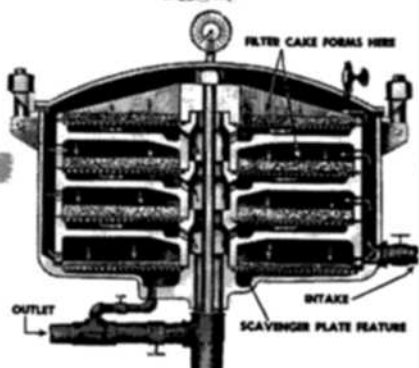


Last Drop filtration of chemicals with . . .

SPARKLER Horizontal Plate FILTERS



..... any liquid from light alcohols to heavy varnishes.

Complete recovery of product is obtained by "wash through" or "blow down" of cake without removal from filter. The Sparkler scavenger plate acts as an auxiliary filter, with independent control valve filtering each batch down to the "last drop", leaving no holdover. Uniform density and firmness of the Sparkler cake on horizontal plates permit this easy method of complete recovery of product.

The horizontal plate principle of filtering chemicals provides complete flexibility and uniform dependable results. When diatomaceous filter aid is used it forms a pure silica sieve of uniform microsize mesh. Other filter media form a similar firm filter cake on the Sparkler horizontal plates. Flow is always *with* gravity. The horizontal position of the built-up cake prevents slipping or cracking either with continuous or intermittent flow.

Available in two plate depths, Sparkler construction provides deep plates for liquids carrying a large proportion of solids. Sparkler shallow plates for use on liquids carrying only a small proportion of solids provide a larger filtering area within the same size tank.

All Sparkler filters, even the large sizes, can be furnished with a portable base. Standard models available in capacities of 50 G.P.H. to 5000 G.P.H.

Sparkler filtration is Engineered Filtration—we invite correspondence on your problems. You will receive the advice of filtration engineers with a quarter of a century of experience in a specific field.

SPARKLER MANUFACTURING COMPANY
Mundelein, Illinois

1948-49 Committees

IN ACCORDANCE with custom the new president of the American Oil Chemists' Society, C. P. Long of Procter and Gamble Company, Cincinnati, has been busy in the weeks since the May election setting up technical and administrative committees for his term of office. This issue and later issues of the Journal will therefore carry announcement of such appointments. Some time in the fall, when the committee roster has been completed, the annual edition of the membership directory will be published and list all the committees. To date the following announcements are ready:

Education

- J. P. Harris, chairman, Industrial Chemical Sales, division of West Virginia Pulp and Paper Company, Chicago, Ill.
- A. R. Baldwin, Corn Products Refining Company, Argo, Ill.
- R. R. King, Mrs. Tucker's Foods inc., Sherman, Tex.
- H. R. Kraybill, American Meat Institute, Chicago, Ill.
- R. T. Milner, Northern Regional Research Laboratory, Peoria, Ill.

Fat and Oil Analysis

- V. C. Mehlenbacher, chairman, Swift and Company, Chicago, Ill.
- A. R. Baldwin, Corn Products Refining Company, Argo, Ill.
- E. W. Blank, Colgate-Palmolive-Peet Company, Jersey City, N. J.
- E. L. Boley, Armour Soap Works, Chicago, Ill.
- D. S. Bolley, National Lead Company, Brooklyn, N. Y.
- L. R. Brown, A. E. Staley Manufacturing Company, Decatur, Ill.
- C. A. Coffey, Sherwin-Williams Company, Chicago, Ill.
- G. A. Crapple, Wilson and Company, Chicago, Ill.
- George Crump, Standard Margarine Company, Indianapolis, Ind.
- H. T. Iveson, Glidden Company, Chicago, Ill.
- F. G. Dollear, Southern Regional Research Laboratory, New Orleans, La.
- Jacob Fitelson, Food and Drug Administration, New York City
- J. K. Gunther, Central Soya Company inc., Decatur, Ind.
- J. C. Konen, Archer-Daniels-Midland Company, Minneapolis, Minn.
- M. L. Laing, Armour and Company, Chicago, Ill.
- C. P. Long, Procter and Gamble Company, Ivorydale, Ohio
- W. O. Lundberg, Hormel Institute, Austin, Minn.
- J. E. Maroney, American Meat Institute, Chicago, Ill.
- R. T. Milner, Northern Regional Research Laboratory, Peoria, Ill.
- L. B. Parsons, Lever Brothers Company, Cambridge, Mass.
- H. A. Schuette, University of Wisconsin, Madison, Wis.
- Francis Scofield, National Paint, Varnish and Lacquer Assn., Washington, D. C.
- F. C. Woekel, G. W. Gooch Laboratories, Los Angeles, Calif.

Subcommittees

Determination of Unsaponifiable Matter

- | | |
|----------------------|--------------------|
| C. P. Long, chairman | E. W. Blank |
| J. Fitelson | V. C. Mehlenbacher |
| M. L. Laing | J. E. Maroney |
| L. B. Parsons | |

Determination of Thiocyanogen Value

- | | |
|------------------------|--------------------|
| R. T. Milner, chairman | L. B. Parsons |
| F. G. Dollear | E. L. Boley |
| C. P. Long | V. C. Mehlenbacher |

Analysis of Drying Oils

- | | |
|-----------------------|------------------|
| J. C. Konen, chairman | Francis Scofield |
| D. S. Bolley | E. L. Boley |
| C. A. Coffey | |

Separation of Liquid and Solid Fatty Acids

- | | |
|-------------------------|--------------------|
| F. G. Dollear, chairman | G. A. Crapple |
| R. T. Milner | V. C. Mehlenbacher |
| J. E. Maroney | |

Referee Examining Board

- A. S. Richardson, chairman, Procter and Gamble Company, Chicago, Ill.
 G. W. Agee, Barrow-Agee Laboratories inc., Memphis, Tenn.
 J. P. Harris, Industrial Chemical Sales, division of West Virginia Pulp and Paper Company, Chicago, Ill.
 R. R. King, Mrs. Tucker's Foods inc., Sherman, Texas

Smalley Foundation

- R. W. Bates, chairman, Armour and Company, Chicago, Ill.
 R. T. Doughtie, Box 187, Memphis, Tenn.
 A. S. Richardson, Procter and Gamble Company, Ivorydale, Ohio
 Francis Scofield, National Paint, Varnish, and Lacquer Asso., Washington, D. C.

Subcommittees

Oil Seed Meal

- | | |
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| R. R. Haire | H. C. Black |
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Crude Vegetable Oils

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Oil Seeds

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| E. R. Hahn | |

Drying Oils

- | | |
|----------------------------|---------------|
| Francis Scofield, chairman | J. C. Konen |
| E. S. Bolley | R. L. Terrill |

Spectroscopy

- R. C. Stillman, chairman, Procter and Gamble Company, Ivorydale, Ohio
 B. W. Beadle, American Meat Institute, Chicago, Ill.
 B. F. Daubert, University of Pittsburgh, Pittsburgh, Pa.
 R. H. Ferguson, Procter and Gamble Company, Ivorydale, Ohio

- R. T. Milner, Northern Regional Research Laboratory, Peoria, Ill.
 R. T. O'Connor, Southern Regional Research Laboratory, New Orleans, La.

Uniform Methods

- R. R. King, chairman, Mrs. Tucker's Foods inc., Sherman, Texas
 J. T. R. Andrews, Procter and Gamble Company, Ivorydale, Ohio
 M. M. Durkee, A. E. Staley Manufacturing Company, Decatur, Ill.
 J. J. Ganuchau, Southern Cotton Oil Company, Gretna, La.
 T. H. Hopper, Southern Regional Research Laboratory, New Orleans, La.
 T. C. Law, Law and Company, Atlanta, Ga.
 L. B. Parsons, Lever Brothers Company, Cambridge, Mass.

T. H. Hopper was named chairman of the 1949 spring meeting in New Orleans on May 9-12 at the Roosevelt hotel. For the 1950 choice of convention city a special committee has been appointed to bring in recommendations: J. R. Mays, Jr., Memphis, chairman; J. A. Kime, New Orleans; H. D. Fincher, Houston, Tex.; E. C. Ainslie, Atlanta, Ga.; and A. E. MacGee, Kansas City, Mo.

REFEREE APPLICATION

APPLICATION FOR REFEREE CERTIFICATE. (*First Notice*). P. L. Phillips, Barrow-Agee Laboratories, Decatur, Ala., has applied for a Referee Certificate on cottonseed and on oil-cake and meal. Information from any member of the American Oil Chemists' Society on the qualifications of this applicant will be gladly received by the Referee Board and may be addressed to A. S. Richardson, M. A. & R. Bldg., Ivorydale 17, Ohio.

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Analysis of Lecithin

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L. R. Brown
E. W. Blank
J. C. Konen

George Crump
H. T. Iveson
V. C. Mehlenbacher

Determination of Peroxides in Fats and Oils

A. R. Baldwin, chairman
W. O. Lundberg
H. A. Schuette

M. L. Laing
V. C. Mehlenbacher

Study of F.A.C. Color Standards

E. W. Blank, chairman
L. B. Parsons
V. C. Mehlenbacher
F. C. Woekel

G. A. Crapple
J. E. Maroney
H. A. Schuette

Gossypol

E. H. Tenent, chairman, Woodson-Tenent Laboratories, Memphis, Tenn.
W. T. Coleman, West Texas Cotton Oil Company, Abilene, Texas
V. C. Mehlenbacher, Swift and Company, Chicago, Ill.
T. L. Rettger, Buckeye Cotton Oil Company, Memphis, Tenn.
E. W. Sewell, Procter and Gamble Company, Ivorydale, Ohio
K. A. Kinken, A. & M. College, College Station, Texas

Membership

V. C. Mehlenbacher, chairman, Swift and Company, Chicago, Ill.
Allan Altman, Lookout Oil and Refining Company, Chattanooga, Tenn.
D. S. Bolley, National Lead Company, Brooklyn, N. Y.
H. E. de Bussieres, Curtis and Tompkins Ltd., San Francisco, Calif.
R. L. Edwards, Distillation Products inc., Rochester, N. Y.
P. A. Williams, South Texas Cotton Oil Company, Houston, Texas
H. L. Roschen, secretary of the Society, Swift and Company, Chicago, Ill.

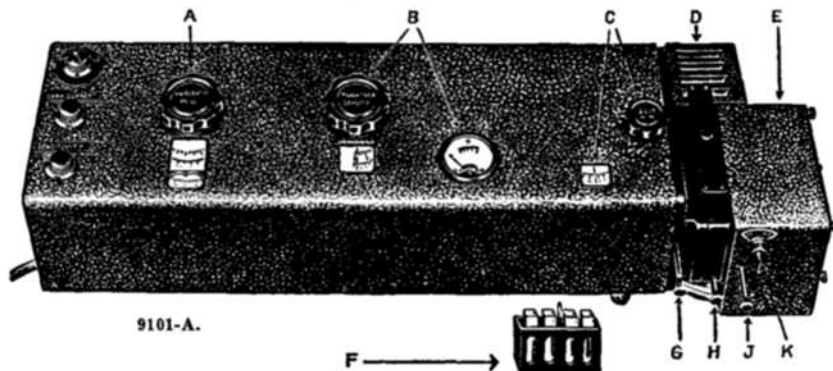
Nomination and Election

R. T. Milner, chairman, Northern Regional Research Laboratory, Peoria, Ill.
E. C. Ainslie, Buckeye Cotton Oil Company, Atlanta, Ga.
E. M. James, Lever Brothers Company, Cambridge, Mass.
A. E. MacGee, Skelly Oil Company, Kansas City, Mo.
J. L. Schille, Best Foods inc., Chicago, Ill.

Oil Color

G. Worthen Agee, chairman, Barrow-Agee Laboratories inc., Memphis, Tenn.
Morden G. Brown, American Optical Company, Buffalo, N. Y.
R. J. Buswell, Armour Laboratories, Chicago, Ill.
H. E. Corman, Canada Packers Ltd., Toronto, Ont.
E. B. Freyer, Spencer Kellogg and Sons inc., Buffalo, N. Y.
J. J. Ganucheau, Southern Cotton Oil Company, Gretna, La.
K. S. Gibson, National Bureau of Standards, Washington, D. C.
N. C. Hamner, Southwestern Laboratories, Dallas, Texas
D. L. Henry, Law and Company, Atlanta, Ga.
Duncan Macmillan, Northern Regional Research Laboratory, Peoria, Ill.
Ralph A. Marmor, A. E. Staley Manufacturing Company, Decatur, Ill.
T. J. Potts, Ralston Purina Company, St. Louis, Mo.
B. N. Rockwood, Swift and Company, Chicago, Ill.
W. H. Schmidt, Lever Brothers Company, Edgewater, N. J.
Francis Scofield, National Paint, Varnish, and Lacquer Association, Washington, D. C.
E. O. Seabold, Humko Company, Memphis, Tenn.
S. O. Sorensen, Archer-Daniels-Midland Company, Minneapolis, Minn.
H. T. Spanuth, Wilson and Company, Chicago, Ill.
R. C. Stillman, Procter and Gamble Company, Ivorydale, Ohio
Procter Thomson, Procter and Gamble Company, Ivorydale, Ohio
F. W. Wharton, Mrs. Tucker's Foods inc., Sherman, Texas
L. K. Whyte, Colgate-Palmolive-Peet Company, Kansas City, Kan.

BECKMAN QUARTZ SPECTROPHOTOMETER



A, Wavelength Scale; B, Built-in Electronic Indicating Meter; C, Slits; D, Light Source; E, Phototube Compartment; F, Absorption Cells in Holder; G, Filter Slide; H, Cell Compartment; J, Phototube Selector; and K, Switch for dark current.

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9101-B. Ditto, Model DUV, range 220 to 1000 m μ , identical with above but with the addition of ultraviolet accessories consisting of one pair of matched fused silica absorption cells for 10 mm liquid depth, hydrogen discharge lamp and power supply unit, 115 volts, 50/60 cycles, a. c. 1,250.00

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