

More Committees Named

AS a follow-up to committee appointments announced in the June and July 1953 issues of the Journal, Procter Thomson, president of the American Oil Chemists' Society, has confirmed the names of these members and their duties:

Abstracts for Journal: E. S. Lutton, chairman, Procter and Gamble Company, Cincinnati, O.

R. L. Broadhead, S. C. Johnson and Son Inc., Racine, Wis.
S. A. Harrison, General Mills Inc., Minneapolis, Minn.

Sin'itiro Kawamura, Kagawa Agricultural College, Kagawa-ken, Japan

F. A. Kummerow, University of Illinois, Urbana, Ill.

Lenore Petchaft, Armour Auxiliaries, Chicago, Ill.

R. W. Planck, Southern Regional Research Laboratory, New Orleans, La.

Dorothy M. Rathmann, Mellon Institute, Pittsburgh, Pa.

Education: G. A. Crapple, chairman, Wilson and Company, Chicago, Ill.

W. C. Ault, Eastern Regional Research Laboratory, Philadelphia, Pa.

A. R. Baldwin, Corn Products Refining Company, Argo, Ill.

J. P. Harris, John P. Harris Inc., Chicago, Ill.

H. R. Kraybill, American Meat Institute Foundation, Chicago, Ill.

N. A. Ruston, Emery Industries Inc., Cincinnati, O.

M. L. Sheely, Armour Auxiliaries, Chicago, Ill.

L. L. Sutker, Wilson-Martin Company, Philadelphia, Pa.

D. H. Wheeler, General Mills Inc., Minneapolis, Minn.

Fat Analysis: V. C. Mehlenbacher, chairman, Swift and Company, Chicago, Ill.

A. R. Baldwin, Corn Products Refining Company, Argo, Ill.
R. W. Bartlett, Barrow-Agee Laboratories Inc., Memphis, Tenn.

E. W. Blank, Colgate-Palmolive Company, Jersey City, N. J.

E. L. Boley, Armour Auxiliaries, Chicago, Ill.

D. S. Bolley, Baker Castor Oil Company, Bayonne, N. J.

H. M. Boyd, General Mills, Minneapolis, Minn.

L. R. Brown, A. E. Staley Manufacturing Company, Decatur, Ill.

W. H. Clendenin, New Philadelphia, O.

B. F. Daubert, Koppers Company Inc., Pittsburgh, Pa.

R. A. Decker, Armour and Company, Chicago, Ill.

F. G. Dollear, Southern Regional Research Laboratory, New Orleans, La.

F. R. Earle, Northern Regional Research Laboratory, Peoria, Ill.

J. P. Hewlett Jr., HumKo Company, Memphis, Tenn.
Potter Holmes, South Texas Cotton Oil Company, Houston, Tex.

H. T. Iveson, Glidden Company, Chicago, Ill.

H. N. Keese, Mrs. Tucker's Products, Sherman, Tex.

Gardner Kirsten, U. S. Food and Drug Administration, New York City

J. C. Konen, Archer-Daniel-Midland Company, Minneapolis, Minn.

H. J. Lanson, General Electric Company, Schenectady, N. Y.

C. P. Long, Procter and Gamble Company, Ivorydale, O.

W. O. Lundberg, Hormel Institute, Austin, Minn.

R. A. Marmor, Pillsbury Mills Inc., Minneapolis, Minn.

J. E. Maroney, American Meat Institute Foundation, Chicago, Ill.

Harold Matthews, Lever Brothers Company, Edgewater, N. J.

W. G. McLeod, W. C. Hardesty Company Inc., Dover, O.

Wales Newby, Opelousas Oil Refinery, Opelousas, La.

Francis Scofield, National Paint, Varnish, and Lacquer Association, Washington, D. C.

A. B. Scott, Sherwin-Williams Company, Chicago, Ill.

H. A. Schuette, University of Wisconsin, Madison, Wis.

Stanley Sivertsen, Armour and Company, Chicago, Ill.

F. D. Snell, Foster D. Snell Inc., New York City

H. T. Spannuth, Wilson and Company, Chicago, Ill.

R. C. Stillman, Procter and Gamble Company, Ivorydale, O.

S. E. Tierney, Swift and Company, Chicago, Ill.

J. L. Trauth, Emery Industries Inc., Cincinnati, O.

R. E. Wiech, A. Gross and Company, Newark, N. J.

F. C. Woelke, G. W. Gooch Laboratories, Los Angeles, Calif.

Determination of Unsaponifiable Matter: R. C. Stillman, chairman, C. P. Long, alternate, E. W. Blank, R. A.

Decker, Gardner Kirsten, J. E. Maroney, Harold Matthews

Determination of Moisture: Harold Matthews, chairman, E. L. Boley, F. G. Dollear, F. R. Earle, R. C. Stillman

Analysis of Drying Oils: J. C. Konen, chairman, E. L. Boley, D. S. Bolley, H. J. Lanson, Francis Scofield, A. B. Scott

Analysis of Lecithin: H. T. Iveson, chairman, E. W. Blank, L. R. Brown, J. C. Konen

Determination of Peroxides in Fats and Oils: B. F. Daubert, chairman, R. A. Decker, W. O. Lundberg, V. C. Mehlenbacher, H. A. Schuette

Study of FAC Color Standards: E. W. Blank, chairman, J. E. Maroney, V. C. Mehlenbacher, Harold Matthews, H. A. Schuette, H. T. Spannuth, F. C. Woelke

Determination of the Closed Cup Flash Point: D. S. Bolley, chairman, H. T. Iveson, J. C. Konen, V. C. Mehlenbacher, R. C. Stillman

Determination of Free Fatty Acids: W. O. Lundberg, chairman, Gardner Kirsten, H. A. Schuette, Francis Scofield

Continuous Flow Method of Sampling: L. R. Brown, chairman, A. R. Baldwin, H. T. Iveson, H. T. Spannuth, F. C. Woelke

Determination of Congeal Point: V. C. Mehlenbacher, chairman, R. A. Decker, Potter Holmes, H. N. Keese, H. T. Spannuth

Determination of Fat Stability: Wales Newby, chairman, R. W. Bartlett, F. G. Dollear, J. P. Hewlett Jr., R. A. Marmor, S. E. Tierney

Analysis of Commercial Fatty Acids: J. L. Trauth, chairman, H. M. Boyd, W. H. Clendenin, W. G. McLeod, V. C. Mehlenbacher, Stanley Sivertsen, R. E. Wiech

Membership: C. E. Morris, chairman, Armour and Company, Chicago, Ill.

G. C. Henry, Law and Company, Atlanta, Ga.

E. B. Kester, Western Regional Research Laboratory, Albany, Calif.

J. C. Konen, Archer-Daniels-Midland Company, Minneapolis, Minn.

G. A. O'Hare, Congoleum-Nairn Inc., Kearny, N. J.

F. B. White, Foster Wheeler Corporation, New York City

T. H. Hopper, Southern Regional Research Laboratory, New Orleans, La., *ex officio*

Associates: Allan Altman, M. B. Case, R. W. Harrison, A. A. Kramer, F. A. Kummerow, F. W. Quackenbush, R. W. Riemenschneider, T. M. Rinehart, M. K. Schwitzer, S. P. Taylor, T. C. Towler, E. J. Wallen

Nominating and Election: E. M. James, chairman, Lever Brothers Company, New York City

C. L. Hoffpauir, Southern Regional Research Laboratory, New Orleans, La.

G. A. O'Hare, Congoleum-Nairn Inc., Kearny, N. J.

A. D. Rich, Filtrol Corporation, Los Angeles, Calif.

N. W. Ziels, Lever Brothers Company, Hammond, Ind.

Oil Color: R. C. Stillman, chairman, Procter and Gamble Company, Ivorydale, O.

G. W. Agee, Barrow-Agee Laboratories Inc., Memphis, Tenn.

R. J. Buswell, Armour and Company, Chicago, Ill.

W. T. Coleman, Western Cottonoil Company, Abilene, Tex.

M. W. Formo, Archer-Daniels-Midland Company, Minneapolis, Minn.

Seymore Goldwasser, Lever Brothers Company, Edgewater, N. J.

D. L. Henry, Law and Company, Atlanta, Ga.

Duncan Macmillan, Northern Regional Research Laboratory, Peoria, Ill.

E. J. Mallen, Filtrol Corporation, Los Angeles, Calif.

C. L. Manning, Fort Worth Laboratories, Fort Worth, Tex.

V. C. Mehlenbacher, Swift and Company, Chicago, Ill.

R. T. O'Connor, Southern Regional Research Laboratory, New Orleans, La.

R. C. Pope, Pope Testing Laboratories, Dallas, Tex.

L. K. Whyte, Colgate-Palmolive Company, Kansas City, Kans.

Refining and Bleaching: T. C. Smith, chairman, Central Soya Company Inc., Decatur, Ind.

Refining: G. W. Holman, chairman, Procter and Gamble Company, Ivorydale, O.

P. W. Bateman, A. E. Staley Manufacturing Company, Decatur, Ill.

O. J. Fiala, Durkee Famous Foods, Louisville, Ky.
 M. W. Formo, Archer-Daniels-Midland Company, Minneapolis, Minn.
 D. L. Henry, Law and Company, Atlanta, Ga.
 E. M. James, Lever Brothers Company, New York City
 A. A. Kiess, Armour and Company, Chicago, Ill.
 R. R. King (H. N. Keesee, alternate), Mrs. Tucker's Products, Sherman, Tex.
 N. F. Kruse, Central Soya Company Inc., Decatur, Ind.
 W. C. Loy, Wilson and Company, Chicago, Ill.
 J. R. Mays Jr., Barrow-Agee Laboratories Inc., Memphis, Tenn.
 H. S. Mitchell (V. C. Mehlenbacher, alternate), Swift and Company, Chicago, Ill.
 E. H. Tenent Sr., Woodson-Tenent Laboratories, Memphis, Tenn.

Bleaching Methods: E. B. Freyer, chairman, Spencer Kellogg and Sons Inc., Buffalo, N. Y.
 P. W. Bateman, A. E. Staley Manufacturing Company, Decatur, Ill.
 G. H. Benck, Filtrol Corporation, Los Angeles, Calif.
 G. F. Clark Jr., Bennett-Clark Company, Nacogdoches, Tex.
 R. T. Clause, Procter and Gamble Company, Ivorydale, O.
 W. T. Coleman, Western Cottonoil Company, Abilene, Tex.
 D. L. Henry, Law and Company, Atlanta, Ga.
 K. E. Holt, Archer-Daniels-Midland Company, Minneapolis, Minn.
 H. E. Seestrom, Mrs. Tucker's Products, Sherman, Tex.
 G. R. Thompson, Southern Cotton Oil Company, Savannah, Ga.

Soapstock Analysis: J. L. Trauth, chairman, Emery Industries Inc., Cincinnati, O.
 E. W. Blank, Colgate-Palmolive Company, Jersey City, N. J.
 M. W. Formo, Archer-Daniels-Midland Company, Minneapolis, Minn.
 J. J. Ganucheau, Southern Cotton Oil Company, New Orleans, La.
 D. L. Henry, Law and Company, Atlanta, Ga.
 J. P. Hughes, Mrs. Tucker's Products, Sherman, Tex.
 F. W. Keith Jr., Sharples Corporation, Philadelphia, Pa.
 B. N. Rockwood, Swift and Company, Chicago, Ill.
 Stanley Sivertsen, Armour and Company, Chicago, Ill.
 Procter Thomson, Procter and Gamble Company, Ivorydale, O.

Spectroscopy: R. T. O'Connor, chairman, Southern Regional Research Laboratory, New Orleans, La.
 S. F. Herb, Eastern Regional Research Laboratory, Philadelphia, Pa.
 M. W. Formo, Archer-Daniels-Midland Company, Minneapolis, Minn.
 Seymore Goldwasser, Lever Brothers Company, Edgewater, N. J.
 Joseph McLaughlin Jr., Walter Reed Army Medical Center, Washington, D. C.
 B. N. Rockwood, Swift and Company, Chicago, Ill.
 R. C. Stillman, Procter and Gamble Company, Ivorydale, O.
 Hans Wolff, A. E. Staley Manufacturing Company, Decatur, Ill.

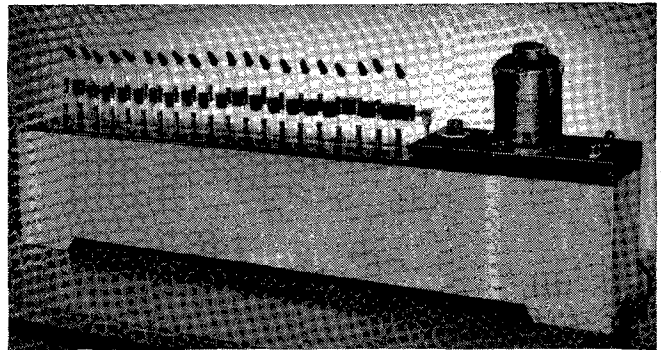
E. A. Lawrence, Colgate-Palmolive Company, Jersey City, N. J., has been named as a representative to the Inter-Society Color Council, thus completing the appointments listed on page 28 of the June 1953 issue of the *Journal of the American Oil Chemists' Society*.

New Viscosity Standard Adopted

As of July 1, 1953, the National Bureau of Standards has adopted the value of 0.01002 poise for the absolute viscosity of water at 20°C. as the primary standard for the calibration of standard viscosity samples and viscometers. The date originally proposed for this change was July 1, 1952, but, at the request of the American Society for Testing Materials and the International Organization for Standardization, the adoption of the new value for water was deferred for one year so that the ASTM and ISO members could make the change simultaneously with NBS. The ASTM, the National Physical Laboratory in England, and the Physikalisches-Technisches Bundesanstalt in Germany had indicated that they would also adopt the value of 0.01002 poise on July 1, 1953.

SARGENT FAT STABILITY APPARATUS

High Operating temperatures — 95° to 115° C.
Uniform temperature.
Air pre-heating prevents sample cooling.



Designed and manufactured by E. H. Sargent & Co., this apparatus is for use in the determination of relative stability or keeping quality of lards, fats and oils, based on the formation of peroxides and aldehydes in the process of oxidative decomposition.

The Sargent fat stability apparatus consists of a thermostatically controlled heating bath which maintains the sample at operating temperature; a pre-heating and distribution system to condition and regulate the air passing through the sample; and twenty aeration tubes.

The mineral oil heating bath is contained in a sheet metal tank and is heated by three electrical immersion heaters supplying, respectively, auxiliary power for rapid attainment of operating temperature, constant power to supply in part that heat normally lost through conduction and radiation, and intermittent heat to an extent determined by a bimetallic thermoregulator. Circulation of the oil to ensure uniformity of temperature throughout the bath is accomplished through a centrifugal immersion pump. Operating temperature may be adjusted over the range of 95° to 115° C with a regulation of $\pm 0.1^\circ$ C.

A one-half inch black plastic cover is equipped with a suspended rack for positioning of the twenty sample tubes.

The air distribution system consists of a metal manifold suspended from the cover so that it is surrounded by the heating medium. Outlet tubulatures extend through the cover to each sample position and are connected to the aeration tubes by segments of Neoprene rubber tubing through capillary orifices standardized at 2.33 milliliters of air per second. Inlet to the manifold is through a one-fourth inch diameter metal tube, forty inches of which are immersed in the heating bath and which terminates in a tee connection at the cover.

Pressure regulation is accomplished by attaching two 50 x 375 mm pressure regulating cylinders to one-half of the tee inlet connection, the other half of which is attached to the air pressure source or gas purification train. Adjustment of air flow is preferably made by means of a wet test meter.

Aeration tubes are 25 x 200 mm, Pyrex brand test tubes equipped with rubber stoppers carrying inlet and outlet tubes oriented for convenience in connection to the manifold and possible organoleptic testing. Rubber covers are provided for each outlet tube to prevent passage of air prior to the testing cycle and to exclude dust.

Length, 42 inches; width, 7½ inches; total height, 14¼"; maximum power consumption, 1100 watts.

S-63940 OIL STABILITY APPARATUS — Fat, Peroxide Method, Thermostatic, Electric. Complete with twenty aeration tubes, capillary orifices, pressure regulating columns and cord and plug for attachment to standard outlets but without wet test meter or gas purification train. For operation from 115 volt, 60 cycle A.C. circuits.....**\$400.00**

SARGENT

NEW SARGENT CATALOG NOW AVAILABLE

SCIENTIFIC LABORATORY INSTRUMENTS · APPARATUS · SUPPLIES · CHEMICALS
 E. H. SARGENT & COMPANY, 4647 W. FOSTER AVE., CHICAGO 30, ILLINOIS
 MICHIGAN DIVISION, 1959 EAST JEFFERSON STREET, DETROIT 7, MICHIGAN
 SOUTHWESTERN DIVISION, 5915 PEELER STREET, DALLAS 9, TEXAS