO Bridges Really Roll?	Peele, Mark
NAMM '95 Show Review	Brady, Steve
Nodes & Inharmonicity	Levitan, Daniel
Nodes and Inharmonicity	Hickey, Jeffrey T.
Retain the Retainer?	Foye, Gerald
Robo Sander!	Ashmore, Yvonne
The Annual Institute: Who Needs It?	Fornwalt, Fred
Transplanting A Tuner	Karabinus, Audrey
Tuning Stability	Monroe, Paul
Write Now, Ask Me How...	Ballard, Bill
Yet Another Temperament Sequence	Levitan, Daniel

KEYWORDS:

1995 convention and technical institute review, Alas, Albuquerque, Albuquerque - The Wild West, appraisal, artist bench repair, Ask Me How, Auxiliary Exchange, bearing, Belligerent Buzzing Bass String Blues REPAIR Technostuff, Bench Tuning?, Bench Tuning? MISCELLANEOUS Q&A, broken agraffe removal, Broken Agraffe Tricks, Broken Plate Repair? REPAIR Q&A, Chapter Newsletters, cheek block screws, Chinese and Former Soviet-bloc Made Pianos Make Key Appearance at NAMM, Chung Named VP, Competitors or Colleagues?, continuing education and professional competency, Dan Levitan Replies: TUNING Letters, death notice, Dedicated to Auxiliary News and Interests, Different Octave Test, Ditto HUMOR Letters, Education Is the Key to PTG, Educational Opportunities A Draw At NCRC PIANO TECHNICIANS GUILD Review, Exam standards, fellow technicians, gluing, GM of Kawai INDUSTRY News, Helmut Titz, In Loving Memory Pearl Kreittz, In Memory, keytops, Let's Get Gross .. See the Big Picture, Lighten Up! HUMOR Letters, Making Ivory Wafers, Mark R. Hunting, Marketing Ourselves, Methods for Determining Value?, More Broken Agraffe Tricks REPAIR Tools, More on Pitch Raising ... or DO Bridges Really Roll?, Movin' On Up , NAMM Show Review, new comers, Nodes & Inharmonicity, Nodes and Inharmonicity TUNING Letters, Obituary, octave tuning, Our Changing Environment: What Do We Do About It? - Part II, PTG changes, Q & A, Q & A, Retain the Retainers?, Robo Sander! TOOLS & EQUIPMENT Tools, stability, stringing errors impact on tuning stability, temperament, The Annual Institute: Who Needs It?, The Tuner, the Wild West PIANO TECHNICIANS GUILD Convention, This is the End MISCELLANEOUS The late Leslie Hoskins poem quoted, Tips & Techniques, Transplanting A Tuner PIANO TECHNICIANS The Tuner's Life, TT&T, tuning, Tuning, tuning , Write Now, Yet Another Temperament Sequence

May 1995
CD# 3
Articles

TITLE	AUTHOR
"More Room, But Exams Still First-Come First-Serve"	Kiel, Mitch
A Study In Inharmonicity	Tremper, Fred
A Tough Scrape	Ballard, Bill
A Tuner's 10-year Tonal Treasure Hunt	Franklin, Dan
Associate Voting Rights On The Agenda	Speir, Leon
Auxiliary Exchange, And The Winners Are ...	Ballou, Rhonda
Brushes	Hunt, Newton
Changing Environment: What Do We Do About It? part III	Kim, Beverly
Cleaning Sock	Ballard, Bill
Damper Problems	Brady, Steve
Dogma vs. Reality	Brady, Steve
Grand Regulation, Part 1: Keyframe Bedding (#20)	Spurlock, Bill
Hot Glue Tips	Richmond, Barbara
Improved Loop-Making Tool	Hoeckelman, Alan
Just Another Concert Tuning	Swafford, Kent
More On Hammer Installation	Bonner, Charlie
More on Hot Glue Tips	Scoles, Frederick
Non-Parallel Bridge Notching	Fandrich, Del
Particle Board Repair	Anderson, Richard
Paul A.U. Lawrence: 1909-1994	Griffith, Ben
Piano Protector	Florence, Rick
Presenting Programs to Teachers: A Personal Perspective	Hern, Monica
Refining the Midrange with Contiguous Interval and P5/P4 Comparison Tests (#20)	Travis, Michael
Smelly Upright	Seay,Tom;Torrella,Ron et al
Smelly Upright	Spurlock, Bill;Story,Mark et al
Smelly Uprights	Seay, Tom
Squaring Agraffes	Brady, Steve
Steinway, Selmer Announce Merger	
Steinway, Selmer Announce Merger	Staff
Toxic Turbo Tongue	Wyatt, Jack
Tuning Below the Temperament	Monroe, Paul
Tuning Forks-Accuracy, Stability & Practical Applications	Ellis, Jim
Vision Quest - Albuquerque '95	Fornwalt, Fred
Working In The Real World	Phillips, Webb

KEYWORDS:

A Study in Inharmonicity, A Tough Scrape, A Tuner's 10-Year Tonal Treasure Hunt, Accuracy, ACTION" Letters, aluminum or steel, And The Winners Are ..., Associate Voting Rights on the Agenda, Auxiliary Exchange, Bass, business goals and objectives, But Exams Still First-Come First-Serve, case, Changing Environment ... What Do We Do About It?, Cleaning Sock, convention & technical Institute review, damper noises, death notice, demographic trend in the piano industry, duplex scale, Editor's Roundtable ... Damper Problems, From Frederick Scoles, From Newton Hunt, glide bolts, glue pot methods, Grand Regulation Part 1: Keyframe Bedding, hot glue pot methods, Hot Glue Tip, Improved hitch pin string Loop Making Tool, In Memory, Industry News, intervals, Just Another Concert Tuning,, knock, long-term, Marketing Ourselves, More On Hammer Installation "PARTS, More Room, Movin' On Up!, non-equal unison string lengths, Non-Parallel Bridge Notching, Obituary, PACE, Particle Board Repair, Paul A. U. Lawrence, Piano Protector MISCELLANEOUS Tools, Presenting Programs to Teachers: A Personal Perspective,, professional ethics, PTG convention '95 issues, PTG RPT, PTGA Grant Funds Russian Study, rather than learning a handful of remedies by rote. Open mind is key to learning from experience, Refining the Midrange with Contiguous Interval and P5/P4 Comparison Tests (#20) TUNING PACE, sanding bed, scraper from hack saw blade, screws, Selmer Announce Merger, Selmer Announce Merger INDUSTRY News, Smelly Upright MISCELLANEOUS Q&A, Smelly Uprights, Squaring Agraffes,, Stability and Practical Applications, Steinway, Steinway mid-treble, Technical/tuning exam, Techno Stuff, temperature, The Tuner - Tuning Below The Temperament, The Tuner's Life, Tips & Techniques, Toxic Turbo Tongue, tri-chords, TT&T, tuning, Tuning Fork, understanding the nature of things, Vision Quest - Albuquerque '95, Working In The Real World BUSINESS PTG Review

June 1995
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 Articles

TITLE	AUTHOR
A Curse Against A.H. Who Does Not Make Instruments	Snodgrass, W.D.
A Look at "The Piano Book"	Eder, Alan
A Smaller; More Convenient Micrometer	Levitan, Daniel
An International Opportunity In Albuquerque	Hilbert, Ed
An Ounce of Prevention	Kiel, Mitch
CA Glues in Piano Work	Frederick,Richard;Hart,Glen et
CA Glues in Piano Work	Probst,Dale;Spurlock, Bill
Changing Environment, What Do We Do About It? Part IV	Kim, Beverly
Comparing Hammer Boring Jigs	Severance, David
Diving Into Desktop Publishing	Grassi, Jeannie
Fine on Fine . . An Interview with Larry Fine	Eder, Alan
Grand Regulation, Part 2 - Positioning the Keyframe (#21)	Spurlock, Bill
Ken Sloane replies:	Sloane, Ken
Measuring Counterbearing Angels	Hoffsommer, Conrad
Measuring Counterbearing Angles	Dempsey, Paul
Measuring Counterbearing Angles	Johnson, Dennis
More Birdcage Tips	di Giorgio, Loren
More on Capo Bars	Dempsey, Paul
Perceived Loss of Power	Ellis, Jim
Replacing Bridge Pins With Original Size	Wathen, Michael
Resolution For Long-Term Educational Goals	Speir, Leon
Sightseeing and Southwestern Spice	Sturm, Fred
Spice Up Your Business In Albuquerque	Fornwalt, Fred
Success In Business	Henry, Fern
The Designer's Notebook V-bars, Pressure Bars and Duplex	Fandrich, Del
The Limits of Theory	Levitan, Daniel
Treble: Part 1-The M3-M10-M17 Test (#21)	Travis, Michael
Tuning With The Enemy. . Berkeley Tuner Travels to Havana	Treuhaft, Benjamin
Why Are We Tuners?	Brady, Steve

KEYWORDS:

A Curse Against A.H. Who Does Not Make Instruments MISCELLANEOUS, A Look at "The Piano Book" REVIEWS Review & Critique, A Smaller; More Convenient Micrometer TOOLS & EQUIPMENT Tools, An International Opportunity In Albuquerque PIANO TECHNICIANS GUILD Convention, An Ounce of Prevention EXAMS ETS Committee, CA Glues in Piano Work ADHESIVES Q&A, Changing Environment, Comparing Hammer Boring Jigs TOOLS & EQUIPMENT, Diving Into Desktop Publishing PIANO TECHNICIANS GUILD Review, Fine on Fine . . An Interview with Larry Fine PIANO TECHNICIANS, Grand Regulation, Ken Sloane replies: REGULATING Letters, Measuring Counterbearing Angels TOOLS & EQUIPMENT Tools, Measuring Counterbearing Angles TOOLS & EQUIPMENT Tools, More Birdcage Tips TUNING Tools, More on Capo Bars REPAIR Letters, Part 2 - Positioning the Keyframe (#21) REGULATING PACE, Perceived Loss of Power REGULATING Letters, Pressure Bars and Duplex Scales DESIGN, Replacing Bridge Pins With Original Size REPAIR Tools, Resolution For Long-Term Educational Goals PIANO TECHNICIANS GUILD President's Message, Sightseeing and Southwestern Spice PIANO TECHNICIANS GUILD Convention, Spice Up Your Business In Albuquerque PIANO TECHNICIANS GUILD Convention, Success In Business Marketing Ourselves, The Designer's Notebook V-bars, The Limits of Theory, Tips & Techniques, Treble: Part 1-The M3-M10-M17 Test (#21) TUNING PACE, Tuning With The Enemy. . Berkeley Tuner Travels to Havana PIANO TECHNICIANS, What Do We Do About It? Part IV BUSINESS, Why Are We Tuners? PIANO TECHNICIANS Editorial Perspective

July 1995
CD# 3
Articles

TITLE	AUTHOR
"Elephant Under Glass: The Piano Key Bleach House of Deep River, CT"	Shayt, David H.
A Time for Reflection, A Time of Change	Speir, Leon
Bass String Storage	Gilreath, Allan et al
Bass String Storage	Probst, Dale; Dempsey, Paul et al
Cultural Differences	Kirkwood, Doug
Dry Rot in Pianos?	Hartman, John
Edwards Elected President of MTNA	Staff
Grand Regulation, Part 3 - Hammer Travel, Angle and Spacing (#22)	Spurlock, Bill
Hygrometer/Thermometers	Crane, Alan
Hygrometer/Thermometers	Dennis Johnson
Hygrometer/Thermometers	John Minor
Hygrometer/Thermometers	Kent Swafford
Hygrometer/Thermometers	Rose, Don
Hygrometer/Thermometers	Sloane, Ken
Ivory Keyboard Restoration	Smith, William
Ivory-Like Keytops from Beef Bones	Bunch, Donald
Practical Repairs for Chipped Ivories	Brady, Steve
Promoting the Piano . . A Marketing Venture	Hallmark, Alan
Restore the "White" To Those Ivory Keys	Wagner, Richard
Treble: Part 2-Checks and Balances (#22)	Travis, Michael
Tune It Or Die	Mehaffey, Joe
Where the Finger Meets the Key	Brady, Steve

KEYWORDS:

"Elephant Under Glass: The Piano Key Bleach House of Deep River, A Time for Reflection, A Time of Change PIANO TECHNICIANS GUILD President's Message, Angle and Spacing (#22) REGULATING PACE, Bass String Storage PARTS, CT" HISTORY, Cultural Differences INTERNATIONAL Convention, Dry Rot in Pianos? MISCELLANEOUS Q&A, Edwards Elected President of MTNA INDUSTRY News, Grand Regulation, Hygrometer/Thermometers TOOLS & EQUIPMENT Tools, Ivory Keyboard Restoration, Ivory-Like Keytops from Beef Bones REBUILDING, OTHER Q&A, Part 3 - Hammer Travel, Practical Repairs for Chipped Ivories REPAIR, Promoting the Piano . . A Marketing Venture INDUSTRY, Restore the "White" To Those Ivory Keys RESTORATION, Tips & Techniques, Treble: Part 2-Checks and Balances (#22) TUNING PACE, Tune It Or Die HUMOR Grand Illusions, Where the Finger Meets the Key PIANO TECHNICIANS GUILD Editorial Perspective

August 1995
CD# 3
Articles

TITLE	AUTHOR
Bass String Breakage	Harvey, Jim et al
Bass String Breakage	Thile,Scott;Richmond,Barbara et
Brush vs. Spray	Birkett, Stephen
Dan Franklin replies:	Franklin, Dan
Del Fandrich replies:	Fandrich, Del
Faculty Showcase Series	Richmond, Barbara
Grand Regulation, Part 4 - Spacing, Squaring & Leveling (#23	Spurlock, Bill
Handy Way to Align Vertical Piano Pedals	Bowman, Daniel
Hegel and the Volvo	Brady, Steve
Humidity Control	Mair, Robert W.
In Passing...Dennis Nicholson	Cottrell, Diane
Long-Range Planning Needs Member Input	Speir, Leon
PVC Pipe, Ammonia and . . Panty-Hose?	Bartnik, Bob
Rear Duplex Tuning	Ballard, Bill
Rear Duplex Tuning	Hartman, John
Rear Duplex Tuning	McGavern, Keith
Rear Duplex Tuning	Porritt, David
Single Octave Tuning in the High Treble (#23)	Travis, Michael
St. Louis Seminar A Testing Success	Blees, Willem
The 60-Second Temperament	Levitan, Daniel
The Designer's Notebook - Front Duplex Stringing Scales	Fandrich, Del
The Effects of Downbearing On The Tone of the Piano - Part I	Hartman, John
Tuning Hammer Geometry	Ellis, Jim
Tuning Out Noises . . Part I	Juhn, Ernie
Water-Based Finishes	Johnson,Dennis et al
Water-Based Finishes	Springer,Bill et al
Water-Based Finishes	Spurlock, Bill et al

KEYWORDS:

Ammonia and . . Panty-Hose? LUBRICANTS & CLEANERS Tools, Bass String Breakage PARTS, Brush vs. Spray MISCELLANEOUS Q&A, Dan Franklin replies: DESIGN Letters, Del Fandrich replies: HUMIDITY Letters, Faculty Showcase Series HUMOR Grand Illusions, Grand Regulation, Handy Way to Align Vertical Piano Pedals REPAIR Tools, Hegel and the Volvo MISCELLANEOUS Editorial Perspective, Humidity Control TUNING Letters, In Passing...Dennis Nicholson PIANO TECHNICIANS In Memory..., Long-Range Planning Needs Member Input PIANO TECHNICIANS GUILD President's Message, OTHER Q&A, Part 4 - Spacing, PVC Pipe, Rear Duplex Tuning DESIGN Letters, Single Octave Tuning in the High Treble (#23) TUNING PACE, Squaring & Leveling (#23 REGULATING PACE, St. Louis Seminar A Testing Success PIANO TECHNICIANS GUILD Review, The 60-Second Temperament TUNING, The Designer's Notebook - Front Duplex Stringing Scales DESIGN, The Effects of Downbearing On The Tone of the Piano - Part I THEORY, Tips & Techniques, Tuning Hammer Geometry TOOLS & EQUIPMENT, Tuning Out Noises . . Part I SERVICE, Water-Based Finishes MISCELLANEOUS Q&A

September 1995

CD# 3

Articles

TITLE	AUTHOR
Albuquerque Convention In Review	Speir, Leon
Become a Perennial	Blees, Willem
Business Builders	Mehaffey, Joe
Clear Plastic Tubing	Sadigursky, Isaac
Del Fandrich Responds:	Fandrich, Del
From the Ground Up	Valley, Don
Heat Gun Alternative	Stocker, David
How the Public Perceives Our Logo...Results of a Client Logo Survey	Spurlock, Bill
How to build a Vacuum Cleaner Carrying Case	Rood, Terry
Inharmonicity and Octaves-Part 1 - Extending the Temperament	Levitan, Daniel
Mirror, Mirror	Bartnik, Bob
More on Humidity Control	Anderson, Bob
Non-parallel Bridge Notching	Mohr, Peter
Pedal Problem	Fisher, Larry, et al
Perceived Loss of Power	Ellis, Jim
Pricing Guidelines-Determining Rates	Sullivan, W.R. "Dick"
RIP, Part III	Anderson, Richard
Smoke Residue on Finish	Garrett, Joe
Steinway Hammer-Flange Rails: Cloth, Sandpaper, or Nothing at All?	Torrella, Ron, et al
The Duplex Difference-Part 2	Franklin, Dan
The Effects of Downbearing On the Tone of the Piano-Part 2	Hartman, John
The Great Limerick Contest	Brady, Steve
The Noise Clinic-Part 2	Juhn, Ernie
The Way It Was	Driver, Phillip
Tuning Contiguous Thirds to Start a Temperament (#24)	Travis, Michael

KEYWORDS:

ACTION Q&A, Albuquerque Convention In Review PIANO TECHNICIANS GUILD President's Message, Become a Perennial PIANO TECHNICIANS GUILD Review, Business Builders HUMOR Grand Illusions, Clear Plastic Tubing TOOLS & EQUIPMENT Tools, Del Fandrich Responds: DESIGN Letters, From the Ground Up REBUILDING Behold the Upright, Heat Gun Alternative TOOLS & EQUIPMENT Tools, How the Public Perceives Our Logo...Results of a Client Logo Survey BUSINESS, How to build a Vacuum Cleaner Carrying Case TOOLS & EQUIPMENT, Inharmonicity and Octaves-Part 1 - Extending the Temperament TUNING, Mirror, Mirror TOOLS & EQUIPMENT Tools, More on Humidity Control HUMIDITY Letters, Non-parallel Bridge Notching DESIGN Letters, or Nothing at All? PARTS, Part III BUSINESS Technostuff, Pedal Problem REPAIR Q&A, Perceived Loss of Power REGULATING Letters, Pricing Guidelines-Determining Rates BUSINESS, RIP, Sandpaper, Smoke Residue on Finish LUBRICANTS & CLEANERS Tools, Steinway Hammer-Flange Rails: Cloth, The Duplex Difference-Part 2 DESIGN, The Effects of Downbearing On the Tone of the Piano-Part 2 THEORY, The Great Limerick Contest HUMOR Editorial Perspective, The Noise Clinic-Part 2 SERVICE, The Way It Was HUMOR Grand Illusions, Tips & Techniques, Tuning Contiguous Thirds to Start a Temperament (#24) TUNING PACE

October 1995
CD# 3
Articles

TITLE	AUTHOR
1995 PTG Technical Institute Class Reviews . .Part 1	Various
1995 PTG Technical Institute class reviews . .Part 1	Gilreath, Allan
A Better Capstan Wrench	Sadigursky, Isaac
Another Tool for Removing Steinway Shoulder Nuts	Valley, Don
Continuing Education - Passport to Excellence	Escobar, Ron
Ditto	Speir, Leon
Does the Status Quo Need a Change?	Spurlock, Bill
Easier String Leveling and Hammer Spacing	McMillin, Douglas P.
Feedback on Finishes	May, Ron
Glad to be Back	Huether, Charles
Golden Hammer an Honor	Fandrich, Del
If It Ain't Broke-Break it! Or ...There's No Such Thing As a Finished Product	
Looking Good in Print	Spurlock, Bill
Mair Named Sales Manager For Dampp-Chaser	Staff
Museum of Archaic Piano Technology	Anderson, Richard
Muting "Shallow" Strings	McNeil,Tom ET AL
Muting "Shallow" Strings	Sloffer,Phil,Kiddell,Rob et al
Our Spring Catalog	McKay, Doug
Putting the ""Ology"" Into Piano Technology	Hart, Glen
Quick Method for Let-Off	DeTar, Brian
Refining the Bass (#25)	Travis, Michael
Special Scissors for Trimming Damper Wedges	DeTar, Brian
Spray Away Breaking Strings	Kurk, Dennis
Technology: Threat or Menace	Brady, Steve
Testing and Regulating Tuners Varies By Country	Zeman, Joe
Thanks for the Convention	Thieven, Tom
The Effects of Downbearing On the Tone of the Piano-Part 3	Hartman, John
The Internet and You	Berry, Ronald L.
The Noise Clinic-Part 3	Juhn, Ernie
The Wippen	Valley, Don
Thumbs Up for Franklin	Verdolino, Sal

KEYWORDS:

1995 PTG Technical Institute Class Reviews . .Part 1 PIANO TECHNICIANS GUILD, 1995 PTG Technical Institute class reviews . .Part 1 REVIEWS, A Better Capstan Wrench TOOLS & EQUIPMENT Q&A, Another Tool for Removing Steinway Shoulder Nuts TOOLS & EQUIPMENT Tools, Continuing Education - Passport to Excellence PIANO TECHNICIANS GUILD Review, Ditto PIANO TECHNICIANS Letters, Does the Status Quo Need a Change? PIANO TECHNICIANS GUILD President's Message, Easier String Leveling and Hammer Spacing REGULATING Tools, Feedback on Finishes REBUILDING Letters, Glad to be Back PIANO TECHNICIANS Letters, Golden Hammer an Honor PIANO TECHNICIANS Letters, If It Ain't Broke-Break it! Or ...There's No Such Thing As a Finished Product DESIGN Designer's Notebook, Looking Good in Print BUSINESS Marketing Ourselves, Mair Named Sales Manager For Dampp-Chaser INDUSTRY News, Museum of Archaic Piano Technology PIANO TECHNICIANS Technostuff, Muting "Shallow" Strings TUNING Q&A, Our Spring Catalog HUMOR Grand Illusions, Putting the ""Ology"" Into Piano Technology THEORY, Quick Method for Let-Off REGULATING Tools, Refining the Bass (#25) TUNING PACE, Special Scissors for Trimming Damper Wedges TOOLS & EQUIPMENT Tools, Spray Away Breaking Strings LUBRICANTS & CLEANERS Letters, Technology: Threat or Menace PIANO TECHNICIANS GUILD Editorial Perspective, Testing and Regulating Tuners Varies By Country INTERNATIONAL Review, Thanks for the Convention PIANO TECHNICIANS Letters, The Effects of Downbearing On the Tone of the Piano-Part 3 REBUILDING, The Internet and You ELECTRONICS, The Noise Clinic-Part 3 SERVICE, The Wippen REBUILDING Behold the Upright, Thumbs Up for Franklin DESIGN Letters, Tips & Techniques

November 1995

CD# 3

Articles

TITLE	AUTHOR
1995 PTG Technical Institute Class Reviews . . Part 2	Various
1995 PTG Technical Institute class reviews . . Part 2	Kurk, Dennis
A Tale of Two Cities	Anderson, Richard
Achy Breaky Shanks	Raskob, Richard
Bent Plates	Staff
Brock Named Baldwin Senior VP	Willanger, Susan
Burning-in Shanks With a Match	Travis, Michael
Bylaws Proposals due Dec. 31	Wathen, Michael
Duplex Query	Sloane, Ken
Get Sharp!	Guthrie, Ward
How Much Is This Thing Worth?	Hudson-Brown, Karen
Info Sought For MTNA Convention	Levitan, Daniel
Inharmonicity and Octaves, Part 2: Multiple Octaves	Harvey, Jim with Davis, Bob
Mason & Hamlin Screwstringer	Sadigursky, Isaac
More on Plugging Screwholes	Brady, Steve
New PTG Membership Category	Kiel, Mitch
News From Albuquerque...Your New ETS	Magnusson, William A.
Nursing Home Blues	Anderson, Bob
On Hammer Boring Jigs	Stone, Sid
On Treuhافت	Fandrich, Del
Piano Power, Sustain	Gregg, Chris
Polishing Ivories	Brady, Steve
Protect Damper Guide Rail Bushings	Travis, Michael
Prototype Master Tuning Session (#26)	Valley, Don
Rebuilding the Damper System	Kupelian,Paul,Hunt,Newton et al
Shop Feet	Probst,Dale et al
Shop Feet	Springer, Bill
Surfing The Net-Lesson One: Surf's Up!	Hartman, John
The Effects of Downbearing on the tone of the piano	Mannino, Don;Stanwood,David et
Tinned vs. Polished Wire	Thile, Scott et al
Tinned vs. Polished Wire	Brady, Steve
Volunteers	

KEYWORDS:

1995 PTG Technical Institute Class Reviews . . Part 2 PIANO TECHNICIANS GUILD, 1995 PTG Technical Institute class reviews . . Part 2 REVIEWS, A Tale of Two Cities MISCELLANEOUS, Achy Breaky Shanks REPAIR Technostuff, Bent Plates REBUILDING Q&A, Brock Named Baldwin Senior VP INDUSTRY News, Burning-in Shanks With a Match REGULATING Tools, Bylaws Proposals due Dec. 31 PIANO TECHNICIANS GUILD Review, Duplex Query DESIGN Letters, Get Sharp! TOOLS & EQUIPMENT Tools, How Much Is This Thing Worth? BUSINESS, Info Sought For MTNA Convention INDUSTRY News, Inharmonicity and Octaves, Mason & Hamlin Screwstringer PIANOS Q&A, More on Plugging Screwholes REPAIR Tools, New PTG Membership Category HUMOR Grand Illusions, News From Albuquerque...Your New ETS PIANO TECHNICIANS GUILD Review, Nursing Home Blues HUMOR Grand Illusions, On Hammer Boring Jigs TOOLS & EQUIPMENT Letters, On Treuhافت PIANO TECHNICIANS Letters, OTHER Q&A, Part 2: Multiple Octaves TUNING, Piano Power, Polishing Ivories ABRASIVES Tools, Protect Damper Guide Rail Bushings REBUILDING Tools, Prototype Master Tuning Session (#26) TUNING PACE, Rebuilding the Damper System REBUILDING Behold the Upright, Shop Feet SHOP Q&A, Surfing The Net-Lesson One: Surf's Up! ELECTRONICS, Sustain DESIGN Designer's Notebook, The Effects of Downbearing on the tone of the piano REBUILDING, Tinned vs. Polished Wire PARTS, Tips & Techniques, Volunteers PIANO TECHNICIANS GUILD Editorial Perspective

December 1995

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Articles

TITLE	AUTHOR
"Noises in Uprights, Rejoined"	Maxim, Bill
Agraffes	Brady, Steve
Back Separation Repair	Dempsey,Paul et al
Back Separation Repair	Hunt, Newton,Berry,Ron et al
Better & More Stable Tuning in Less Time	Smith, Virgil E.
Center Pinning-Hidden Secrets	Foye, Gerald
Credit Cards	Fine,Larry,Gittinger,Del
Dampers-Why Are They So Darn Much Trouble?	Fandrich, Del
Dear Members of the Piano Technicians Guild	Weisensteiner, Roger
Ernie Juhn Replies	Juhn, Ernie
Great Ideas from the Past Dept.	Fandrich, Del
How Much is This Thing Worth? Part 2	Guthrie, Ward
It'll Be a Classic!	Olsen, Paul
Lyre Screwwhole Repair	Brady, Steve, with Seay, Tom
Magnetic Attraction	Bowman, Keith
Mannino Joins Kawai Support Team	Staff
PTG Committees...How? What? Who?	Carter, Eugenia
Push-Drill	Swafford, Kent
Re-gluing Horizontal Damper Flange in Grand	Anderson, Richard
Regulating Repetition Springs	Hartman, John
Strategic Planning: Politics and Policy - Elections of Officers	Speir, Leon
Surfing the Net; Lesson Two: The Nuts & Bolts	Springer, Bill
The Business Meeting	Stone, Sid
The Discovery of the Piano	Brady, Steve
The Limits of Theory - Revisited	Ricca, Bernard
The Spies Piano: Gift of Renewal	Weisman, Dale
The Traveling Shanks	Anderson, Richard
Tuning Longevity	Levitan, Daniel
Wolf, Bob: 1901-1994	Hazzard, Nancy
World's Best Lid Prop	Sadigursky, Isaac
Yamaha Disklavier Service Class	Hickey, Jeffrey T.
Young Chang Tunes Into Cyberspace With Site on World Wide	Staff

KEYWORDS:

"Noises in Uprights, Agraffes PARTS, Back Separation Repair Q&A, Better & More Stable Tuning in Less Time TUNING, Bob: 1901-1994 PIANO TECHNICIANS Passages, Center Pinning-Hidden Secrets REPAIR Tools, Credit Cards BUSINESS Q&A, Dampers-Why Are They So Darn Much Trouble? PARTS, Dear Members of the Piano Technicians Guild PIANO TECHNICIANS GUILD Foundation Spotlight, Ernie Juhn Replies NOISES Letters, Great Ideas from the Past Dept. DESIGN, How Much is This Thing Worth? Part 2 BUSINESS, It'll Be a Classic! PIANO TECHNICIANS GUILD Convention, Lyre Screwwhole Repair Q&A, Magnetic Attraction BUSINESS PTG Review, Mannino Joins Kawai Support Team INDUSTRY News, OTHER Designer's Notebook, OTHER Editor's Roundtable, PTG Committees...How? What? Who? PIANO TECHNICIANS GUILD Review, Push-Drill TOOLS & EQUIPMENT Tools, Re-gluing Horizontal Damper Flange in Grand REPAIR Q&A, Regulating Repetition Springs REGULATING Tools, Rejoined" NOISES Letters, Strategic Planning: Politics and Policy - Elections of Officers PIANO TECHNICIANS GUILD President's Message, Surfing the Net; Lesson Two: The Nuts & Bolts ELECTRONICS, The Business Meeting PIANO TECHNICIANS GUILD, The Discovery of the Piano PIANO TECHNICIANS GUILD Editorial Perspective, The Limits of Theory - Revisited TUNING, The Spies Piano: Gift of Renewal RESTORATION, The Traveling Shanks REGULATING Technostuff, Tips & Techniques, Tuning Longevity TUNING, Wolf, World's Best Lid Prop TOOLS & EQUIPMENT Tools, Yamaha Disklavier Service Class ELECTRONICS Letters, Young Chang Tunes Into Cyberspace With Site on World Wide Web INDUSTRY News

January 1996

CD# 4

Articles

TITLE	AUTHOR
Could It Be Something I Ate?	Gable, Roger
Do You Have the Right Temperament?	Day, Chris
Huh? Hear Again? You Bet!	Caldwell, Larry
Impact Tuning Hammers	Johnson, Jim
Introducing the PTG Vertical Regulation Curriculum	Carter, Gina
More on Inharmonicity	Albers, Norm
Posture Yourself For Good Health	Swafford, Bonnie Bauer
Quick Sandpaper Tricks	Rice, Paul
Repetitive Trauma Injuries in Piano Technicians - A Preliminary Study	Levy, Robert with Brady, Steve
Restrining Pianos using Original Pinblocks	Fandrich, Delwin
Stress - "That's for Other People"	Kim, Beverly
Taming Woodworking Noise	Vernon, Jack
Technical Exam is Step to RPT	Spiel, Curtis
Telephone Personality	Stone, Sid
Test Your Hearing Over the Phone	Baltimore Chapter
Tuning and Hearing Protection	Baird, John; Johnson, Dennis
Tuning and Hearing Protection	Hoffsommer, Conrad; McKone, John
Tuning and Hearing Protection	Porritt, David, Probst, Dale
Tuning and Hearing Protection	Stickney, Jeff; Stein, Israel
Tuning and Hearing Protection	Stivers, Mark; Musselwhite, J.
Tuning Pin Bushings	Anderson, Richard
Tuning Technique Part 1: Physical Technique	Levitan, Daniel
Tuning the Tuner	Brady, Steve
Tuning Tips	Buyce, Harry

KEYWORDS:

Could It Be Something I Ate? TECHNICIANS The Tuner's Life, Do You Have the Right Temperament? TUNING Letters, hearing protection foam earplugs tinnitus audiologist decibels OSHA Sonnic II musician's plugs, hearing protection foam plugs tinnitus audiologist decibels OSHA Sonic II musician's plugs earplugs, Huh? Hear Again? You Bet! TECHNICIANS The Tuner's Life, Impact Tuning Hammers TOOLS & EQUIPMENT Q&A, Introducing the PTG Vertical Regulation Curriculum PIANO TECHNICIANS GUILD PTG Review, More on Inharmonicity TUNING Letters, OTHER Technostuff, Posture Yourself For Good Health HEALTH & SAFETY, profession health and safety, Quick Sandpaper Tricks MATERIALS Tools, Repetitive Trauma Injuries in Piano Technicians - A Preliminary Study HEALTH & SAFETY, Restrining Pianos using Original Pinblocks REPAIR Q&A, Stress - "That's for Other People" HEALTH & SAFETY, Taming Woodworking Noise HEALTH & SAFETY, Technical Exam is Step to RPT EXAMS, Telephone Personality BUSINESS Marketing Ourselves, Test Your Hearing Over the Phone HEALTH & SAFETY Tools, Tips & Techniques, Tuning Pin Bushings PARTS, Tuning Technique Part 1: Physical Technique TUNING, Tuning Tips TUNING Tools

February 1996

CD# 4

Articles

TITLE	AUTHOR
Are We Endangered?	Brady, Steve
Bluing Metal	Story, Mark with Davis, Bob
Building Your Humidity Control Business with PTG Marketing Tools	Russell, Bob
Do You Hear What I Hear?	Pettengill, Ed
In Today's Economy-Where are You Now?	Valley, Don
Key Height Regulation: A New Approach	Gibson, John
Mid-Life Crisis Pianos	Anderson, Richard
Moldy Bass Strings	Brady, Steve
More on Duplex Scales	Franklin, Dan
More on Repairing Separated Piano Backs	Tittle, Martin
Overstrung Bass Rescaling	Fairchild, Steve
PACE Lessons Appreciated	Johnson, Raymond
Piano Rental Program for Technicians	Carbo, Dick
Pitch-Raising Safety Factor	Fairchild, Steve
Romantic Era Piano Tuning-The Ordinary Temperament Com-	Ressler, Daniel
See Faces Not Just Tuning Pins	Schmitt, James
Special File for Plastic Keytops	Ashmore, Yvonne
Storing Used Ivory Heads	Ashmore, Yvonne
The Hammer Zone	Valley, Don
Troubleshooting Piano Problems	Juhn, Ernie
Why Do Pianos Go Out of Tune the Way they Do?	Fandrich, Del

KEYWORDS:

ACTION Behold the Upright, Bluing Metal REPAIR Q&A, Building Your Humidity Control Business with PTG Marketing Tools BUSINESS, Do You Hear What I Hear? TUNING, In Today's Economy-Where are You Now? BUSINESS PTG Review, Key Height Regulation: A New Approach REGULATING Tools, Mid-Life Crisis Pianos PIANO INDUSTRY Technostuff, Moldy Bass Strings PARTS, More on Duplex Scales TUNING Letters, More on Repairing Separated Piano Backs REPAIR Letters, OTHER Q&A, Overstrung Bass Rescaling THEORY, PACE Lessons Appreciated PIANO TECHNICIANS GUILD Letters, Piano Rental Program for Technicians BUSINESS, Pitch-Raising Safety Factor HEALTH & SAFETY Tools, profession Are We Endangered?, Romantic Era Piano Tuning-The Ordinary Temperament Commonly Practiced TUNING, See Faces Not Just Tuning Pins BUSINESS PTG Review, Special File for Plastic Keytops TOOLS & EQUIPMENT Tools, Storing Used Ivory Heads SHOP Tools, The Hammer Zone PARTS, Tips & Techniques, Troubleshooting Piano Problems REPAIR, Why Do Pianos Go Out of Tune the Way they Do? DESIGN Q&A

March 1996

CD# 4

Articles

TITLE	AUTHOR
Carrying Case for Dampp-Chaser Rods	Rice, Paul
Davies Lid Prop	Davies, Clair
Keeping Music Wire I	Hunt, Newton
Key Repairs	Brady, Steve
More Health Tips	Gallaway, Kent
New hammers, New Shanks, New Butts	Valley, Don
Salesman (ship)	Hallmark, Alan
Steinway Agraffe Replacement	Williams, Kermit
Steinway Sostenuto Monkey U-Pin	Fisher, Larry
The Cruellest Month	Brady, Steve
The Fairfield Charts: A New Method for Plain-Wire Rescaling	Fairchild, Steve
The Great Rubber Band Fix	Dragone, John
The Sweet Spot: Beyond Matched Frequencies in Unison Tuning	Trivelas, Chris
Troubleshooting Piano Problems, Part 2	Juhn, Ernie
Tuning Technique-Part II, Procedural Technique	Levitan, Daniel
Waste Ends for Splicing	Rice, Paul

KEYWORDS:

ACTION Behold the Upright, Carrying Case for Dampp-Chaser Rods MISC. Tools, Davies Lid Prop TOOLS & EQUIPMENT Tools, Keeping Music Wire I PARTS, Key Repairs Editors Roundtable, More Health Tips HEALTH & SAFETY Letters, New Butts PARTS, New hammers, New Shanks, OTHER Letters, OTHER Q&A, Part 2 REPAIR, Procedural Technique TUNING, Salesman (ship) BUSINESS PTG Review, Steinway Agraffe Replacement PARTS, Steinway Sostenuto Monkey U-Pin PARTS, taxes The Cruellest Month, The Fairfield Charts: A New Method for Plain-Wire Rescaling THEORY, The Great Rubber Band Fix REPAIR Tools, The Sweet Spot: Beyond Matched Frequencies in Unison Tuning, Tips & Techniques, Troubleshooting Piano Problems, Tuning Technique-Part II, Waste Ends for Splicing REPAIR Tools

April 1996

CD# 4

Articles

TITLE	AUTHOR
Antibacterial Hand Cleaners	Harvey, Jim
Blown Away - By the NAMM Show! or . . Do Piano Technicians Have a Future?	Potter, Randy
Education is the Key to PTG	Speir, Leon
Help Teachers, Clients, and Build Your Business With a Piano Teacher Survey	Henry, Fern,Spurlock, Bill
Lost Intervals of The Temperament	Levitan, Daniel
Making the FAC Tuning	Fairchild, Steve
More on Hearing	Vernon, Jack
More on Why Pianos Go Out of Tune The Way They Do	Sturm, Fred
My Personal Taste In Well Temperament	Ressler, Daniel
Poor Damping in an Old Upright	Harvey,Jim;Musselwhite,John et
Poor Damping in an Old Upright	Porritt,David;Dempsey,Paul et
Poor Damping in an Old Upright	Smith,Les;Hartman,John et al
Rebushing Sticker Guide Rails	Dempsey,Paul;Greeley,Horace et
Rebushing Sticker Guide Rails	Edwardsen, Rob et al
Springs, Rails & Other Things	Valley, Don
Test Blows and Tuner's Health	Smith, Virgil
That Spinet Controversy	Brady, Steve
The Mechanics & Strength of Wood & Wood Structures Part 1- Basic Mechanics	Fandrich, Del
The Piano Page-What Is It?	Berry, Ronald L.
Troubleshooting Piano Problems-Part 3	Juhn, Ernie
What's New? 1996 NAMM Show Review	Brady, Steve
Woodworking Adhesives and Their Uses	Minick, Chris

KEYWORDS:

ACTION Behold The Upright, and Build Your Business With a Piano Teacher Survey BUSINESS Marketing Ourselves, Antibacterial Hand Cleaners LUBRICANTS & CLEANERS Tools, Blown Away - By the NAMM Show! or . . Do Piano Technicians Have a Future? PIANO INDUSTRY, Clients, Education is the Key to PTG PIANO TECHNICIANS GUILD President's Message, Help Teachers, Lost Intervals of The Temperament TUNING, Making the FAC Tuning Tools, More on Hearing HEALTH & SAFETY Letters, More on Why Pianos Go Out of Tune The Way They Do DESIGN Letters, My Personal Taste In Well Temperament TUNING, Poor Damping in an Old Upright REGULATING Q&A, Rails & Other Things PARTS, Rebushing Sticker Guide Rails REPAIR Q&A, Springs, Test Blows and Tuner's Health TUNING Letters, That Spinet Controversy from 1947 The Piano Technician editorial, The Mechanics & Strength of Wood & Wood Structures Part 1- Basic Mechanics DESIGN, The Piano Page-What Is It? PIANO TECHNICIANS GUILD PTG Review, Tips & Techniques, Troubleshooting Piano Problems-Part 3 REPAIR, What's New? 1996 NAMM Show Review PIANO INDUSTRY, Woodworking Adhesives and Their Uses ADHESIVES

May 1996

CD# 4

Articles

TITLE	AUTHOR
Another Key-Leveling Adjustment Screw	Cole, Tom
Chickering Round Nose-Bolt Nuts	Anderson, Richard et al
Chickering Round Nose-Bolt Nuts	Bittner,Richard;Kehe,Jack et al
Chickering Round Nose-Bolt Nuts	Mannino, Don et al
Chickering Round Nose-Bolt Nuts	Porritt,David;Hunt,Newton et al
Easy Piano Bench Inventory	Sadigursky, Isaac
Grand Piano Plate & Action Relationships	Vincent, Alan
Hammer Felt Close-Ups	Stanwood, David
Million-Dollar Tip!	Burton, Ken
Miracle Polishing Cloth	Fader, Rory with Brady, Steve
More on Tuned Duplex Scales	Fandrich, Del
Music Desk Glide-Felt Caul	Sadigursky, Isaac
PTG & The Piano Industry	Henry, Fern
Questioning Tuned Duplex Scales	Hughes, David
Rebuilding Your Piano	Revenko-Jones, Paul
Some Enchanted Seminar, You May Teach a Stranger-Tips & Suggestions for PTG Instructors	Smith, Evelyn
The Regulating Rail & Drop Action Peculiarities	Valley, Don
Thus "Spoke" Zabrocki	Zabrocki, Sy
Traditional Voicing Techniques	Smith, Virgil
Tuning Stability Etudes	Trivelas, Chris
Unremoveable Action	Florence,Rick;Reeves,Jack et al
Unremoveable Action	Gilreath,Allan;Leatha,Eric et
Unremoveable Action	Karabinus,Audrey et al
Voicing Methods	Brady, Steve
Voicing Tools for the Piano Technician	Severance, David
What is Good Tone?	Brady, Steve

KEYWORDS:

ACTION, ACTION Behold the Upright, ACTION Tools, Another Key-Leveling Adjustment Screw REGULATING Letters, Chickering Round Nose-Bolt Nuts PARTS, Easy Piano Bench Inventory BUSINESS Tools, Grand Piano Plate & Action Relationships DESIGN, Hammer Felt Close-Ups PARTS, Million-Dollar Tip! TUNING Tools, Miracle Polishing Cloth LUBRICANTS & CLEANERS Q&A, More on Tuned Duplex Scales DESIGN Letters, Music Desk Glide-Felt Caul REPAIRS Tools, OTHER Q&A, PTG & The Piano Industry PIANO INDUSTRY PTG Review, Questioning Tuned Duplex Scales DESIGN Letters, Rebuilding Your Piano REBUILDING, Some Enchanted Seminar, The Regulating Rail & Drop Action Peculiarities PARTS, Thus "Spoke" Zabrocki PARTS, Tips & Techniques, Traditional Voicing Techniques VOICING, Tuning Stability Etudes TUNING, Unremoveable Action ACTIONS Q&A, Voicing Methods VOICING Editor's Roundtable, Voicing Tools for the Piano Technician VOICING, What is Good Tone?, You May Teach a Stranger-Tips & Suggestions for PTG Instructors PIANO TECHNICIANS GUILD

June 1996

CD# 4

Articles

TITLE	AUTHOR
Broken Plastic Action Parts	McGavern,Keith;Hopland,Ray et a
Broken Plastic Action Parts	Stephens,Paul;Probst,Dale et al
Broken Plastic Action Parts	Ward,Elizabeth;Brady,Steve et a
Chasing the Wolf	Coleman, James W.
Electronic Gram Scale	Brady, Steve
New Touchweight Metrology	Stanwood, David
PACE Academy Has Something For Everyone	Olsen, Paul
Pianawareness	Brady, Steve
Polishing Keypins	Dover, Danny
Refinishing Sharps	Neblett, Norman
Reply on December 95 Editorial referencing "Repairing and Regulating of Pianos"	Serviss, Ken
RPTs & Marketing	Russell, Bob
Sharp Work!	Greeley,Horace et al
Sharp Work!	Potter,Randy;Stephens,Paul et a
Sharp Work!	Sanderson,David;Hohf,Bob et al
Tapering Hammers	Gregg, Chris
The Crack in the Back	Valley, Don
The Mechanics & Strength of Wood & Wood Structures Part 2-	Fandrich, Del
The Strength and Structure of Wood	
Where's the Click?	Durben, David

KEYWORDS:

ACTION, ACTION Q&A, Broken Plastic Action Parts, Chasing the Wolf TUNING, Electronic Gram Scale TOOLS & EQUIPMENT Tools, New Touchweight Metrology THEORY, OTHER, OTHER Behold the Upright, PACE Academy Has Something For Everyone PIANO TECHNICIANS GUILD Convention, pianos in the media, Polishing Keypins SERVICE Tools, Refinishing Sharps PARTS, Reply on December 95 Editorial referencing "Repairing and Regulating of Pianos" REGULATING Letters, RPTs & Marketing BUSINESS Marketing Ourselves, Sharp Work! TOOLS & EQUIPMENT Q&A, Tapering Hammers PARTS, The Crack in the Back PARTS, The Mechanics & Strength of Wood & Wood Structures Part 2-The Strength and Structure of Wood DESIGN The Designer's Notebook, Tips & Techniques, Where's the Click? NOISES Tools

July 1996

CD# 4

Articles

TITLE	AUTHOR
Another Perspective-On Humidity-Related Tuning Instability	Fandrich, Del
Balance Rail Hole Repair	Day, Chris
Business Tips	Russell, Bob
Down To The Wire	Chandler, Ray
Ethics in Our Profession	Stone, Sid
Foreign Suppliers	Brady, Steve
Hammers & Tone	Gravagne, Nick
Is the Good Service Responsibility a Part of Your Plan?	Henry, Jami
More on Tuning Instability	Churchill, Ken
Pianos for Cuba	French, Frank
PTG-L: Our Lane on the Information Super-Highway	Brady, Steve
Responding to Fairchild	Donelson, James
Solo Troubleshooting	Orgel, Ken
Sound Reflectors for Easier Tuning	Durben, David
Soundboard Repair & Getting Ready to Restring	Valley, Don
Storing Music Wire in Humid Climate	Moore, David
Stubborn Damper Problem	Coleman, James W.Sloane,Ken et
Stubborn Damper Problem	Hunt, Newton et al
Stubborn Damper Problem	McNeil,Tom;Myrkalo,Vince et al
The New Piano-Are We Killing the Industry?	Valley, Don
Touch-Up Tuning	Trivelas, Chris
Troubleshooting Problem	Hilbert, Ed with Hunt, Newton
Victorian Temperament	Jorgensen, Owen
Wax On . . Wax Off!	Brady, Steve;Story,Mark et al
Wax On . . Wax Off!	Fader,Rory et al

KEYWORDS:

ACTION, Another Perspective-On Humidity-Related Tuning Instability HUMIDITY, Balance Rail Hole Repair Tools, Business Tips BUSINESS Marketing Ourselves, Down To The Wire PARTS, Ethics in Our Profession MISC. PTG Review, Foreign Suppliers INTERNATIONAL Q&A, Hammers & Tone PARTS, Is the Good Service Responsibility a Part of Your Plan? PIANO TECHNICIANS GUILD Editorial Perspective, More on Tuning Instability TUNING Letters, Pianos for Cuba INTERNATIONAL letters, PTG-L: Our Lane on the Information Super-Highway, Responding to Fairchild TUNING Letters, Solo Troubleshooting NOISES Tools, Sound Reflectors for Easier Tuning Tools, Soundboard Repair & Getting Ready to Restring REPAIR Behold The Upright, Storing Music Wire in Humid Climate HUMIDITY Tools, Stubborn Damper Problem NOISES Q&A, The New Piano-Are We Killing the Industry? PIANO INDUSTRY Economic Affairs, Tips & Techniques, Touch-Up Tuning, Troubleshooting Problem REGULATING Q&A, Victorian Temperament TUNING, Wax On . . Wax Off! LUBRICANTS & CLEANERS Q&A

August 1996

CD# 4

Articles

TITLE	AUTHOR
38* Steps To Endearment	Stone, Sid
A Prairie Home Piano Crash	Sikora, Walter
Action Blues	Glenn,Phil;Myrkalo,Vince et al
Action Blues	Hilbert,Ed et al
Action Blues	Lamoreaux,Dave;Brady,Steve et a
Action Blues	Myrkalo,Vince;Flaum,Charles et
Action Blues	Seay,Tom;Hunt,Newton et al
Action Power Part 1-Exploring the Limits of Piano Action Dynamics	Fandrich, Del
An Adjustable Action Model	Sambell, Ted
An Easy, Accurate Bearing Plan	Ressler, Daniel
And Still More On Why Pianos Go Out of Tune the Way They Do	Clayton, Bill
Another Hammer-Tapering Jig	Gregg, Chris
Let's Make a New Bass Bridge Before We Restring	Valley, Don
Lyre Repair	Hershberger,Doug et al
Lyre Repair	Hunt, Newton;Hussa,Robert et al
Lyre Repair	Karabinus,Audrey et al
Lyre Repair	Mannino, Don et al
Lyre Repair	Mark;McNeil,Tom,Brady,Steve et
Lyre Repair	McGavern,Keith et al
Modified Rubber Mute	Chen, Fengsheng
More on Humidity-Related Pitch Changes	Fandrich, Del
Re-Weighting a Keyboard	Bressette-Mills, Jack
Specialty Clamps	Bartnik, Bob
The Road to Mastery	Brady, Steve
Tuning the Small Piano	Clayton, Bill
Understanding Tenor Break in the Stringing Design	Day, Chris
What is Sound?	Fandrich, Del

KEYWORDS:

38* Steps To Endearment BUSINESS PTG Review, A Prairie Home Piano Crash TECHNICIANS The Tuner's Life, Accurate Bearing Plan TUNING, Action Blues REGULATING Q&A, Action Power Part 1-Exploring the Limits of Piano Action Dynamics DESIGN The Designers Notebook, ACTION Tools, An Adjustable Action Model MISC., An Easy, And Still More On Why Pianos Go Out of Tune the Way They Do DESIGN Letters, Another Hammer-Tapering Jig PARTS, Let's Make a New Bass Bridge Before We Restring PARTS, Lyre Repair Q&A, mastery of craft requires continual learning, Modified Rubber Mute TOOLS & EQUIPMENT Tools, More on Humidity-Related Pitch Changes HUMIDITY Letters, OTHER Behold The Upright, Re-Weighting a Keyboard REGULATING Tools, Specialty Clamps REPAIR Tools, Tips & Techniques, Tuning the Small Piano TUNING, Understanding Tenor Break in the Stringing Design, What is Sound? THEORY

September 1996

CD# 4

Articles

TITLE	AUTHOR
Dealers and Us	Hickey, Jeffrey
Fitting the Pinblock	Fandrich, Del
I Glove You, Man	Brady, Steve
Key-Front Mortise Replacement	Hunt, Newton
Mini-Scalpel	Bartnik, Bob
More on Protecting Hearing While Tuning	Aanstad, Odd
Number Please	Ballard, Bill
Plate Cosmetics	Brady, Steve
Soundboard Crown Sticks	Guthrie, Ward
Stringing the Back	Valley, Don
Success or . . . Success	Reeder, James
The More Things Change	Brady, Steve
Touch-Up Tuning Revisited	Trivelas, Chris
Tuning The Octave	Clayton, Bill
What's In a Name?	Swackhamer, Wm.

KEYWORDS:

cooperation within piano industry technicians promote piano sales and study, Dealers and Us PIANO INDUSTRY Letters, Fitting the Pinblock REBUILDING Q&A, I Glove You, Key-Front Mortise Replacement REPAIR, Man TOOLS & EQUIPMENT Tools, Mini-Scalpel TOOLS & EQUIPMENT Tools, More on Protecting Hearing While Tuning HEALTH & SAFETY Letters, Number Please REPAIR, Plate Cosmetics REPAIR Editor's Roundtable, Soundboard Crown Sticks TOOLS & EQUIPMENT Tools, Stringing the Back REBUILDING Behold The Upright, Success or . . . Success TECHNICIANS The Tuner's Life, Tips & Techniques, Touch-Up Tuning Revisited TUNING, Tuning The Octave TUNING, What's In a Name? TUNING

October 1996

CD# 4

Articles

TITLE	AUTHOR
A Look Back at Dearborn	Neie, Gary
Ant Philosophy 101	Valley, Don
Behold the Upright-The Finish Line	Russell, Bob
BRM a Must Read	Boone, Barbara
Dear PTG Members	Eschete, Ken
Grand Action "Pitch Raise"	Bullock, Bob
History of the Piano-Part I	Juhn, Ernie
Klaatu Barada Nickto	Sadigursky, Isaac
Offset Needle-Nose Pliers	Hershberger,Doug et al
Protecting Your Chemicals	Kunsky,Laura;Harvey,Jim et al
Protecting Your Chemicals	McGavern,Keith;Burton,Ken et al
Protecting Your Chemicals	Sturm, Fred
Response to Darrell Fandrich	Sampson, William
Studley Tool Chest Makes Smithsonian	Ireland, David
Tales of William Braid White	Rhodes, Doug
The Ethics of Broken Strings	Severance, David
Tool Cases for Piano Technicians	Brady, Steve
Tools 'R' Us	Brady, Steve
Torch That Heat Gun!	Dempsey,Paul;Rush,Tom et al
Troubleshooting Buzzes	Florence,Rick;Beach,Laurence et
Troubleshooting Buzzes	Foote,Ed;Hershberger,Doug et al
Troubleshooting Buzzes	McGavern,Keith;Dover,Danny et
Troubleshooting Buzzes	Musselwhite,John et al
Troubleshooting Buzzes	Thile,Scott et al
Tune the Piano to the Organ	Dickerson, Matt

KEYWORDS:

A Look Back at Dearborn PIANO TECHNICIANS GUILD, Ant Philosophy 101 BUSINESS PTG Review, Behold the Upright-The Finish Line REBUILDING, BRM a Must Read BUSINESS, Dear PTG Members PIANO TECHNICIANS GUILD Letters, Grand Action "Pitch Raise" REGULATING, History of the Piano-Part I HUMOR Grand Illusions, Klaatu Barada Nickto TOOLS & EQUIPMENT Tools, Offset Needle-Nose Pliers TOOLS & EQUIPMENT Tools, Protecting Your Chemicals ADHESIVES Q&A, Response to Darrell Fandrich HUMIDITY Letters, Studley Tool Chest Makes Smithsonian TOOLS & EQUIPMENT, Tales of William Braid White TECHNICIANS, The Ethics of Broken Strings BUSINESS Letters, Tips & Techniques, Tool Cases for Piano Technicians TOOLS & EQUIPMENT, tools, Torch That Heat Gun! TOOLS & EQUIPMENT Tools, Troubleshooting Buzzes NOISES Q&A, Tune the Piano to the Organ TUNING Tools

November 1996

CD# 4

Articles

TITLE	AUTHOR
"Voicing" Vertical Dampers	Shiflet, Ron
1997 PTG Tour of Switzerland, Italy and Greece	Hilbert, Ed
All About Lead	Simon, Bill
Close Encounters of the Salad Master Kind	Ballard, Bill
Full-Service Approach	Brady, Steve
Grand Piano Pedal Problems	Brady, Steve
History of the Piano-Part II of Part I	Bullok, Bob
How to Change for Out-of-Town Work?	DeRocher, Jim and Ball, Charles
Industry News	
Industry News	
Installing New Grand Dampers & Wires	Coleman, James W.
Looking For Perfect Pitch	
My Shop Hoist	Fisher, Larry
Optimized Aural/Electronic Tuning	Vieland, Leon
Piano Tuning, Pets & Composure	Jenson, David
Politics and the Piano Technicians Guild	Speir, Leon
Selling the Work We Love	Ballard, Bill
Spells - Finding Ways To Make A Difference	Goldsmith, Larry
The Precise Blob	Trivelas, Chris
The Saga Continues . . .	Sturm, Fred
The Tooth Fairy	Kunsky, Laura
Using PTG Marketing Tools	Brooks, Vivian et al
Using PTG Marketing Tools	Paluck,Gerry;Genck,Bruce et al
Weldbond Glue	Swafford, Kent

KEYWORDS:

"Voicing" Vertical Dampers PARTS, 1997 PTG Tour of Switzerland, ACTION Q&A, ACTION Tips, All About Lead MATERIALS Q&A, Close Encounters of the Salad Master Kind TUNING Tips, full service approach, Grand Piano Pedal Problems NOISES Editor's Roundtable, History of the Piano-Part II of Part I HUMOR Grand Illusions, How to Change for Out-of-Town Work? BUSINESS Q&A, Industry News PIANO INDUSTRY PTG Review, Industry News PIANO MANUFACTURERS PTG Review, Installing New Grand Dampers & Wires PARTS, Italy and Greece INTERNATIONAL, Looking For Perfect Pitch TUNING PTG Review, My Shop Hoist TOOLS & EQUIPMENT Tips, Optimized Aural/Electronic Tuning, Pets & Composure HUMOR The Tuner's Life, Piano Tuning, Politics and the Piano Technicians Guild PIANO TECHNICIANS GUILD President's Message, Selling the Work We Love BUSINESS, Spells - Finding Ways To Make A Difference INDUSTRY Review, The Precise Blob TUNING, The Saga Continues . . . HUMIDITY Letters, The Tooth Fairy REVIEWS PTG Review, Tools & Techniques, Using PTG Marketing Tools BUSINESS Tips, Weldbond Glue ADHESIVES Tips

December 1996

CD# 4

Articles

TITLE	AUTHOR
Action Power-Part II Improving Piano Action & Efficiency & Power	Fandrich, Delwin
An Essay on the History of Tuning-Part I	Becker, Skip
Bechstein Pinblocks - "Not for Everybody"	Hohf, Bob
Beethoven Vs. The Dinosaurs!	McKay, Doug
Darrell Fandrich Responds to Fred Sturm	Fandrich, Darrell
Easy-on-the-Back Piano Moving	Hubka, Gerry; Shiflet, Ron
Helping Chapters Help Themselves	Fippin, Kim
I Give Full Service	Mehaffey, Joe
In Bankruptcy, Mason & Hamlin In Pitched Legal Battle	Staff
Industry News	
Magnet Dish	Sadigursky, Isaac
Marketing Options	Santo, Lee
NPF Launches School Music Program	
On A Roll To Orlando-July 23-27, 1997	
Partial Restringing	Foote, Ed; McNeil, Tom
Removing Grand Backchecks	Brady, Steve
Repair for Broke, Oversized Agraffe	Reeder, James
Replacing Let-off Buttons	Hunt, Newton
Schwander-type Hammer Butts	Brady, Steve
Sniffing Out the Solution	Gable, Roger
So, Ya Wanna Be a Writer	Brady, Steve
Steinway Income Up	
The Mini-Techs are Back!	Anderson, Bob
Vintage Water	Sosnick, Murray
Watch Out For Those Elbows!	Ellis, Jim

KEYWORDS:

1997, ACTION Editor's Roundtable, Action Power-Part II Improving Piano Action & Efficiency & Power REGULATING The Designer's Notebook, ACTION Q&A, An Essay on the History of Tuning-Part I HISTORY, Bechstein Pinblocks - "Not for Everybody" MANUFACTURERS, Beethoven Vs. The Dinosaurs! HUMOR Grand Illusions, Darrell Fandrich Responds to Fred Sturm HUMIDITY Letters, Easy-on-the-Back Piano Moving HEALTH & SAFETY Q&A, Helping Chapters Help Themselves PIANO TECHNICIANS GUILD Chapter Services News, I Give Full Service HUMOR Grand Illusions, In Bankruptcy, Industry News MANUFACTURERS PTG Review, Magnet Dish TOOLS & EQUIPMENT Tools, Marketing Options BUSINESS Economic Affairs Committee, Mason & Hamlin In Pitched Legal Battle INDUSTRY News, NPF Launches School Music Program PIANO INDUSTRY News, On A Roll To Orlando-July 23-27, OTHER Q&A, Oversized Agraffe REPAIR Tools, Partial Restringing PARTS, Removing Grand Backchecks PARTS ACTION Tools, Repair for Broke, Replacing Let-off Buttons PARTS, Schwander-type Hammer Butts PARTS, Sniffing Out the Solution REPAIRS Tools, Steinway Income Up MANUFACTURERS Industry News, The Mini-Techs are Back! PIANO TECHNICIANS GUILD PTG Review, Tips & Techniques, Tips Techniques, Vintage Water HUMOR Grand Illusions, Watch Out For Those Elbows! HEALTH & SAFETY The Tuner's Life, writing for the Journal how to prepare suggestions

January 1997

CD# 4

Articles

TITLE	AUTHOR
An Ethical Analysis	Churchill, Ken
Aural and Visual Tuning Techniques	Coleman, James W. Smith, Virgil
Comegen Termites & Pianos	Treuhaft, Benjamin
Grinders/Sharpeners	Bordeleau, Ed; Hunt, Newton
Hands-On Got You Tight Around The Collar?	Ragusa, John
Leakproof Oiler	Willanger, Susan
Look for Opportunities	Neie, Gary
Mystery Ringing	Day, Chris
On Tuning The A3-A4 Octave	Tremper, Fred W.
Punching Tool	Fisher, Larry
Reyburn CyberTuner - Innovations in Visual Tuning	Swafford, Kent
The Great Chicago Tune-Off	Brady, Steve
Tuning Hammers	Severance, David
Tuning the m3-M6 Octave	Day, Chris
Two New Books about the Steinway: A Comparative Review	Johnson, Wade
Whacky Hammers	Coleman, James W. et al
Whacky Hammers	Poulson,Pat;Davis,Bob et al
Your Friend, the Unison	Ballard, Bill

KEYWORDS:

An Ethical Analysis Letters, Aural and Visual Tuning Techniques, Comegen Termites & Pianos Q&A, Grinders/Sharpeners Q&A, Hands-On Got You Tight Around The Collar? PTG Review, Leakproof Oiler TT&T, Look for Opportunities Economic News & Views, Mystery Ringing TT&T, On Tuning The A3-A4 Octave, Punching Tool TT&T, Reyburn CyberTuner - Innovations in Visual Tuning, The Great Chicago Tune-Off, the Unison, Tuning Hammers, Tuning the m3-M6 Octave TT&T, Two New Books about the Steinway: A Comparative Review Book Review, Whacky Hammers Q&A, Your Friend

February 1997

CD# 4

Articles

TITLE	AUTHOR
A Simple Shop Hoist	Kiddell, Rob
An Essay on the History of Tuning-Part II	Becker, Skip
Baldwin Announces Personnel Changes	Staff
Bechstein Pinblocks-Part II	Hohf, Bob
ETS Prepared to Serve	Bittner, Richard
Finessing Pianists & Their Instruments	Burkhalter, Nancy
Handling the Large Pitch Raise	Bruce,Gary, Piesik,John et al
Handling the Large Pitch Raise	Coleman, James W., Torrella,Ron
Handling the Large Pitch Raise	Rappaport,Joel;Blees,Willem et
Handling the Large Pitch Raise	Todd,Avery;Page,Jon et al
In Pursuit Of Perfection: A Chronicle of the Piano's Most Illustrious Builder	Ball, Charles
Installation of Humidity Control Systems	Mair, Bob
Non-Slip Screwdrivers	Brady, Steve
Nylon Pedal Mounts	Porritt, David
Prepping Verticals For Fun & Profit-Part I	Juhn, Ernie
Replacing a Missing Bass String	Marten, Linda
Schedule to Build Your Business	Neie, Gary
The Financial Point of View	Trivelas, Chris
The Piano's Contribution to Civilization-Part I	Bullok, Bob
Two Cool Tools	Piesik, John
WonderWand to be Sold by Co-Inventor	Staff

KEYWORDS:

A Simple Shop Hoist, An Essay on the History of Tuning-Part II, Baldwin Announces Personnel Changes Industry News, Bechstein Pinblocks-Part II, ETS Prepared to Serve EXAMS Examinations, Finessing Pianists & Their Instruments The Tuner's Life, Handling the Large Pitch Raise Q&A, In Pursuit Of Perfection: A Chronicle of the Piano's Most Illustrious Builder Book Review, Installation of Humidity Control Systems Q&A, Non-Slip Screwdrivers TT&T, Nylon Pedal Mounts Q&A, Prepping Verticals For Fun & Profit-Part I, Replacing a Missing Bass String TT&T, Schedule to Build Your Business Economic News & Views, The Financial Point of View, The Piano's Contribution to Civilization-Part I Grand Illusions, Two Cool Tools TT&T, WonderWand to be Sold by Co-Inventor Industry News

March 1997

CD# 4

Articles

TITLE	AUTHOR
"Babying" the Glue	Shiflet, Ron
An Essay on the History of Tuning-Part III	Becker, Skip
Bechstein Pinblocks-Part III	Hohf, Bob
Billing Flanges	Greeley, Horace
Business Card Tricks	Bartnik, Bob
Darrell Fandrich Responds	Fandrich, Darrell
Dust-Free Spraying	Bartnik, Bob
E-Mail-The Great Equalizer	Springer, Bill
Ethics, Expectations & Marketing	Bowman, Keith
Let My Hammer Go!	Barasa,Barb;Rose,Don et al
Let My Hammer Go!	Bittner,Richard;Maxim et al
Let My Hammer Go!	Elving,John;Hunt,Newton et al
Let My Hammer Go!	Hickey,Jeff;Blees,Willem et al
Let My Hammer Go!	Kiddel, Rob et al
PianoNet Website Provides Musicians with an Online Information Center	Staff
Prepping Vertical Pianos for Fun and Profit-Part 2	Juhn, Ernie
Removing & Replacing Keyframe Pins	Scoles,Fred;Gilreath,Allan et
Removing & Replacing Keyframe Pins	Seay,Tom;Hunt,Newton et al
Ringing Up Long-Distance Savings	Neie, Gary
Roll Over, Cristofori	Brady, Steve
Roll Over, Cristofori	Brady, Steve
So You Want To Be A (Woman) Piano Tuner	Burkhalter, Nancy
Still More on Tuning Instability Due to Humidity Change	Churchill, Ken
The Piano's Contribution to Civilization-Part II	Bullok, Bob
Wedge That Prop!	Fippin, Kim
Working With Keys	Hunt, Newton

KEYWORDS:

"Babying" the Glue TT&T, An Essay on the History of Tuning-Part III, Bechstein Pinblocks-Part III, Billing Flanges Q&A, book review, Business Card Tricks TT&T, by Steward Pollens, Cambridge University Press. London: 1995 297 pages, Cristofori Book Review, Darrell Fandrich Responds Letters, Dust-Free Spraying TT&T, E-Mail-The Great Equalizer, Ethics, Expectations & Marketing Ourselves, Let My Hammer Go! Q&A, PianoNet Website Provides Musicians with an Online Information Center Industry News, Prepping Vertical Pianos for Fun and Profit-Part 2, Removing & Replacing Keyframe Pins Q&A, Ringing Up Long-Distance Savings Economic News & Views, Roll Over, So You Want To Be A (Woman) Piano Tuner The Tuner's Life, Still More on Tuning Instability Due to Humidity Change Letters, The Early Pianoforte, The Piano's Contribution to Civilization-Part II Grand Illusions, Wedge That Prop! TT&T, Working With Keys

April 1997

CD# 4

Articles

TITLE	AUTHOR
A Humid Recital Stirs Bangkok	Smith, Virgil E.
Aural Tuning Checks	Kiddell, Rob
Baldwin Leather Replacement	Schmitt, James
Can We Survive?	Patten, Tom
Good Reasons To Read	Cashion, Jack
Key Bushing Tester	Scoles, Frederick
More on Removing & Replacing Key Pins	
Music Beats Computers at Enhancing Early Childhood Development	
Pedal Bracket Blues	Fisher, Warren
Quick Let-Off Tricks	Coleman, Sr., Jim
SAT Note Switch Tip	Beaton, Dick
Strings Cannot be Tuned	Ilvedson, D; Shiflet, Ron et al
Strings Cannot be Tuned	Poulson, Patrick et al
Strings Cannot be Tuned	Scoles, F; Todd, A; Ritchie, M
The Piano in America, 1890-1940	Brady, Steve
Tuning In Tonga	Appleton, Jon
Tuning Pins in New Pianos	Coleman, J; Nossaman, Ron et al
Tuning Pins in New Pianos	Hunt, Newton et al
Upright Sostenuto Regulation	De Tar, Brian
Varying The Stretch-Part I	Coleman, Sr., Jim

KEYWORDS:

1890-1940 by Craig H. Roell. University of North Caroline Press, 1989. 396 pages, 31 pages black and white photos \$16.95, A Humid Recital Stirs Bangkok HUMOR Grand Illusions, Aural Tuning Checks TUNING, Baldwin Leather Replacement RESTORATION, Can We Survive? P INDUSTRY Trade Relations, Chapel Hill, Good Reasons To Read REVIEWS, Key Bushing Tester TOOLS TT&T, More on Removing & Replacing Key Pins RESTORATION TT&T, Music Beats Computers at Enhancing Early Childhood Development MISC., Pedal Bracket Blues PartsOther Q&A, Quick Let-Off Tricks REGULATING TT&T, SAT Note Switch Tip TOOLS/EQUIP TT&T, Strings Cannot be Tuned TUNING Q&A, THE PIANO IN AMERICA, Tuning In Tonga P TECHS The Tuner's Life, Tuning Pins in New Pianos PartsOther Q&A, Tuning Pins in New Pianos Q&A, Upright Sostenuto Regulation REGULATING, Varying The Stretch-Part I TUNING

May 1997

CD# 4

Articles

TITLE	AUTHOR
"Pitch Creep"	Greene, Terry
"Some Old Guy"	Greeley, Horace
Altering The Stretch-Part II	Coleman, Sr., Jim
An Essay on the History of Tuning: Part IV	Becker, Skip
Bringing the Mountain to Mohammed	Cashion, Jack
Clarification & Correction	Rosen, Howard
Fred Tremper Responds	Tremper, Fred
Health Crisis Averted	Ballard, Bill
In Response to Leon Vieland, Ph.D..	Fandrich, Darrel
Lacquering Soft Hammers	Simmons, Ted
Mysterious Action Problem	Coleman, J; Hershberger, Doug
Mysterious Action Problem	Mannino, Don; Hunt, Newton et a
Mysterious Action Problem	Maxim, B; Graham, M; Porritt, D
Mysterious Action Problem	Seay, T; Page, J; Mrykalo, V
Of Mice and Men and Pianos: A Look at the Hantavirus in Relation to Piano Technicians	Cantrell, Norman
Squeaking Knuckles	Schell, Steve; Bittner, Richard
Squeaking Knuckles	Schmidt, Arnold, Sturm, Fred
Stretcher Protection	Brady, Steve
The Davies Key Striker	Davies, Clair
The Effect of Bridge Movement on Tuning Stability	Vieland, Leon
The Measure of Music	Brady, Steve
The New York City Tool Kit	Levitan, D; New York City Chapt
Time is Now for Retirement Investing	Neie, Gary

KEYWORDS:

"Pitch Creep" HUMOR Grand Illusions, "Some Old Guy" P TECHS The Tuner's Life, 1995., Altering The Stretch-Part II TUNING, An Essay on the History of Tuning: Part IV TUNING, Bringing the Mountain to Mohammed VOICING TT&T, Clarification & Correction TUNING Letters, Fred Tremper Responds TUNING Letters, Health Crisis Averted HUMOR Grand Illusions, In Response to Leon Vieland, Lacquering Soft Hammers VOICING TT&T, Measure for Music: A Musical History of Science by Thomas Levenson. Touchstone, Mysterious Action Problem REGULATING Q&A, New York, Of Mice and Men and Pianos: A Look at the Hantavirus in Relation to Piano Technicians VERMIN, Ph.D.. HUMIDITY Letters, Squeaking Knuckles Q&A, Stretcher Protection SHOP TT&T, The Davies Key Striker TOOLS TT&T, The Effect of Bridge Movement on Tuning Stability HUMIDITY, The New York City Tool Kit TOOLS, Time is Now for Retirement Investing BUSINESS Economic Affairs Com

June 1997

CD# 4

Articles

TITLE	AUTHOR
Adjustable Key Bushing Clamp	Elmer, Francis
Avoid Clogged Aerosol Nozzles	Jeschke, Al
Books for Dummies Just the Beginning	Neie, Gary
Child Development and the Important Role of Music Making	Linkin, Larry
Ethics, The Law, & Piano Technicians	Brady, Mark
Fitting Hammers to Strings	Gregg, Chris
Masochistic Music Inc.(or Accounting for Tuners & Other Dummies)	Bryant, Jim
Measuring for Coils	Elmer, Francis
More Than Furniture	Coleman, Jr., Jim
Mysterious Action Problem	Barasa, B; Carter, G; Cole, Tom
Mysterious Action Problem	Foote, Ed; Page, Jon; Hunt, N
Mysterious Action Problem	McGavern, K; Farinella, Charles
Mysterious Action Problem	Sanderson, D; Poulson, P
Piano Technicians Insurance Program	Kiser, Jerry, CIC
Planning for the Future	Brady, Steve
Regarding Bob Hohf's Bechstein Series	Albers, Norm
The Business of Tuning-Part I	Brady, Steve
Trademark Owners' Legal Interests in Rebuilt Musical Instruments	Miller, Charles, JD
Using The Telephone	Burton, Ken

KEYWORDS:

& Piano Technicians BUSINESS, Adjustable Key Bushing Clamp REPAIRS TT&T, Avoid Clogged Aerosol Nozzles SHOP TT&T, Books for Dummies Just the Beginning BUSINESS Economic News & View, Child Development and the Important Role of Music Making MISC. Letters, Ethics, Fitting Hammers to Strings VOICING TT&T, Masochistic Music Inc.(or Accounting for Tuners & Other Dummies) BUSINESS, Measuring for Coils TOOLS TT&T, More Than Furniture PTG, Mysterious Action Problem ACTIONS Q&A, Piano Technicians Insurance Program INSURANCE, Planning for the Future, Regarding Bob Hohf's Bechstein Series DESIGN Letters, The Business of Tuning-Part I BUSINESS Editor's Roundtable, The Law, Trademark Owners' Legal Interests in Rebuilt Musical Instruments BUSINESS, Using The Telephone BUSINESS

July 1997

CD# 4

Articles

TITLE	AUTHOR
A Curiously Recurring Click	Coleman, Sr., Jim
Altering the Stretch-Part III	Becker, Skip
An Essay on the History of Tuning-Part V	Sambell, Ted
Grand Hammershank Trimming Block	Churchill, Ken
Handle for Pulling Grand Actions	Brady, Steve
In Tune With Life	Beaton, Dick; McGavern, Keith
Jumping Tuning Pins	Nichols, Guy; Jeschke, Al
Jumping Tuning Pins	Staff
MTNA Elects New Officers	
Nashville Chapter Rebuilds Garth's Piano	
Plastic Elbow Removal	Soule, Robert
Quick Fix for Non-Checking Grand Hammers	Juhn, Ernie
Replacing Bass String Sets	Ilvedsen, D; Cole, T; Todd, A
Replacing Bass String Sets	Smith, Les; Hunt, Newton et al
Stripped Plate Bolts	Musselwhite, J; Mrykalo, Vince
Telling All About Liszt	Brown, Richard M.
The Business of Tuning-Part II	Brady, Steve
The Designer's Notebook: The Problem of Small Pianos-Part I	Fandrich, Delwin
The Easy Way to Ease Keys	Brady, Steve

KEYWORDS:

1997 140 pages, A Curiously Recurring Click HUMOR Grand Illusions, Altering the Stretch-Part III TUNING, An Essay on the History of Tuning-Part V TUNING, by Denele Pitts Campbell Sarasota, FL: Pineapple Press, Grand Hammershank Trimming Block TOOLS/EQUIP, Handle for Pulling Grand Actions TOOLS/EQUIP TT&T, Jumping Tuning Pins TUNING Q&A, MTNA Elects New Officers P INDUSTRY News, Nashville Chapter Rebuilds Garth's Piano PTG, Notes of a Piano Tuner, Plastic Elbow Removal TOOLS/EQUIP TT&T, Quick Fix for Non-Checking Grand Hammers REGULATING TT&T, Replacing Bass String Sets REBUILDING Q&A, Stripped Plate Bolts REPAIR Q&A, Telling All About Liszt REVIEWS, The Business of Tuning-Part II BUSINESS Editor's Roundtable, The Designer's Notebook: The Problem of Small Pianos-Part I DESIGN The Designers, The Easy Way to Ease Keys TOOLS/EQUIP TT&T

August 1997

CD# 4

Articles

TITLE	AUTHOR
"Farming Out" to Build Business	Neie, Gary
A 30-Ton Pneumatic Soundboard Press-Part I	Davies, Clair
An Essay on the History of Tuning-Part VI	Becker, Skip
Becker Correction	Logan, St. Clair
Bridle Strap Replacement	Kiddell, Rob
Chickering Grand Dampers	Edwardsen, Rob; Ballard, Bill
Chickering Grand Dampers	Smith, Les; Barrett, Norman
Chickering Grand Dampers	Stanwood, David et al
Clarifying Working With Keys	Raichle, Gretchen
Equal Temperament by Pure 5ths	Coleman, Sr., Jim
First Response to Jim Coleman's Article (Equal Temperaments by 5ths)	Brady, Steve
Hash & Rehash	Brady, Steve
Improved SAT Light Pattern in Fifth Octave	Hunt, Newton
Lifetime Sandpaper?	Bartnik, Bob
More on Tool-kit Minimalism	Houghtelin, Paul
Protect That Rim!	Vanderlip, David
Tightening Plate Screws	Reyburn, D; Kunsky, L; Hunt, N
To Step In It	Beigel, Carol

KEYWORDS:

"Farming Out" to Build Business Economic News & View, A 30-Ton Pneumatic Soundboard Press TOOLS/EQUIP, An Essay on the History of Tuning-Part VI TUNING, Becker Correction TUNING Letters, Bridle Strap Replacement REBUILDING, Chickering Grand Dampers Q&A, Clarifying Working With Keys TOOLS/EQUIP Letters, Equal Temperament by Pure 5ths TUNING, First Response to Jim Coleman's Article (Equal Temperaments by 5ths) TUNING Editor's Roundtable, Hash & Rehash, Improved SAT Light Pattern in Fifth Octave ELECTRONICS TT&T, Lifetime Sandpaper? TOOLS/EQUIP TT&T, More on Tool-kit Minimalism TOOLS/EQUIP TT&T, Protect That Rim! SHOP TT&T, Tightening Plate Screws SERVICE Q&A, To Step In It P TECHS The Tuner's Life

September 1997

CD# 4

Articles

TITLE	AUTHOR
A Handy Homemade Voicing Tool	Staples, Mitch
A Worthwhile Textbook	Brady, Steve
Bechstein Pinblocks	Hohf, Bob
Celebrate September National Piano Month	Smithsonian Institution, DMH
Clipboard as Workstation	Bartnik, Bob
Double-Sided Tape	Sadigursky, Isaac
Essentials of Advertising	Neie, Gary A.
From Glide to Punch	Fellows, Bruce
Key "Flop" in Small Verticals	Davis, Bob; Hickey, Jeffrey
Key "Flop" in Small Verticals	Heaton, B; Maxim, B; Schell, S
My "Mr. Davis"	Fritz, Leroy
Popular Piano Technology-Downbearing & Crown	Juhn, Ernie
Presidential Citations	Hawkins, Marshall B.
Q&A Special	Fandrich, Delwin D.
Strictly Thirds Temperament	Coleman, Sr., Jim
Stripped Screwholes in Steinway Hammer Flange Rails	Ball, Charles; Hickey, Jeffrey
Stripped Screwholes in Steinway Hammer Flange Rails	Davis, Bob et al
Stripped Screwholes in Steinway Hammer Flange Rails	Musselwhite, John; Treuhaft, Ben
The Davies 30-Ton Pneumatic Soundboard Press-Part II	Davies, Clair
The Technicians Guide to Grand Hammer Installation	Hartman, John
To the Members of PTG	Drasche, Fred & Mimi

KEYWORDS:

1995, 285 pages, 3rd Edition, A Handy Homemade Voicing Tool VOICING TT&T, Bechstein Pinblocks REBUILDING Letters, by Ronald Gearman, Celebrate September National Piano Month P INDUSTRY PTG Review, Clipboard as Workstation TOOLS/EQUIP TT&T, Double-Sided Tape TOOLS/EQUIP TT&T, Ed.D. Gainesville, Essentials of Advertising BUSINESS Economic News & View, FL Bemidji Piano Service, From Glide to Punch TOOLS/EQUIP TT&T, Key "Flop" in Small Verticals REPAIRS Q&A, My "Mr. Davis" P TECHS The Tuner's Life, Piano Tuning, Popular Piano Technology-Downbearing & Crown SERVICE, Presidential Citations PTG Letters, Q&A Special MATERIALS, Regulating and Repairing, Strictly Thirds Temperament TUNING, Stripped Screwholes in Steinway Hammer Flange Rails REPAIR Q&A, The Davies 30-Ton Pneumatic Soundboard Press-Part II REBUILDING, The Technicians Guide to Grand Hammer Installation REBUILDING, To the Members of PTG Letters

October 1997

CD# 4

Articles

TITLE	AUTHOR
A Golden Letter of Thanks	Cunningham, Jess
A Hands-On Hand for Applied Skills Session	Eriksen, Dave
A Visual Aural Temperament	Leshner, C.W.
Curved Hammer Files	Brady, Steve
Davies Pneumatic Soundboard Press-Part III	Davies, Clair
In Appreciation	Reinhardt, Zen
Instant Attraction	Kline, Susan
Is Your Business Running You?	Neie, Gary
New Products from LOCTITE	Brady, Steve
Popular Piano Technology-Part II; The Secret Word is "Voicing"	Juhn, Ernie
Quick Measure for Cutting Strings	Gentile, Carman
The All-Purpose Temperament	Coleman, Sr., Jim
Tightening Plate Screws & Bolts: Are We Overdoing It?	Fandrich, Del
Tune-off Redux	Brady, Steve
Tuning Low Bass with SAT	Porritt, D; Hunt, N; Fisher, W
Tuning Low Bass with SAT	Simmons, T; Scott, R; Davis, B
Tuning Low Bass with SAT	Swafford, Kent; Hallett, Dan Jr
Uneven Damper Lift in Verticals	McGavern, K; Ilvedsen, David
Uneven Damper Lift in Verticals	Todd, A;Nossaman, R; Greeley, H

KEYWORDS:

A Golden Letter of Thanks PTG Letters, A Hands-On Hand for Applied Skills Session PTG Letters, A Visual Aural Temperament TUNING, Curved Hammer Files VOICING TT&T, Davies Pneumatic Soundboard Press-Part III REBUILDING, In Appreciation PTG Letters, Instant Attraction ADHESIVES World-Class Junk, Is Your Business Running You? BUSINESS Economic News & View, New Products from LOCTITE ADHESIVES TT&T, Popular Piano Technology-Part II; The Secret Word is "Voicing" VOICING, Quick Measure for Cutting Strings REBUILDING TT&T, Sr. Virgil Smith aural tuning vs. electronic, The All-Purpose Temperament TUNING, Tightening Plate Screws & Bolts: Are We Overdoing It? SERVICE Q&A, tune-off rematch Orlando Convention Jim Coleman, Tuning Low Bass with SAT TUNING Q&A, Uneven Damper Lift in Verticals REGULATING Q&A

November 1997

CD# 4

Articles

TITLE	AUTHOR
Bench Marks (How To Avoid Them)	Kline, Susan
Dampp-Chaser Marketing Programs Expanded with New Manager	Staff
Economic Freedom . . The Day You Go To Work Because You	Kim, Beverly
Want To-Not Because You Have To	
Have You Seen This Glue?	Gentile, Carman
In An Emergency Don't Break The Glass	Kurk, Dennis
Kids & Pianos	Sullivan, Anita T.
Movable Platform For Vertical Piano	Hickey, Jeffrey
Popular Piano Technology-Cracked Pianos	Juhn, Ernie
Selling The Pitch Raise	Fisher, Warren
String Leveling By Ear	Davies, Clair
Three Perspectives-On Jim Coleman's "Equal Temperament by	Bremmer, B; Smith, V;Levitan, D
Pure 5ths"	
Tuning With a British Accent	Brady, Steve
Two Tips for Installing "Quick" Repair Parts	Elmer, Francis

KEYWORDS:

1996, and Their Problems, Bench Marks (How To Avoid Them) SERVICE World-Class Junk, book review of Pianos, by George W. Booth. London: Janus Publishing Co., Dampp-Chaser Marketing Programs Expanded with New Manager HUMIDITY Industry News, Economic Freedom . . The Day You Go To Work Because You Want To-Not Because You Have To BUSINESS, Have You Seen This Glue? ADHESIVES Letters, In An Emergency Don't Break The Glass SERVICE TT&T, Kids & Pianos P TECHS The Tuner's Life, Movable Platform For Vertical Piano MISC. TT&T, Piano Tuners, Popular Piano Technology-Cracked Pianos REPAIR, Selling The Pitch Raise BUSINESS TT&T, String Leveling By Ear VOICING, Three Perspectives-On Jim Coleman's "Equal Temperament by Pure 5ths" TUNING, Two Tips for Installing "Quick" Repair Parts REPAIR TT&T

December 1997

CD# 4

Articles

TITLE	AUTHOR
An Aural Method for Half-Step Pitch Raises	Churchill, Ken
An Essay on the History of Tuning-Part VII	Becker, Skip
Bridle Strap Function	Ellis, Jim
Broken Plate	Ilvedson, David; Deligdisch, G
Broken Plate	Moore, D; Fandrich, D;Graham, D
Broken Plate	Reinhardt, Zen et al
Broken Plate	Scherer, Wally; Maxim, Bill
Buzzing Fallboard	Fandrich, Del
Clean Keys & Other Attitude-Changers	Kline, Susan
Didn't Think Plan Through	Krauss, Peter
How Long Does a Piano Last	Sullivan, Anita
How to Buy a Piano	Brady, Steve
In The Trenches	Root, Carl D.
Piano Too Loud? Foam It!	Fisher, Larry
Quick Tool For Vertical Action Work	
Repair for Loose Jack Flange Joint	Hunt, Newton; Schlipf, Bill
Soundboard Damage. A Guide to Soundboard Cracks & Other	Fandrich, Delwin
Maladies-Part I	
The Tautline Grand Regulation Guide	Brady, Steve

KEYWORDS:

1994, a videotape by D.L. Novak. Seattle: Lou Visions, An Aural Method for Half-Step Pitch Raises TUNING, An Essay on the History of Tuning-Part VII TUNING, Bridle Strap Function, Broken Plate REPAIR Q&A, Buzzing Fallboard REPAIR Q&A, Clean Keys & Other Attitude-Changers SERVICE World-Class Junk, Didn't Think Plan Through INTERNATNL Letters, How Long Does a Piano Last P TECHS The Tuner's Life, In The Trenches BUSINESS Economic News & View, Piano Too Loud? Foam It! VOICING TT&T, Quick Tool For Vertical Action Work TOOLS/EQUIP TT&T, Repair for Loose Jack Flange Joint REPAIR Q&A, review of Piano Buyer's Guide, Soundboard Damage. A Guide to Soundboard Cracks & Other Maladies-Part I DESIGN The Designers, The Tautline Grand Regulation Guide REGULATING TT&T

January 1998

CD# 4

Articles

TITLE	AUTHOR
A Visit to Finchcocks	Brady, Steve
An Intermittent Tightness at the Front Pin	Levitan, Daniel
Baldwin Spinet Grommets	Jolly, Roger; Seay, Tom
Broken Action Bracket	Davis, Bob et al
Broken Action Bracket	Reinhardt, Zen; Fandrich, Del
Get A Grip!	Farrar, Dave
Hail to the Handy Wipe!	Beigel, Carol
Key Bushing Knife	Sutton, Ed
Minimum Charge	Bryant, J;Fandrich, D;Fisher, W
Minimum Charge	Kiddell, Rob; Cole, Tom
My Everyday F to F Bearing Plan	Ressler, Daniel
PTG - Why?	Coleman, Sr., Jim
Replace the Whole Rail	Light, Jon
Replacing Steinway Double Flanges	Spiel, Curtis
Soundboard Damage-A Guide To Soundboard Cracks & Other	Fandrich, Delwin
Maladies-Part II	
The Listening Art	Sullivan, Anita T.
The Self-Reliant Owner	Kline, Susan
Tuning Low Bass with SAT	Drago, James

KEYWORDS:

1950. PTG, A Visit to Finchcocks, An Intermittent Tightness at the Front Pin The Puzzler, Baldwin Spinet Grommets Q&A, Broken Action Bracket Q&A, Get A Grip! TT&T, Hail to the Handy Wipe! TT&T, Key Bushing Knife TT&T, Minimum Charge Q&A, My Everyday F to F Bearing Plan, my first piano technicians convention Los Angeles, Replace the Whole Rail TT&T, Replacing Steinway Double Flanges, Soundboard Damage-A Guide To Soundboard Cracks & Other Maladies-Part II The Designers, The Listening Art The Tuner's Life, The Self-Reliant Owner World-Class Junk, Tuning Low Bass with SAT Letters

February 1998

CD# 4

Articles

TITLE	AUTHOR
"Oinking" Dampers	Coleman, Sr, Jim; Foote, Ed
A Special System for Sharpening	Stenstrom, John
An Essay on the History of Tuning-Part VIII	Becker, Skip
Another Take on Equal Temperament by Pure Fifths	Mason, Lucas
Bridge Confessions: Cobbles I Have Done on Pianos of No Commercial Value	Kline, Susan
Credit Cards and Credit Card Checks	Cole, T; Gregg, Chris; Bondi, P
Credit Cards and Credit Card Checks	Cunningham, Mark;Nichols, Guy
Credit Cards and Credit Card Checks	Moore, Danny; Tomlinson, Ed
Credit Cards and Credit Card Checks	Scherer, Wallace et al
Don't Set Customer's Limits	Brown, Ruth
Hammer Flange Bushing Repair	Nelson, Lyn
Inside Out	Sullivan, Anita
M&H Screw Stringers, Wegman Pianos	Myrkalo, Vince; Moore, Danny
M&H Screw Stringers, Wegman Pianos	Page, Jon; Graham, Mark
M&H Screw Stringers, Wegman Pianos	Wethington, Pat; Simon, Bill
Piano Pricing Guides	Brady, Steve
Protecting Vertical Dampers	Tremper, Fred
Soundboard Damage-A Guide to Soundboard Cracks & Other Maladies-Part III	Fandrich, Delwin D.
Thanks from the Heart	Snyder, Willis
The Pneumatic Bridge Press-Part I	Davies, Clair
Three vs. Four	Hong, Yat-Lam

KEYWORDS:

"Oinking" Dampers Q&A, A Special System for Sharpening TT&T, An Essay on the History of Tuning-Part VIII, Ancott Associates. Annual Supplement to The Piano Book, Another Take on Equal Temperament by Pure Fifths Letters, book reviews Music Product Directory-Acoustic Piano Edition, Bridge Confessions: Cobbles I Have Done on Pianos of No Commercial Value World-Class Junk, Brookside Press by Larry Fine, Credit Cards and Credit Card Checks Q&A, Don't Set Customer's Limits Economic News & View, Hammer Flange Bushing Repair TT&T, Inside Out The Tuner's Life, M&H Screw Stringers, Protecting Vertical Dampers TT&T, Soundboard Damage-A Guide to Soundboard Cracks & Other Maladies-Part III The Designers, Thanks from the Heart Letters, The Pneumatic Bridge Press-Part I, Three vs. Four, Wegman Pianos Q&A

March 1998

CD# 4

Articles

TITLE	AUTHOR
Are You Experienced?	Brady, Steve
Bridle Strap Function	Kiddell, Rob
Cleaning Ink Stains From Keytops	Ramsey, Kevin
Fasteners That Don't	Kline, Susan
Grand Hammershank Geometry	Sloane, Ken
How Do The Blind Fit in to PTG?	Mitchell, Don
Installing A Grand Piano Stage Truck-Singlehanded	McKlveen, Ben
Moving Pianos	Coleman, J; David, B;Kinnear, J
Moving Pianos	Fisher, W; Ilvedson, D;Blees, W
Moving Pianos	Moore, D; Fisher, L;Fandrich, D
Piano Humidity Control & Soundboard Moisture Content	Brown, Ruth
Salty-Air Question	Kline, Susan; McCloud, Paul;
Squaring Keys	Juhn, Ernie
Stress Relief	Flanders, David
The Pneumatic Bridge Press - Part II Building the Press Body	Davies, Clair
Thigummy Land	Sullivan, Anita
Tuning to an Organ	Brady, Steve
What Can You Count on from Social Security?	Neie, Gary

KEYWORDS:

book review, Bridle Strap Function Letters, by W.A. Mathieu. Inner Traditions International VT 1997, Cleaning Ink Stains From Keytops TT&T, Fasteners That Don't World-Class Junk, Grand Hammershank Geometry, Harmonic Experience: Tonal Harmony from Its Natural Origins to Its Modern Expression, How Do The Blind Fit in to PTG?, Installing A Grand Piano Stage Truck-Single-handed, Moving Pianos Q&A, Piano Humidity Control & Soundboard Moisture Content, Salty-Air Question Q&A, Squaring Keys TT&T, Stress Relief TT&T, The Pneumatic Bridge Press - Part II Building the Press Body, Thigummy Land The Tuner's Life, Tuning to an Organ TT&T, What Can You Count on from Social Security?

April 1998
CD# 4
Articles

TITLE	AUTHOR
1998 NAMM Show Review Piano Industry News	Brady, Steve
A Pneumatic Bridge Press - Part III Translator Cauls and Duckboards	Davies, Clair
Bend-a-Light	Brady, Steve
Change: The One Constant	Hawkins, Marshall B.
Connecticut-Before or After Convention	Brooks, Vivian
Friday's Super Seven	Smith, Evelyn
Glazebrook at 70	Brady, Steve
Harryman, Arthur	
Hearing Loss & What to Do About It by Charlotte K. Lyman	Lyman, Charlotte K.
Helen Small Named Executive Director of APA American Pianists Association	
How I Dealt With Two Brash Grands (and other rough voicing procedures)	Kline, Susan
Making Leather Button Replacements	Davis, Marcia
Metallic Buzz	Beckingham, Terry; Sadowski, R
Metallic Buzz	Bryant, J; Nossaman, R; Hunt, N
Metallic Buzz	Guerra, E;Jorgensen, M; Todd, A
Metallic Buzz	Martin, Ralph et al
Metallic Buzz	Stuart-Vail, S; Jolly, Roger
Minding The Mentor	Santo, Lee
North Caroline Conference Draws Techs from 22 States	Hallmark, Alan
Professional Hearing Tests, Ear Plugs Available in Providence	Kunsky, Laura
PTG the Foundation Beneficiary	Preuitt, Ernie
Rejuvenating Dead Bass Strings	Hopland, Ray
Sacramento Retailer Hosts Training	
Samick Breaks The Price Barrier	
Snap to It! Oops! The Space Hammer	McKay, Doug
Something For Everyone	Kim, Beverly
Temperament Festival in Providence	Smith, Evelyn
The Future & the Past in Foundation's Sites	Monroe, Christine
The Problem of Small Pianos - Part II The Bass/Tenor Crossover	Fandrich, Delwin
Thomas A. Hames, 1921-1998	Goodwin, Garland O.; Harvey, J
Timing of Dampp-Chaser Installation	Bergantino, Bob; Birch, Jim
Timing of Dampp-Chaser Installation	Masters, M; Cunningham, Steve
Timing of Dampp-Chaser Installation	Pearson, Steve et al
Tuning Technique for Birdcage Pianos	Lensing, Jan R.C.
West, James	
We've Come a Long Way, Baby	Coleman, Sr., Jim
What's Good for Pianos Is Good for Society	Hanzlick, David, CAE
Young Chang & Kurzweil Moving HQ	

KEYWORDS:

1998 NAMM Show Review Piano Industry News, a living legend in the piano business., A Pneumatic Bridge Press - Part III Translator Cauls and Duckboards attaching bridges to soundboards, Bend-a-Light, change, Economic Affairs Committee Jim Swayze, Hearing Loss & What to Do About It by Charlotte K. Lyman, Helen Small Named Executive Director of APA American Pianists Association, How I Dealt With Two Brash Grands (and other rough voicing procedures), Interview of Bob Glazebrook at 70, Making Leather Button Replacements, Metallic Buzz, North Carolina Conference, Passages, Providence Instate Update HEARING TESTS EAR PLUGS DR. JAY SINGER, Providence Institute Update, Providence Institute Update Connecticut, PTG Executive Director report, PTG ideals convention share knowledge committed, PTG the Foundation Beneficiary, Rejuvenating Dead Bass Strings, Samick Indonesian piano factory, Something For Everyone, spinet elbows, The Future & the Past in Foundation's Sites, The Problem of Small Pianos - Part II The Bass/Tenor Crossover, Thomas A. Hames In Memory, Timing of Dampp-Chaser Installation, Tuning Technique for Birdcage Pianos, Yamaha Disklavier special maintenance training session, Young Chang & Kurzweil Moving HQ

May 1998

CD# 4

Articles

TITLE	AUTHOR
A Battle for Peace of Mind	Hawkins, Marshall
A Modest Proposal	Mehaffey, Joe
An Essay on the History of Tuning - Part IX	Becker, Skip
Baldwin Support Key to PTGF Class	Kunsky, Laura
Cleaning Grand Soundboards	Dav, Dick; Moore, Danny
Cleaning Grand Soundboards	Vanderhoofven, David; Goodale, R
Cybercafe, Classes and an Evening on the Net	Smith, Evelyn
Filing Hammers with Sanding Mesh	Brady, Steve
Guideline for Effective Teaching	Grassi, Jeannie
How Much Does a New String Stretch?	Knudtson, Dave
Jack Van Mourik: Tuning in Two Worlds	Sullivan, Anita
Longitudinal Modes In Piano Strings, Results of New Research	Ellis, Jim
Modes of Thought in Unison Tuning	Sutton, Ed
More on the Mason & Hamlin Screw-Stringer	Conover, Les
More On Tuning To Pipe Organs	Ellis, Jim
Noisy Keys	Hunt, Jerry; Kreutzell, Jim
Noisy Keys	Martin, Ralph; Porritt, Dave
Our Man in Concord	Ballard, Bill
Providence Classes on the Internet	Smith, Evelyn
Providence on the Horizon	Johnson, Wade
Providence Through The Eyes Of A Native	Tremper, Phyllis
Suggestions for Tuning Stability	Yonley, Fred
Techniques & Tools for On-Site Service	Probst, Dale
The Business of Being a Piano Technician	Kim, Beverly
The Power of Goals	Barr, David
The Sayings of Russell Sherman	Brady, Steve
Trying to Stay Sort of Safe, Part I	Kline, Susan
Warped Keys	Moody, Richard; Peake, Dave
Warped Keys	Purdy, Chris; Lafargue, Lance

KEYWORDS:

19th century music historical temperaments, air temperature organ tuning, Baldwin's support makes a PTGF class possible in Providence, battle against negative feelings personal morale state of mind peace mental self image good citizenship membership, business and technical skills economic affairs success enjoy work, business time management Institute classes roundtables, Classes and an Evening on the Net Computers at the Providence Institute, Cleaning Grand Soundboards, Convention host chapter notes, Cybercafe, filing hammers sanding mesh, good piano sound depends on the instrument, health safety accidents tetanus shots eye ear protection dust masks allergens orthopedic carpal tunnel syndrome heavy lifting toxics dog bites edged tools, HUMOR, internet web computers Cybercafe, Longitudinal Modes results of new research, noisy keys, people, Providence Through The Eyes Of A Native, REBUILDING Acme Piano Co., Regional & Chapter Technical Instructors, screw-stringer, soundboards cleaning, string stretch, string vibration, technician, Techniques & Tools for On-Site Service, Tips for Annual, tuning, unisons pitch management, venue "Piano Pieces" by Russell Sherman, warped keys

June 1998

CD# 4

Articles

TITLE	AUTHOR
A Good Time Will Be Had By All	Smith, Evelyn
A Survey of Bellymen on Soundboard Building	Hughes, David
Accidental Advertising	Soule, Robert
Adhesives for Plastic Sharps	Moore, Danny;Wilson, Wally
Adhesives for Plastic Sharps	Torres, Greg;Alkana, Joseph
Be a Craftsman! (Or just look like one)	McKay, Doug
Bridge Cracks	Deligdisch, Glen; Simon, Bill
Cover Sends a Message, Too	Gentile, Carman
epoxy repair hairline cracks	Stuart-Vail; Goodale, Robert
Luggage Cart	Brady, Steve
More on Stress Relief in Tuning	Flanders, David
More on Tuning to Pipe Organ	Licht, Ken
Packing Your Bags for Providence	Smith, Evelyn
Piano 300	Hawkins, Marshall
Piano Makes Mice Smarter, Study Shows	McKay, Doug
Pianomaker, Manufacturer Steffen Seiler Dies	staff
Pleased to meet youŌWhere did you get my name?	Root, Carl
Proper Perspective	O'Brian, Mick
PTG Membership Has Its Benefits	staff
The Reyburn CyberTuner	Kiel, Mitch
The Way it Was - A Tuner's Tool Kit from a Century Ago	Brady, Steve
Tools & Methods, Old & New	Brady, Steve
Trigger Point Self-Message for Piano Technicians-Part I	Davies, Clair
TuneLab97 - The PC Alternative	Porritt, David
Tuning Complaints	Burnside, Kent
Tuning Tutoring	Ragusa, John
Using a Cabinet Scraper	Hohf, Bob
You're Invited--Set Sail for Providence	Birch,Jim

KEYWORDS:

Accidental Advertising, Adhesives for Plastic Sharps, Be a Craftsman! (Or just look like one), customer word of mouth referrals, epoxy repair hairline cracks, Journal cover impression, Luggage Cart, Manufacturer Steffen Seiler Dies, More on Tuning to Pipe Organ, Old & New, Piano 300, Piano Makes Mice Smarter, Pianomaker, playing for customers, Providence Convention, PTG Membership Has Its Benefits, Study Shows, The Reyburn CyberTuner, tool kit case from a century ago, Tools & Methods, tools & methods top names in the business installing soundboard rib bridge belly press glue joint, Trigger Point Self-Message for Piano Technicians-Part I, TuneLab97 - The PC Alternative, Tuning Complaints pitch raise causing faster 3rds, tuning stress impact tuning hammer physical therapy Anne Ingarde, Tuning Tutoring, Using a Cabinet Scraper

July 1998
 CD# 4
 Articles

TITLE	AUTHOR
An Alternative Size Keyboard For The World	Steinbuhler, David
Avoid Clogging Soundboard Screw Holes	Bartnik, Bob
Credit Management - A Dark Subject?	Beck, Robert
Driving Tuning Pins With Varnish	Foote, Ed Heaton, Barrie
Driving Tuning Pins With Varnish	Hunt, Jerry Tomlinson, Ed
Driving Tuning Pins With Varnish	Root, Carl Freeman, John
Gang-Filing Hammers	Gregg, Chris
Looking Through the Past	Hawkins, Marshall
More M&H Screw Stringer Tips	Wagner, Lloyd
More on those darned grommets	Cole, Terry
More On Wippen Support Springs	Porritt, David Stanwood, David
Organizational Wizardry	Brady, Steve
Preserving the Past	Kunsky, Laura
Squeaking Pedal With Una Corda	Lee, Eliot Ilvedson, David
Squeaking Pedal With Una Corda	Reinhardt, Zen Hunt, Newton
The Importance of Tight Coils	Burton, Ken
The New SAT III	Coleman, Sr., Jim
The Taming of the Screw	Green, Terry
Trigger Point Self-Message for Piano Technicians-Part II	Davies, Clair
Trying to Stay Sort of Safe, Part II	Kline, Susan
Tuning for an Audience	Sullivan, Anita
Who We Are	Brady, Steve
Why Do You Belong to the Piano Technicians Guild?	Hanzlick, David
Wippen Support Springs	Page, Jon Meyer, Lloyd
Wippen Support Springs	Purdy, Chris Stanwood, David

KEYWORDS:

Avoid Clogging Soundboard Screw Holes, Credit Management - A Dark Subject? Financial debt borrow only when necessary, description in words and pictures of a smaller 42" keyboard for pianists with smaller hands, Do goo things come in small packages? Review of the new model., Driving Tuning Pins With Varnish, Helmholtz Society of America William Braid White tenets values held by founders Travis Crowl NAPT ASPT, importance of tight tuning pin coils Isaac Sadigursky, membership PTG organization types of members, More M&H Screw Stringer Tips, More on those darned grommets, More On Wippen Support Springs, official publication also for non-members for all piano technicians, Organizational Wizardry scheduling PalmPilot address book memo pad mileage log calculator, Preserving the Past donations appreciated and help preserve the history of piano technology for future generations, Squeaking Pedal With Una Corda, take hammers off the action to file them, the pleasures of tuning for an audience, The Taming of the Screw humor, Trigger Point Self-Message for Piano Technicians-Part II, why and how, Wippen Support Springs, Word-Class Junk - Part II more things to watch out for children benches stools lids hinges clocks bric-a-brac clocks mud finishes

August 1998

CD# 4

Articles

TITLE	AUTHOR
An Essay on the History of Tuning - Part X	Becker, Skip
Bending Pins	Bresette-Mills, Jack
Coved Moldings as Aid to Gang-Filing Hammers	Revenko-Jones, Paul
Damper Clunk	Hoffsommer, Conrad Foote, Ed
Damper Thump	Dempsey Blees Nossaman Fox
Do You Know Your BMI, RPT?	Santo, Lee
Dual-Purpose Tool	Bartnik,Bob
Foundation Scholarship Sends Two to Convention	Kunsky, Laura
Planning for the Future	Durbin, David
R-E-S-P-E-C-T	Brady, Steve
Screw Stringer Tuning Tip	Kline, Susan
Servicing The Modern Player Piano	Fisher, Larry
Some Thoughts on the Design of Bass Strings - Part I	Brown, Richard M.
Stiffness in a Shank	Leviton, Dan
Trigger Point Self-Message for Piano Technicians-Part III	Davies, Clair
Tuning Instability	Bartlett Weston Mannino Ballard
Tuning Instability	Blees Porritt Stuart-Vail Hunt
Tuning Instability	Rose Ilvedson Jolly Barrett
Two Views of Spring/Plenty to See & Do	Tremper, Phyliss, Hallmark, Bre
Ulrich Gerhartz - The Quest for Perfection	Brady, Steve
Vertical Piano Touchweight Adjusters	Juhn, Ernie
World-Class Junk	Kline, Susan

KEYWORDS:

APSCO Heavy Duty String Lifter part #16845 as Allen wrench for large hex-head bolts on Asian grand legs and lyres Bruce Winn tip, Bending tuning pins all tuning levers bend all tuning pins during all tunings, Coved Moldings as Aid to Gang-Filing Hammers, Damper Clunk damper underlever lift trays bass lift-tray pivot pin made oval hole in hinge block, Damper Thump Steinway damper lifter tray coil spring, design of bass strings duplicating scaling tension, History of Tuning Benjamin Franklin and the Armonica, how long Tuning Instability after restringing?, losing weight risk of obesity exercise diet body mass index, new-generation player pianos electronic parts sensor strips adjustments voltage, piano service as a profession professional educating the public to maintain their pianos respect Who We Are, piano tilter collapsing Piano Parts and Their Functions Mason wedges polyester noises VJ lube bottom board pedal mounts flathead wood screw countersinks, Planning for the Future, PTGF Foundation Scholarship Sends Two to Convention, slip vinyl tubing on catcher dowel, Stiffness in a Shank troubleshooting action problems, tip on tuning Mason & Hamlin screw stringer, Trigger Point Self-Message, Two Views of Spring/Plenty to See & Do North Carolina Regional Conference, Ulrich Gerhartz - The Quest for Perfection woodworking tools Steinway Senior Concert Technician, Yamaha U1 action too light

September 1998
CD# 4
Articles

TITLE	AUTHOR
Antique Tuning Kit	Reinhardt, Zen
Bad kitty	Contouris, Glenn Shipe, Gary
Baldwin Targets New Web Site at Consumers, Dealers	
Company Hits High Note with Golden Anniversary	
Fitting Hammers to Strings	Vredevoogd, Bruce
Glenn Clutter Appointed DSM of Young Chang & Kurzweil	
Gone, But Not Forgotten	Stone, Sid
Hall of Fame an Honor	Smith, Virgil
In Memory of Barbara Zeiner	Bittinger, Celia
Key-Stick Repair	Slavin, Michael
Learning is as Easy as PTG	Durbin, David
Let-Off Tip	Theisen, William
Miller Reorganizes Kurzweil/Young Chang Home Division	
One for the Record Books	Tremper, Phyllis
Pedal Rod Tips	Bartnik, Bob
Puzzler #11 -- Reading Matter	Levitan, Dan
Rejected!	Brady, Steve
Repairing Janssen Back	Moody, Torres, Root, Peake
Richard "Rick" Temple	Fischer, Carl
Same-Day Differences in Humidity Levels	Mair, Bob
Some Thoughts on the Design of Bass Strings - Part II	Brown, Richard
Student Earns Puget Sound Scholarship	
Substitute for Methanol?	Olson, Grattan, Kline, Jolly
The Swan's Wing Temperament	Sutton, Ed
Thinking A Little Bit Bigger	Barr, David
Trigger Point Self-Message for Piano Technicians-Part IV	Davies, Claire
World-Class Junk	Kline, Susan
Young Chang to Offer Unprecedented New Warranty	

KEYWORDS:

20th century tuning theory sequence, Another successful PTG Convention new board members, Antique Tuning Kit, Bad kitty litter box cat cleaning agents Products: Deodorant, Baldwin Targets New Web Site at Consumers, bass strings, business building technicians forming joint venture partnership hiring employees overhead expenses greater earning power, clientele, Dealers, Deorderock, Fitting Hammers to Strings filing striking surface, Glenn Clutter Appointed DSM of Young Chang & Kurzweil, Hall of Fame an Honor Virgil Smith, Helen and Walter Pearson sales piano market retail, In Memory of Barbara Zeiner, inharmonicity, Key-Stick Repair aluminum window screen and epoxy, Knight In Shining Armor customer relations, let-off tip regulating rack micrometer, Miller Reorganizes Kurzweil/Young Chang Home Division, Monica Ohuchi Student Earns Puget Sound Scholarship MTNA, Nature's Miracle, Pedal Rod Tips missing SAE metric taps and dies, piano service, preventing customer ingratitude allocation of time and resources making a living realistic estimates staying within budget, PTG Journal learning continuing education seminar and convention, Puzzler #11 -- Reading Matter decals and stuff written on soundboards and plates, Repairing Janssen Back pinblock splits plate carriage bolts screws West System epoxy marine epoxy clamp, Richard "Rick" Temple, Same-Day Differences in Humidity Levels Damp-Chaser, Sanderson equations, Substitute for Methanol? shrink tight action centers. Water grain alcohol use eye protection vodka toxic Everclear blow drier denatured proof, tempering from larger structures in, The Swan's Wing Temperament two octave ladder of major 3rds, The World's Largest Collection of Business Cards for Piano Technicians over 2000 cards misplaced or taken, Trigger Point Self-Message, Young Chang to Offer Unprecedented New Warranty

October 1998

CD# 4

Articles

TITLE	AUTHOR
1998-99 Supplement to The Piano Book Released	Kline, Susan
Alternate Use for Backcheck Tool	Long, Ralph
Are Piano Technicians Maintaining Old Instruments for too Long?	Willanger, Susan
Capstan Tool for Chickering Quarter Grands	Steinbuhler, David
David Steinbuhler Responds	Alviani, Alice
Dear PTG and PTGF	Harmon, Clayton
Getting More Than You Bargained For	Durbin, David
Getting More Than You Give	Brady, Steve
Hex-to-Combination Adapter for Power Screwdriver	Weisensteiner, Roger
Hurry Hurry Hurry - Read All About It!	Ragusa, John
Kansas City '99 - Now's the Time to Plan!	Bartnik, Bob
Lubricating Spring Slots	Tremper, Phyllis
Mail Bringing PTGA News	Coleman; Harvey, Jim
PalmPilot & Piano Technicians	Day, Dick; Grassi, McCoy, Story
PalmPilot & Piano Technicians	Dowling, Bob
Paul Ruhenbeck	Theisen, William
Regulating Jacks to Pear-Shaped Knuckles	Brown, Richard
Some Thoughts on the Design of Bass Strings - Part III	Armstrong, Tom; Hunt, Todd
Steinway Grand "Fuzzy Buzz"	Jorgensen, Krentzel, Greeley
Steinway Grand "Fuzzy Buzz"	McNeil, Harvey, Minor
Steinway Grand "Fuzzy Buzz"	Brown, Richard
The 7/8 Keyboard	Ternstrom, Evelyn
The Day We Visited a "Summer Cottage"	Kline, Susan
The Hunting of the Noise	Fairchild, Steve
The Violin Temperament	Davies, Claire
Trigger Point Self-Message for Piano Technicians-Part V	Ellis, Jim
Tuning To A Pipe Organ	Mendus, Bill
Untangling Auto Expenses	Hanzlick, David
Why Do You Belong to the Piano Technicians Guild? - Part III	Levitan, Dan
Wild Strings	

KEYWORDS:

annual convention bus tour, attending many conventions fledgling donate tuning publicity, convention institute, CPA taxes deducting auto expenses home office IRS, effect of temperature on the pitch of a pipe organ, finding noise chatters clanks jingles groans buzzes clicks whistles squeaks thuds remove debris, Karen Hudson-Brown's life changing experience using the 7/8 keyboard ADS Keyboards retrofit design for smaller narrow sharps small-boned hands, Ken Amend developed adapter to use any combination tool like let-off or drop screw regulator, Larry Fine, newsletter editor, noises troubleshooting buzz, Paul Ruhenbeck, Providence Convention recap valuable membership benefit volunteer good value, reasons for belonging to an association information shape direction ongoing development of professional skills peer support, refuse to restore restoring old pianos cheap and good quality replace old badly worn life span killing our industry, Regulating Jacks to Pear-Shaped Knuckles lighten action touchweight deformed Thayer buckskin bolster, rescaling Some Thoughts on the Design of Bass Strings, scheduling appointments, scheduling appointments Zaurus Day-Timer Day-Runner PDA eliminates duplication of effort calculator invoices Casio, small shortened 7/8 keyboard not intended or needed try it before committing substantial contribution to piano pedagogy but small niche, thanks for convention scholarship PTG PTGF, The Beat-Rate Tuner, The Intonation Tuner the ultimate tuning art form Ic tracking system, The Memories of Kelly Ward PTGF, Trigger Point Self-Message The Stomach and Chest Muscles, unison tone color with "invisible motion" The Machine Tuner, use carpenter's pencil graphite, use hardwood tool used to regulate spinet back-checks for tapping in hinge pins, use knitting needle to regulate capstans, wild string

November 1998

CD# 4

Articles

TITLE	AUTHOR
Armonica Feedback	Farrar, Donn
Bartolomeo Arrives	Patterson, David
Cold-Pressed Hammers	Turner, Jim; Jolly, Hunt, Fandr
Coping with the Pitch Difference Between One String Alone & the Tuned Unison	Smith, Virgil
Dampp-Chaser Hose Clip Locator	
Daytona Beach Chapter Celebrates National Piano Month	Mahard, Doug
Health-Related Coverage Available to PTG Members	Mishkin, Robert
History of the Jahn Company	
Interview with Ray Negron - Ronsen Piano Hammer Company	Kallberg, Earl
Invest in Yourself	Durbin, David
Knabe Agraffes	Fandrich, Edwardsen, Rob
Knabe Agraffes	Masters, Mike, Bartlett, Cole
Lloyd P. Winn	Barrus, Ralph
Looking Ahead to KC	Tremper, Phyllis
New Life for Old Pantyhose	Bartnik, Bob
Newport Music Festival Holds RPT Hostage	Birch, Jim
Not Stopping Now --Edward Sambell, RPT	Kline, Susan
Pedal Rod Replacement Tip	Gable, Roger
Pianoman Adventures	Hallmark, Alan
Psychological Troubleshooting	Blees, Willem
Puzzler #13 - Mysterious Messages	Levitan, Dan
Repairing Stripped Screw Holes with CA Glue	Myers, Bob
Replacing Keytops	Bryant, Blees, Torres, Gilreath
Replacing Keytops	Chick, Moody, Maxim Keenan
Robin L. Campbell	Seay, Tom
Trigger Point Self-Message for Piano Technicians-Part VI - The Arms and Hands	Davies, Claire
Whitening the Key	
Whitening the Key	Hollinger, Beetem, Wagner,
Whither the Journal?	McDonald, Pearson, Bartlett
	Brady, Steve

KEYWORDS:

cartoon, Cold-Pressed Hammers lanolin Brooks Abel Encore lights soundboard scale Isaac shape Renner Blues over-doped compression spring brings out tone color bands, Edward Ted Sambell tribute George Brown College Banff Centre teaching courses Denis Brassard Anne Fleming-Read Calgary PTG president, Eisenburg Thuringen Sippach Piano Parts Zacharias Leipzig Jahn Piano Parts Pianotek Germany, filler tube easy for customer to find, forearms, glass harmonica Skip Becker article nerve damage lead from glass leaching into fingers, hands and fingers, Health-Related Coverage Available to PTG Members, history of Ronsen hammer production felt wool Ray Negron, Invest in Yourself your education and skills, Ken Churchill schools Puzzler - Mysterious Messages, Knabe Agraffes which size threads? Ronald Sanford drill and tap plate hole or recut threads on new oversize agraffe Pianotek replace, Larry Brown Newport Music Festival, Lloyd P. Winn, making first impression golden rule people skills treat customers with respect phone etiquette smile body posture dealing with angry customers, new 12-part series on servicing vertical pianos prose, North Caroline Conference Scholarship Fund Contributions Jewell Sprinkle Esther Stegemen, one string of a three-string unison sounding alone gives off a higher pitch than the 3 strings sounding together ignored phenomenon, Pantyhose as filters rubbing out new finish as applicator old base finishes use to strip finish off scroll-saw-cut music desk, press pedal doweled end-pinned rods lessens chance of the first rod falling out while inserting second rod, recital and presentation square piano on display National Piano Month, Robin Campbell, should Journal be more professional/scholarly or popular or middle-ground approach semi-monthly or quarterly? Removed Grand Illusions questionnaire coming, Trigger Point Self-Message muscles of upper arms, use baking soda and thin viscosity CA glue better than toothpicks or weed-whacker cord .080, Vagias adhesive buff replacing keytops, Whitening the Key dark wood under ivory glue piece white paper white-out liquid paper titanium dioxide mix with PVC-E glue Kilz pigmented shellac in spray

December 1998

CD# 4

Articles

TITLE	AUTHOR
Are Two Lids Better Than One?	Dutkanicz, David
Bartolomeo Takes a Close Look	Patterson, David
CA Treatment for Loose Tuning Pins	Love, Jim; Beckingham, Lafarque
Electronic Tuning Devices - The Limits of Accuracy	Coleman, Sr., Jim
Emergency Capstan Regulator	Burnside, Kent
Endorsing the 7/8 Keyboard	Hudson-Brown, Karen
Have a Merry & Safe Holiday Season	Tremper, Phyllis
How I Tuned The Grand	Kurta, Michael
Many Contributed to PTG's Performance	Durbin, David
Nikolaus Schimmel - Strong Advocate of Piano Climate Control Technology	
Piano Technician Insurance Program	Kiser, Jerry
Pianosoft Tops Performance Software Charts - Over 375,000 Sold Since 1989	
Prevent Tilter Disasters	Hallmark, Alan
Repetition/Backcheck Problem	McKechnie, Ball, Swafford, Hunt
Scotch Tape & Baling Wire	Kline, Susan
Searching for Chopin	Brady, Steve
String Breakage at Bridge	Todd, Dempsey Harvey, Moody
The Case of the Broken Strings - Puzzler #14	Levitan, Dan
Tip for Sluggish Vertical Actions	Margrave, Andrew
Trigger Point Self-Message for Piano Technicians-Part VII	Davies, Claire
Two Ways to Determine Length of Pedal Lyre Braces	Slavin, Michael
Weber Let-Off Problem	Hendrickson, Bill; Grattan

KEYWORDS:

bridle tapes under too much tension, CA glue Treatment for Loose Tuning Pins works well, checklist getting a feel for the potential of the instrument, danger of fire The Enemy poem renew your PTGA dues, Electronic Tuning Devices accuracy "Four Lights" principle, Emergency Capstan Regulator use key-rail prop nut screwdriver blade #37 in Schaff, Endorsing the 7/8 Keyboard Steinbuhler retrofit 42" clavichord thrilled life changing experience, evaluating condition of piano, garden area working under time pressure sound checks, grand piano pedal lyre brace length use old telescoping TV antenna, Hal Leonard Yamaha Disklavier Brad Smith musical disks software PianoSoft, insurance liability & tool & property damage coverage SAFECO bodily injury, interesting debris & repairs, let-off problem spreading action brackets replace Marciano Weber Young Chang Chickering action spread, lower lid Revenaugh project more sound Andre Watts Radu Lupu enhanced tone, pinning, Prevent Tilter Disasters accidents safe use Nylon tie-down strap, PTG progress volunteers, Repetition/Backcheck Problem difficult to analyze, Schimmel Damp-Chaser climate control in Europe Germany, some ingenious others worthless use leather scrap hammer felt vodka Everclear grain alcohol business card bushing/action cloth, spring tension hammer weight touchweight friction Stanwood, stages, String Breakage at Bridge Baldwin rust copper mouse problem chemical spilled corrosive humidity roaches, Tad Szulc Arthur Rubenstein biography of Chopin In Paris Pleyel, the cause of broken bass strings, Trigger Point Self-Message the low-back pain gluteus & hip & spinal erector & quadratus lumborum muscles prevention, tuning in difficult noisy conditions like bars, two lids

January 1999
CD# 4
Articles

TITLE	AUTHOR
"Pulley Keys"	Anderson, Ross, Hunt, Peake
1998 Journal Index	
Albert William Henry Hirsch Jr.	
All New -- All-Day Wednesday!	Ragusa, John
Baker Recuperating following Treatment	Baker, Dianne
Bartolomeo Checks the Wood	Patterson, David
Commit to the Future	Tremper, Phyllis
Duncan Ritchie	
E. Charles Hanson	
Feeler Gauge as Piano Tool	Burnside, Kent
First Responses to Richard Brown's "Some Thoughts on the Design of Bass Strings"	Fandrich, Del
Focusing on the Future	
Handy Beeswax Applicator	Durbin, David
In Support of Old Pianos	Bartnik, Bob
Insurmountable Opportunities	Churchill, Ken
Magnetic Vinyl Strips	Hanzlick, David
Measuring Length for New Pedal Rods	Brady, Steve
Oscar Gaudette	Slavin, Michael
Performance & Innovation: The Wapin Bridge on CD A Review of Wapin Piano Bridge	
Pittsburgh Chapter Catches Up With History	Hohf, Robert
Pulsating String	
Steinway & Sons Make Personnel Moves	Rauch, Jorgensen, Purdy, Hunt
Strings & Such	
Taxing Matters	Greene, Kline, Powell, Burton
Thanks, PTG!	Mendus, Bill
The Challenges of Modern Piano Tuning - Part I	Sanderson, Al
The Journal: Different But the Same	Winn, Bruce
Thoughts on "Thoughts"	Brady, Steve
Trademark Rights & Piano Rebuilders	Conklin, Harold
Trigger Point Self-Message for Piano Technicians-Part VIII	Malino, Morgan
William Flechter, Sr.	Davies, Claire

KEYWORDS:

1998 Golden Hammer Award, 1998 Journal Index, Albert William Henry Hirsch Jr., automotive Feeler Gauge as Piano Tool for bedding keyframe working glue between rib and soundboard, Bartolomeo Checks the Wood plucking string sustain time tone capability of piano structure bridge splits cracks rib glue joint sizing up condition of piano, causes for pulsating wild string termination point flat v-bar agraffe or string loose bridge pin kinked string, deducting automobile expenses taxes, Duncan Ritchie, E. Charles Hanson, editorial assistant Jeannie Grassi Editorial Board, extendable curtain rod copper tubing, First Responses to Richard Brown's "Some Thoughts on the Design of Bass Strings" Sanderson, Garrett, George Baker Medical Fund PTG chapters and members donate to cancer treatment, Jim Hoover Named Steinway Training, Journal new contributing editor Bob Hohf, legal questions on not using original instrument manufacturer parts in rebuilding trademark rights rebuilders, Magnetic Vinyl Strips for setting let-off flexible indispensable for sweeping and probing tight crannies under plate retrieve paper clips, Measuring Length for New Pedal Rods use threaded rod and turnbuckle can extend or retract, more thoughts by retired piano engineer on Richard Brown's "Some Thoughts on the Design of Bass Strings" wrapped calculate plain tone duration tension longi, old pianos are worth repairing for some customers, Oscar Gaudette, Paderewski Cliburn Franck Van Mastrigt performs Piano 300, Parsons, pour liquified beeswax into empty speed stick deodorant casing lubricant friction lube keybeds bottom boards, Promotions Director; Ron Losby appointed London GM, PTG tuning exam described. What is modern equal temperament & how do we tune it correctly on different pianos? 7 challenges, pully key repairs glue/water sizing Ralph Onesti tool install new insert, replacing treble string that goes behind bass strings use newspaper, Smithsonian Piano 300 exhibit NAMM Money Magazine increased piano sales research impact of piano study on children celebrate economy, Sr., support causes and organizations, technology aids efficient management of time communication, three distinguished historical pianos owned by Horowitz, Trigger Point Self-Message for Piano Technicians-Part VIII quadriceps foot, Wapin Piano Bridge Michael Wathen Richard Harris piano string motion new system for pinning strings on piano bridges three-pin extends decay time clarity, which kind of wood? Lemon olive, whole new day of classes added for 1999 Kansas City Institute, William Flechter

February 1999

CD# 4

Articles

TITLE	AUTHOR
1999 PA State Auxiliary Convention Program; Something for A Personal Temperament	Tremper, Phyllis
Back by Popular Demand: Tuning Tutoring-One-on-One	Winn, Bruce
Baldwin Appoints Duane Kimble; Perry Schwartz,Dallas Chapter	Ragusa, John
Bartolomeo Considers the Tuning Pins	
Broken Key	Patterson, David
Broken Key	Black, Oorebeek, Page, Ross
Focusing On the Future	Cunha, Bergantino, Degen
Goldberg Variations	Durbin, David
Grand Action Transport Tip	Sullivan, Anita
Homemade Workbench Dogs	Burnside, Kent
Junk That Isn't-Part I	Bartnik, Bob
Mini-technicals: There's Nothing "Mini" About Them!	Kline, Susan
One Thousand Mistakes	Gilreath, Allan
Plastic Parts	Brady, Steve
Plastic Parts	Anderson, McGavern, Bles
Plastic Parts	Bondi, Jorgensen, Nossaman
Plastic Parts	Mannino, Skowronek, Birkett
Puzzler #15-Resistance Movement	Zabrocki, Sy; Hollinger, Mangus
Remembering Stephen S. "Steve" Jellen, 1917-1977, Welcome to Your Museum, Planned Giving	Levitan, Dan
Re-using Old Soundbaord Wood in New Boards	Eaton, Wendell; Brooks, Wally
Re-using Old Soundbaord Wood in New Boards	
Re-using Old Soundbaord Wood in New Boards	Birkett, Greeley, Fandrich
Robert Kissling	Draine, Rose, Nossaman, Pearson
Sohmer Pinblock Problem	Puig, Josep; Oliver, Whitehead
Steve Townsend	
Technicians & Manufacturers-Different Sides of the Coin	Moon, Jim
The Challenges of Modern Piano Tuning - Part II Setting the Temperament-A Precise Compromise	Campbell, David
What Happens IfÖ?	Winn, Bruce
William Aiken	Stern, Mark

KEYWORDS:

1999 PA State Auxiliary Convention Program; Something for Everyone in KC, action problem, Are you an RPT value of RPT exams certification, avoid creating loose tuning pins when replacing string, Baldwin Piano Appoints Duane Kimble CFO; Perry Schwartz Named Corporate Treasurer; Dallas Chapter Joins Piano Industry Promotion, Barcelona, both ways from the middle William Braid White Baldassini-Sanderson George Defebaugh, Broken key repair reinforce with veneer, cardboard, conduct vibrations better, Directions for tuning, elderly people with bad hearing in top octave, Grand Action Transport Tip remove top action, Homemade Workbench Dogs to hold work in place, Jeffrey Kahane, Mason & Hamlin screw stringer tuning and restringing, mastering a skill requires making mistakes, metal tape for car repair called Self Adhesive Body Patch, mini-technicals classes at Kansas City Convention, moving piano, old seasoned violins resonant compression damage, payment in full upon delivery, pianist, Plastic parts PVC or ABS Styrene nothing negative noticed but snide remarks still made, PTGF library named in honor of Steve Jellen, Robert Kissling, sentimental value of piano, setting the temperament-information and exercises to learn tuning at RPT level sequence of tests divide octave into 12 equal semitones framework for tuning, Sohmer grand Pinblock Problem tapered block used angle iron, Spain. old wood vs new? Wood cells turn more resinous with age, special classes and help on tuning at Kansas City Convention, special grand action model Richard Davenport allows change key ratio adjustable balance rail capstans knuckles action spread touchweight Alan Elder video, Sterling Publishing Co. Wood as an Engineering Material from US Gov Printing Office absolute required reading for rebuilders, Steve Townsend, The Encyclopedia of Wood, Tite Bond fiberglass cloth epoxy CA glue, U.S. Department of Agriculture Handbook #72 Wood Handbook, Understanding Wood by R. Bruce Hoadley, various methods to cure loose tuning pins veneer disadvantage of oversize pin, why is there sometimes an adversarial relationship between piano technicians and piano manufacturers? We should be in love with piano manufacturers, William Aiken

March 1999

CD# 4

Articles

TITLE	AUTHOR
A Fascinating Art: Business Classes in Kansas City	Smith, Evelyn
A Guide to Bridge Repair, Part 1: Introduction	Hohf, Robert
Backchecking Problem	Aerts, Lefargue, Hunt
Backchecking Problem	Seay, Tom; Hufford, Bryant Todd
Bartolomeo Sees the People	Patterson, David
Breaking Elbows Made Easy (for Piano Technicians)	Reinhardt, Zen
Bridge Pin Removal Problem	Farinella, Charles; Page, Jolly
Bridge Pin Removal Problem	Stuart-Vail, Nossaman, Harvey
Bridle Tape Tip: A Better Explanation	Hughes, David
Dealing With the Heartbreak of Verdigris	Bartnik, Bob
Grand Lid Removal and Replacement	Cole, Scherer, Fortiner, Large
Grand Lid Removal and Replacement	Goodale, Rob; Jones, Joel; Ross
Joe Sciortino-The Gift for Invention	Sullivan, Anita
Junk That Isn't--Part II	Kline, Susan
Kansas City History--More Than a Cowtown	Yockey, Rebecca
KC 1999--The University of Piano Technology	Ragusa, John
Lewis Mell	
Looking for a Few Good Tips	Brady, Steve
More In Defense of Older Pianos	Schuss, Garry
MusicLink Links Kids, Pianos	Durbin, David
Saved to Serve	Ternstrom, Evelyn
Standard Actions, Part II	Levitan, Dan
Steinway & Sons to Buy Steinway Hall	
String-seating Tool	Revenko-Jones, Paul
Texas State--Really Great	Wisenbaker, Beva Jean
The Challenges of Modern Piano Tuning - Part III: Expanding	Winn, Bruce
Temperament--Onward and Outward	
The Steinway repetition syndrome	Marston, Marlene
Upright Intentions & Grand Illusions	Ice, Theron
Voicing Tip	Burnside, Kent
William Pealer	

KEYWORDS:

a legacy we should preserve, action gunked up clean with Starter Fluid from automotive supply, action spread difference teflon vs Renner shanks must also replace wippens, an introductory story of an experienced rebuilder surprised by bad results after bridge recapping, and for verticals with the front panel on, Assistant editor, attach vise-grip to cheap dent puller from automotive supply, Backchecking flange pinning too loose or tight angle curve and length of tails, backchecking problem enlarged balance rail hole or loose key bushings, bad rebuild/termination point/notch Bridge Pin Removal Problem use vise grips twisting motion carpenter's pincers pry apply mild heat with soldering iron, breaking plastic elbows, Bruce Stevens President of Steinway & Sons buying back Steinway Hall, Business Classes in Kansas City 1999, consistent customer satisfaction and quality work, correcting misinformation and educating customer, customer skills, effect of bridle strap adjustment too taut causes sluggish action, expanding the temperament across midrange, geometry problem, glad to serve PTGA, Grand Lid damage prevent Removal by cut off ends of pins so they must be removed with punch replacing lids and locating hinges double-sided tape, Grand Lid Removal entirely for performance causes stress on hinges lost hinge pins damage to lids solutions, high treble and bass regions, innovator, interacting and working through the customer, jack binding on bumper felt in balancier window, Joe Sciortino genius in creating tools, Journal artist, Kansas City Convention 1999 diverse curriculum, Kansas City History--More Than a Cowtown, Knurled brass screwdriver modified for seating strings at hitch pin., Lewis Mell, lube with ProTek CLP ether danger of fire or explosion use in well-ventilated area, many newer ones are of poor quality customer sentimental attachment, many older pianos are worth repair and rebuilding, March is Music in the School Month volunteer MusicLink Links Kids, Needed: TT&T material, Pianos, polycarbonate snap on replacement elbows, slip-joint pliers, some older pianos were built to wonderful standards, Steve Fairchild, survived ship sinking WWII German attack, systems, techniques in piano work, ten signs of a good upright., Texas State Seminar 1998 Jimmy Gold Award Martin Wisenbaker, The Steinway repetition syndrome importance of understanding all facets of action regulation wippen pinning spring tension, this grippy little impact puller also works wonderfully for key pins, tools needed: tin snips, transverse=end wire cutters, treble, verbs used as nouns refer to piano parts, vise-grip, voicing remember if the owner will hear the piano with lid up or down, what is your aptitude for being a piano technician, wide range of technical skills, William Pealer, worth restoring list of experts to consult

April 1999
CD# 4
Articles

TITLE	AUTHOR
"Pro-Tip" Extension	Hallmark, Alan
1998 NCRC Richmond Tour In Review	Goodwin, Fran
1999 Winter NAMM Show Review	Brady, Steve
'98 N.C. Regional Conference Draws Int'l Audience	Hallmark, Alan
A Guide to Recapping Bridges, Part II: Preparing the capping material	Hohf, Robert
A Piano Technicians Guide to Field Repairs	Brady, Steve
Action Handling	Jones, Joel; Tomlinson, Grassi
Action Handling	Probst, Foote, Hunt
Alson Blaney	
Baldwin Reports Q4, Year-End '98 Results	
Bartolomeo Does Some Tuning	Patterson, David
Broken Tuning Pin Removal	Fox, Simon, Snelson, Foote
Broken Tuning Pin Removal	Simmons, Nossaman, Root, Hunt
Cutting Damper Felt	Chick, Miller, Goodale, Purdy
Cutting Damper Felt	Ilvedson, Sambell, Hunt, Newell
D. Elwyn Lamb	
Diane Y. Hennessy	Hennessy, Diane
Disposable Glue Bottle	Brady, Steve
Ernest Brinkman	
James Page	
Just Do It!--Kansas City '99	Ragusa, John
Leftover Tuning Pins	Bartnik, Bob
Nashville Chapter Become Historically Correct	Dady, Herb
Over the Mountain & Through the Snow	Neal, Doug
PTGA Supports PTG	Raudenbush, Marilyn
Rebuilding Your Way To The Future	Probst, Dale
Retronyms & the "Piano"	Bryant, Jim
Securing Fallboard While Working	Slavin, Michael
Seiler Phantom Grand at NAMM	Fleming-Read, Anne
Servicing Vertical Actions on Location	Cashion, Jack
Steinway Fourth Quarter Results	
The Challenges of Modern Piano Tuning-Part IV: Stability and Unisons	Winn, Bruce
The Effect of Temperature on Piano Pitch	Payne, James

KEYWORDS:

"Pro-Tip" Extension from Dryburgh Adhesives is a precision-control extension that fits on the end of the bottle tip, 1998 North Carolina Regional Conference in Richmond, '98 N.C. Regional Conference Draws International Audience, about the capping wood, Alson Blaney, anticipation of Kansas City 1999 Convention, Baldwin Reports Fourth Quarter, Braucke folding two-wheel very compact, Broken Tuning Pin Removal Pianotek has tool, careful about posture and arm & shoulders v-bar resurfacing seating strings, Chinese pianos improve, cool with dry ice, customer permission, Cutting Damper Felt Spurlock cutting block jig, D. Elwyn Lamb, deep needling, Diane Y. Hennessy bio, Disposable Glue Bottle spice bottle for hot hide glue, don't allow use of "acoustic piano" just use "piano", Doug Neal's great travel difficulties getting to concert tunings for Misha Dichter, drive pin deeper or through, earnings per share up, Edward Foote and Enid Katahn present program on Historical Temperaments wave of the future, Ernest Brinkman, extractor tip with reverse threads, Field Repair classes at Kansas City Institute 1999, gang filing, Geneva International Fazioli hybrid pianos acoustic & electronic played more so need more service Baldwin ConcertMaster, guillotine, how to move an action without carrying it Paul Jensen action dolly, how to prevent with proper fitting tips, install damper felts, James Page, Leftover Tuning Pins store in zipper plastic baggie with label, luggage cart, making a tool, Norman Cantrell grand action cart, pitch raising, pruning shears Pianotek, PTGA Supports PTG, reasons why tuning pins break, Rebuilding classes at Kansas City Institute 1999, Recapping Bridges, rotary cutter, scalpel, Securing Fallboard While Working wedge a rubber tuning mute, Seiler Phantom Grand at NAMM truly unique instrument for learning provides a full cross-section of the piano from keyboard to tail hinged together, Servicing Vertical Actions on Location use 12-gauge solid core electrical wire for action hangers, Steinway piano division achieved record results in 1998, The Challenges of Modern Piano Tuning Stability and Unisons improper tuning hammer twisted and bent pins flagpoling, The Effect of Temperature on Piano Pitch, VA, various considerations on tuning, Watanabe, Year-End '98 Results

May 1999
CD# 4
Articles

TITLE	AUTHOR
"String Voicing"Öa New Concept?	Fehrenbacher, Craig
"Thumper" Modifications	Harvey, Jim
A Case for Customer Service	Cantrell, Norman
A Guide to Bridge Recapping-Part III	Hohf, Robert
Action Blasting	Fandrich, Hunt, Coleman
Action Blasting	Heaton, Moody, Simon Grattan
Action Blasting	King, Alan; Kroeker Dewey McCoy
Bartolomeo Explores Tone	Patterson, David
Chipping	Bremmer Bryant Nossaman
Chipping	Hunt, Jerry; Coleman Kline Page
Controllable Steam Voicing	Jolly, Roger
Dorothy Silva	Tremper, Phyllis
Elwyn Lamb	Odenheimer, Fred
Harland Burgess	
Installing New Knuckles	Chickering, Jolly McGavern
Installing New Knuckles	Sambell, Ted; Page Heaton
Kansas City Offers a Full Plate	Hedger, Vicki
New Voicing Tray	Brady, Steve
Piano Rebuilt as Travis Memorial	Travis, Michael; Hughes, David
Piano Technicians Guild Foundation Update	
Piano Technicians Insurance Program	Kiser, Jerry
Public Opinion No Idiot	Stivers, Mark
Reach For It!--In Kansas City	Ragusa, John
Response to Soundboard Discussion	Grossbach, Jan
Sunday Morning in KC, Cybercafe and Business Roundtables	Smith, Evelyn
Take a Pillow to Work	Vanderhoofven, David
The '98 Temperament Festival	Smith, Virgil
The End of an Era, A Fond Farewell to a Landmark Educational Program	Goodale, Rob
The Readers Write	
Volunteers Needed for Visually Impaired	Brady, Steve
WIT Alumni Remember	Hassig, Richard
You Might Need to Burn Down a Piano	Neal, Doug
	Sullivan, Anita

KEYWORDS:

Action Blasting with glass beads silica, and over charging plumbers and city inspectors; good service requirements, attractions at 1999 convention and institute, Blasting with glass beads Spurlock articles TIP Tools & Equipment, Brandom, corn cobs air pressure Grit-O-Cobs from The Andersons, Cybercafe Palm III Baird Berry Emerson Kiel Lamoreaux Reyburn Rudoff Torrella Zajicek Brooks Spivey Mackinnon Pascone Foy Severin Radford Russell Phillips, Eastwood Compan, Elwyn Lamb, Establishing clear/clean well-defined termination points string voicing, Europiano, finely ground walnut shells, frustration with evasive, Germany German technician Response to Soundboard Discussion Editor, Gottschalk, Harland Burgess, Hear different music performed on historical temperaments Skip Becker organized at 1998 convention, Hoffsommer, humor about piano frustrations, In Memory of Dorothy Silva make donation to Auxiliary Piano Scholarship Fund, Installing New Knuckles, Journal survey results analyzed, Kansas City 1999 convention Offers a Full Plate, McMaster-Carr, Measuring and recording locations slow down pace of work bridge template removing cap veterinary syringe for epoxy, Mulcahey, Museum, New Voicing Tray, no show, Piano Rebuilt as John Travis Memorial, Piano Technicians Insurance Program liability tool property insurance coverage SAFECO Bailees transportation, pillow helps pad spider dolly under grand when installing Damp-Chaser, Planned Giving-Leaving a Legacy Jane Karwoski winner of PTGF MTNA scholarship, Public Opinion is an idiot, restringing points of reference while chip tuning, steam voicing, Stephen Jellen, Stock, voicing, Volunteers Needed for Visually Impaired at 1999 PTG Technical Institute, Wagoner, wearable palm thumper to sock in pound in tunings, Western Iowa Tech in Sioux City respected piano technology school for more than 30 years closes, Wisner

June 1999

CD# 4

Articles

TITLE	AUTHOR
"Keep Talking"	
1998-99 Secretary-Treasurer's Report	Wagoner, Gracie
A Guide to Bridge Recapping-Part IV	Hohf, Robert
An Essay on the History of Tuning--Part XI The Birth of Our Profession	Becker, Skip
Bartolomeo Declines to Pull Out His Hair	Patterson, David
Better-Looking Plate Screws	Hughes, David
Damper Guide-Rail Bushings	Chick, Kline, Cole
Flexible-shaft Screwdriver	Vanderhoofven, David
Humidifier Pad Replacement	Slavin, Michael
Leg Screw-Hole Repairs	Newell, Hunt Foote
Lucinda Lear Receives PTG Foundation Grant	
Noisy Bridle Straps	DiTommaso, Moody, Degen
PA State Seminar a Hit	Tremper, Phyllis
Plastic in Piano Actions	Mannino, Don
Proposed Amendments to the Piano Technicians Guild Auxiliary Bylaws	Ternstrom, Evelyn
Ralph Hamilton	
Skimming the Cream (What to Do When Your Business Becomes Too Successful)	Brady, Steve
Steinway Underlever Replacement	Sturm, Fandrich Sloane McNeil
Symphony Afghan Ready for KC Raffle	Wisenbaker, Beva Jean
Tight Action Centers-"To juice or not to juice?"	Leary, Kevin
Where's the Beef	Ragusa, John; Prindle, Bill
Y2K & the Piano Tech	Anderson, Kris

KEYWORDS:

1998-1999 Secretary-Treasurer's Report, A Guide to Bridge Recapping clamping, bad reputation of 1950s plastic PVC and ABS plastics, Better-Looking Plate Screws avoid chipping new plate paint with dummy screws while finish still pliable, Damper Guide-Rail Bushings sizing with alcohol and bridge pin, dowel wood has wrong grain orientation "Wood Rebuilder" CA glue, Flexible-shaft Screwdriver Snakedriver Durapro, Humidifier Pad Replacement use a gallon-size Zip-Loc bag with disposable latex glove, Kansas City 1999 convention, Leg Screw-Hole Repairs threaded inserts, Lucinda Lear Receives PTG Foundation Grant, marketing strategy, Noisy Bridle Straps pvc-e glue or rubber cement cures, PA State Seminar a Hit, Plastic in Piano Actions pioneering by Kawai in late 1960s, plugs cut with tenon maker or plug cutter, Proposed Amendments to the Piano Technicians Guild Auxiliary Bylaws, Ralph Hamilton, steel/nylon pedal system frustrations, Steinway Underlever Replacement Renner kit, Symphony Afghan Ready for KC Raffle, Tight Action Centers wool lubricate ream friction contaminantes Protek naptha, too much too successful business more than you have time for how to cut back raise rates downsize your service area specialize, tuning The Birth of Our Profession, Y2K & the Piano Tech anticipated year 2000 computer problems telecommunications

July 1999

CD# 4

Articles

TITLE	AUTHOR
A Guide to Bridge Recapping-Part V	Hohf, Robert
An Essay on the History of Tuning--Part XII	Becker, Skip
Another Visit to the Temperament Festival	Becker, Skip
Bartolomeo takes stock of his checklists	Patterson, David
Centering Hole in End of Rod	Dewey, John
Ear Training - Part I	Sutton, Ed
Enjoying the Unexpected	Brady, Steve
FAC Averaging	Piesik Carey Larudee Sturm
Grand Damper Regulation	Sloane, Ken
I Found The Beef!	Prindle, Bill
James Barry	
Jazz Tuning	Potter, Mark;Severance Carter
Jimmy Gold	
Magnetic Dust Pan	Bartnik, Bob
Muffler Rail Tip	Slavin, Michael
New Research Shows ABS Piano Action Parts Superior to Wood	
Replacing Jack Spring Retainer Strings on Grand Wippens	Stephens, Don
Tools From Coat Hanger Wire	Juhn, Ernie
Touchweight a Matter of Physics	Cox, Jim
Trolley Provides Unique View of KC	Yockey, Rebecca
Tuning Upright Players	Leshner, Cliff; Fisher, Larry
Wapin LLP Formed	

KEYWORDS:

1999 convention alternative activities in Kansas City, 1999 convention in Kansas City places to eat, A Guide to Bridge Recapping-Part V downbearing deflected soundboard, An Essay on the History of Tuning--Part XII, bridle wire position affects touch David Hughes and Andrew Margrave, Butler EEZ-THRU Floss Threader dental for Replacing Jack Spring Retainer Strings on Grand Wippens, Centering Hole in End of Rod, corrections to Virgil Smith's evaluation in the 6/99 Journal of the 1999 convention Temperament Festival Bill Bremmer Equal-Beating Victorian (EBV), developing checklists to improve work efficiency waste less time by forgetting, Ear Training tips on how to train our ears todo better tuning. Close your eyes, equal load distribution, FAC Averaging for tuning two different size pianos together SAT needs manual calculation RCT does it for you, Grand Damper Regulation wire bending tool with kerf parallel-jaw pliers, James Barry, Jazz Tuning not different than other tuning equal temperament probably preferred, Jimmy Gold, Magnetic Dust Pan to separate spilled screws from the dust when you sweep them up, Muffler Rail Tip, or there is much regulating to do before you can tune, Prof Abdul Sadat piano action parts made of ABS Styran superior to wood strength durability dimensional consistency resistance to climatic change, Tools From Coat Hanger Wire, Tuning Upright Players leave the player action in don't remove, unexpected problems a string breaks just before concert, Wapin LLP Formed Sioux Falls Bill Springer Tim Coates Michael Wathen exclusive worldwide distributor of patent system for attaching string to piano bridge

August 1999
 CD# 4
 Articles

TITLE	AUTHOR
A Guide to Bridge Recapping--Part VI	Hohf, Robert
A Word (or Two) About Voicing	Juhn, Ernie
Baldwin Builds Custom Keys for Platinum-Selling Pop Artist Ben	
Bartolomeo Examines the Keys	Patterson, David
Becoming a Well-Tempered Pianist	Katahn, Enid
Bedding The Keyframe--Part I	De Tar, Brian
Branch, John	
Buzzy Babies	Grassi, Jeannie
Cleaning the Plate	Beckingham, Blee, Potter
Contracting Work	Messerly, Carter, Blee, Fox
Dancing Dampers	Mamer, Todd, Dempsey
Ear Training: The Overtone Series	Sutton, Ed
Estimating Stringing Material	Torrella, Jolly, Peake
Foot Switch becomes a Hand Switch	Cox, Jim
Mutes and Muting	Kurta, Michael
Response to Virgil Smith's Temperament Festival Commentary	Bremer, Bill
Take a Tip and Sharpen Your Axe	Nelson, Lyn
The More Things Change	Grassi, Jeannie
The Restoration of Historical Temperaments	Jorgensen, Owen
Winner of MTNA-Steinway & Sons Collegiate Artist Piano Compe-	

KEYWORDS:

1099 if over \$600, Baldwin Builds Custom Keys for Platinum-Selling Pop Artist Ben Folds Joe Vitti, Bartolomeo Examines the Keys, Branch, bridge recapping setting downbearing thickening the new cap, chord-quality differences not present in ET, cleaning plate before regilding Simple Green 400-grit sandpaper TSP tri-sodium phosphate Soilex at Porter Paints, cut felt strip mute down center leave connected at one end, damper screws found loose after careful alignment, Don Mannino's fabric tubes filled w PVC pellets lie on aliquot or duplex scale to make treble tuning easier Buzzy Babies, Enid Katahn William Carragan Edward Foote Piano and Keyboard Magazine Coleman M. Kolinski, Estimating Stringing Material of plain wire is not worth the detail, Fantastik, Foot Switch becomes a Hand Switch SAT, from surgery. Subcontract. IRS, historical temperaments Susan Halligan, hook handles together, how to continue your tuning business if you are gone for several weeks--say, John, just keep an extra five-pound package available at all times, learn the overtone series Coleman Beat Locator Cards, Mason The New Tuning, MTNA-Steinway Colegiate Artist Piano Competition Peter Goodrich Gary Ingle Bruce Stevens Sally Coveleskie Frank Mazurco, new tools and technology computers aid technicians in working on a machine whose basic design has not changed in 100 years, new tuning hammer extension shaft #3 tip cured frustration, Paul Bailey Meantone Quasi-Equal Tune-off, relatively flexible keyframes best bedding, sand rubberwedge mutes, screws not tightened enough, serenity of more pure calm chords and the wavering pulsing activity the drama in changes of key well-tempered, shorten handles, Temperament Festival Providence Virgil Smith Karen Hudson Brown, voicing basics

September 1999

CD# 4

Articles

TITLE	AUTHOR
A Guide to Bridge Recapping--Part VII	Hohf, Robert
Baker, George Lewis	
Bartolomeo puts a damper on things	Patterson, David
Bedding the Keyframe--Part II	De Tar, Brian
Carlson, Raymond	
Concert Instrument Maintenance	Renaud, Overs, Nossaman
Curiosities: A Spector Upright	Kline, Susan
Ear Training: Hearing Inside the Brain	Sutton, Ed
Fine Points of Drilling Bridges	Trout, Nossaman, Krentzel
Frequency Accuracy?	Trout, Scott, Hunt
Gray Market Yamaha Pianos	Brandom, Bill
Heavy Touch on Old Upright	Churchill, Ken
Keeping Cords Neat	Dewey, John
Knowing When to Quit	Powell, Sam
More on Y2K	Day, Chris
Olson, Scott Joseph	
Orr, Ronald W.	
Plastic Action Parts	Cohen, Steven
Quick Fix for Bottom-Board Squeak	Vanderhoofven, David
Thanks fo the Tips	Brady, Steve
The Seven-Year Rule	Belmont, Bob
Yamaha Consultant LaRoy Edwards Honored With Lifetime	
Yamaha Offers Interactive CD Rom Selections for High-tech prod-	

KEYWORDS:

Baker, bedding keyframe, brad point drill bit, bridge pin angle, bridge recapping, Bureau is the ultimate standard for measuring pitch Cesium atomic clocks RCT SAT TuneLab CalSound calibrate, Carlson, close your eyes while listening, cut-down upright piano, damper regulation, does frequent tuning cause tone and string deterioration? Seating strings too vigorously, Don Mannino answers, George Lewis, Gray Market Yamaha Pianos pianos made for sale in Japan have no warranty in the U.S., how often to restring, how to keep drill bit from wandering off the mark, Journal Assistant Editor chosen Bob Hohf, Journal illustrator John Hartman, Journal readers send in tech tips, laying out the unisons, location has a lot to do with how quickly a piano service business can grow, loosen angled screws on the front center action brackets first, National Institute of Standards and Technology, Olson, Orr, polish top of jack with pencil to cure heavy touch, position of bridge pins notched and unnotched bass bridges side bearing Mylar template plexiglas center punch, problems of Y2K computer, question about ABS plastic flanges withstanding screw pressure, Quick Fix for Bottom-Board Squeak, Raymond, right and left brain Dr. Fredrick Schiffer's Of Two Minds, Ronald W., Scott Joseph, sometimes due to impossible-to-tune or regulate piano, tapping, the impossible-to-please customer, use plastic water pipe coupling to keep electrical cords neat, Yamaha Consultant LaRoy Edwards Honored With Lifetime Achievement Award Ray Reuter Terry Lewis, Yamaha Offers Interactive CD Rom Selections for High-tech product Information

October 1999

CD# 4

Articles

TITLE	AUTHOR
1999 IAPBT Convention, Japan Site of 11th Annual Event	Hong, Yat-Lam
A Guide to Bridge Recapping--Part VIII	Hohf, Robert
Analyzing Touch Perception in Grand Pianos	Sloan, Ken
Bartomomeo Enjoys a Factory Approach	Patterson, David
Bedding the Keyframe -- Part III	De Tar, Brian
Calcote, Vernon	
Changes & Clarifications to the 1999 Membership Directory	
Congratulations Emil Fries Piano Hospital & Training Center for 50	Potter, Randy
Cybercafe	
Davis, F. Kelso	
Dummy Tuning Pin	Tuckfield, Ralph
Ear Training: Hear More Beats Better	Sutton, Ed
Exhibitors @ KC	
Faces in the Crowd	
Gailes, Jr., George	
Golden Hammer Award	
Grand Wippen Retrofit	Lofton, Shull, Page
Home Office & Museum	
How Valid Are Tune-Offs?	Jorgensen, Owen
Hurray! For the Nebraska Chapter	Caldwell, Larry
I recently had a chance to visit the Yamaha piano factories in	Edwards, LaRoy
In Class	
In Council, The Institute	
Ink Eraser for Cleaning Strings	Hoeckelman, Alan
It Was Meant To Be	Wisembaker, Beva Jean
Kansas City Closes out the Millinium with a Bang!	Tremper, Phyllis
Kawai Reception, Yamaha Reception	
Loose Tuning Pins	Churchill, Ken
More On Centering Holes	Stern, Mark
Opening Assembly Award Winners	
Piano 300 Celebration PTG Foundation Matching Grant	Zeringue, Nolan
Pitch Floating	Todd, Swafford, Rose
Plate Location Holes	LaFargue, Dove, Steve--Steinway
Promoting the Guild -- Sid Stone Style	Larudee, Paul
PTG/PTGFÖOne in the Same	Tremper, Fred
Randy Potter Reception, Sid Stone Business Card Display, Exams	
Renewal in a New Era	Hall, Dan
Ron Coners--Learning From The Masters	Brady, Steve
Sagging Center String	Carwithen, Jankura, Hollinger
Sagging Center String	Formsma, Blee, Pearson
Smith, Sheldon D.	
Staying With It	Brady, Steve
Steinway & Sons Reception, Young Chang Reception	
Tax Angles for Donations	
Thank You PTG	Preuitt, Ernest
Treble String Follow	Krauss, Peter

KEYWORDS:

1999 in Mananatsu, a look at piano factory construction techniques, action-center to knuckle distance, bedding keyframe, Byrkit, CA glue on loose tuning pins, Calcote, Caldwell, can dress V bar without restringing in small sections with emery cloth, catalog of piano garbage with diagnoses & remedies: partials, change with Renner wippens and install capstans rocker-arm action set screws, Changes & Clarifications to the 1999 Membership Directory, Congratulations Emil Fries Piano Hospital & Training Center for 50 Years of Service, cut slot on dummy tuning pin for easy removal of new string coil when replacing broken strings, cutting notches in bridge recapping cutting bass

KEYWORDS (CONT.)

bevels, Davis, determining average pitch of piano and tuning it there, Exams, F. Kelso, false false-beaters (ceiling fans), floating pitch, Franz Mohr, Gales, George, give appreciated property PTGF, give through a life income gift, glide bolts--slight adjustment can quickly give pianist slightly more or less aftertouch, hammer width, has renegotiated convention room rates, how Ron Coners got into piano work and eventually Chief Concert Technician for Steinway, Ink Eraser for Cleaning Strings, International Association of Piano Builders and Technicians May 29, Japan Ralph Long Neri Band Kawai Ryuyo Piano Factory, John Dewey's tip on centering holes can be applied to enlarging any hole such as converting Steinway grand trap lever pivot holes to nylon bushed, Jr., Kansas City Closes out the Millennium with a Bang!, Ken Burton Different Strokes, key ratio, Lehr, lift and tap method, moving capstans and wippen heels, Nebraska Chapter celebrates 36th birthday: Some, new executive director ED Dan Hall introduces himself, no evolution from primitive to superior--only changes, photo essay of Kansas City 1999 convention classes, photo essay of Kansas City 1999 convention Cybercafe, photo essay of Kansas City 1999 convention Exhibitors @ KC, photo essay of Kansas City 1999 convention Faces in the Crowd, photo essay of Kansas City 1999 convention Golden Hammer Award, photo essay of Kansas City 1999 convention Home Office & Museum, photo essay of Kansas City 1999 convention in Council and Institute, photo essay of Kansas City 1999 convention Kawai Reception Judith Cohen Yamaha Reception, photo essay of Kansas City 1999 convention Opening Assembly Award Winners, photo essay of Kansas City 1999 convention Randy Potter Reception, photo essay of Kansas City 1999 convention Steinway & Sons Reception, Piano 300 Celebration PTG Foundation Matching Grant, pitch drops on pitch raise, pitting Equal Temperament against various historical temperaments, plate location holes on Crown Jewel Steinway found to be a little off, PTG Foundation is tax exempt, PTGA Scholarship winners and recital Kristin Jonina Taylor and Conrad Hulme, purpose, questions about overpull and hammer technique, results in breakage and instability, ringing duplexes overcentering late-lifting damper, sales & property exemptions, saved members and PTG money, Sheldon D., Sid Stone Business Card Display, Sid Stone give stewardess piano key necktie, Smith, Smithsonian display, Steinway replies on plate and soundboard fitting sequence in factory, thanks from Ernie Preuitt for Golden Hammer Award Keith Bowman, treble wire cuts notches into V-bars, tune-offs not valid, unusual wippen/capstan configuration on a George Steck 8' 9 grand, vary other work with tuning to avoid burnout, Vernon, visit to Yamaha piano factories in Japan, voicing technique, West, Young Chang Reception

November 1999

CD# 4

Articles

TITLE	AUTHOR
A Guide to Bridge Recapping--Part IX	Hohf, Robert
An Essay on the History of Tuning-- Part XIII	Becker, Skip
An Open Letter to Bass-String Manufacturers	Garrett, Joe
Another Use for Spring Clamps	Kline, Susan
Back In Time	Tremper, Phyllis
Cleaning Lacquer On Brass Parts	Buyce, Harry
Ear Training: We Get Rhythmic	Sutton, Ed
Forgy, Paul	
Hurricanes in NC Devastate PTG Members	Wigent, Don
Mold Release	Gallaway, Kent
More Muting Tips	Hebert, Leonard
More On The Battle of the Temperaments	Radford, Carl
Now I've Heard Everything	Brady, Steve
Pinblock Drilling	Trout, Panaccione, Fandrich
Planning for Retirement	Blees, Willem
Real Business in China	Schroeder, Stephen
Removing Sharps & Matching Naturals	Fortiner, Gunderson, Nichols
Restoring a Finish	Jankura, Mahard, Trischetta
Some Thoughts About Let-Off	Davenport, Richard
The NeverTune Piano	Hollinger, Jolly, Reinhardt
The Human Ear: The Limits of Accuracy	Smith, Virgil
Who's Number 1?	Hall, Dan

KEYWORDS:

advice on how to drill a pinblock, also resonance color, auxiliary scholarship Hurrican Floyd, available from Defender, discussion is good but competition is not, ear can hear natural beats and correct pitch which machine cannot, even if a piano seems to hold tune well for 10 years, exciting time, flat soundboard cleaning steel bent in U-shape with action cloth glued to mute strings around plate struts, Forgy, Haydn An Essay on the History of Tuning-- Part XIII, hearing beats, how to clean polish old alligatored shellac fininsh Soilax and 0000 steel wool turpentine & boiled linseed oil & vinegar, how to match replacement plastic keytops Vagias Ventures, how to remove black keytops without splintering wood, Howard Refinisher Old English, Hurricanes in NC Devastate PTG Members, increase PTG membership, it should still see yearly service, leadership listen to members, making new damper guide rails, members offer creative ideas for improvements, methods for determining the value of a service business selling your business retirement renting pianos for retirement income, paper patterns, Paul, polyvinylalcohol works well as mold release, replacement bass strings generally are not accurate and most bass string manufacturers do value accuracy, scale sticks, Schroeder's Pianos in Paramount CA Perry Mr. Bao China International Exhibition of Pro Audio CALM Expo '99, Some Thoughts About Let-Off, spring clamps used as stand to hold music desk on edge during repair, stories about cabinet maker and plumber completely disassembling a Chickering grand to refinish, story of a deaf tuner, the different temperaments are a matter of personal taste and appropriateness for certain music, tuning is only one component of service Total Piano Maintenance, use spray oven cleaner to remove lacquer off of brass parts, warmth and brightness

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The State of Pianos in France	Turner, Craig
Touchweight & Friction	Stern, Mark
Use the Expensive Tape	Carter, Gina

KEYWORDS:

a recent trip to France to see pianos in stores and museums piano techers earn more, account for some of the difference between up-weight and downweight, Andreas Streicher piano shop in Vienna Beethoven, Ben Marcato emphasizing basic skill, but rather a couple of hammer shanks, cheap tape leaves gunk clean with GoofOff, cleaning soundboards beyond just removing loose dirt wet solution The Original Dobie Cleaning Pad by Scotch-Brite, convention highlights, depends, ETD users must learn and use aural skills, give as wise tax planning give idle assets Pris Chansky contracted to provide fundraising services to PTGF, increasing hearing awareness, life is tough enough--we ought to help others through it Paderewski story, not just friction, people can play musical instruments long after the knees give out, Peterson AutoStrobe used by tuning fork manufacturers Riverbank Laboratories and Gardner Products, piano chopped down to fit available space, PTGF National Piano Travelers Association Marshall Hawkins Henry Steinway Nikolaus Schimmel Henry Heler, replacing hexagonal-sided capstans found on earlier Steinway grands tool and technique, solid tuning, Special key ring for piano keys, splicing wire organized in plastic parts box, techniques for using piano tilters, vector analysis shows that energy losses, wait how long after new piano delivery for acclimate to new surroundings before first tuning? 72 hours to several weeks, when moving grand just a short distance don't use dolly under skidboard, when taping a microphone to piano use highest professional grade gaffer's tape