The American Ceramic Society



PLAINTIFF'S EXHIBIT
07292.00

February 15, 1993

I hereby certify that the attached copies of Bulletin of the American Ceramic Society, Volume 9, 1930, are true and accurate copies, which are maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer

Christine Schnitzer
Product Manager
Ceramic Information Center

authentication info. for 7292 - 7292.52

735 Ceramic Place
Westerville, Ohio 43081-8720
614 • 890 • 4700
TWX: 7101109409

PLAINTIFF'S EXHIBIT
WV-002628

The American Ceramic Society

February 15, 1993

I hereby certify that the attached copies of **Bulletin of the American Ceramic Society, Volume 15, 1936**, are true and accurate copies, which are maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer
Product Manager
Ceramic Information Center

PLAINTIFF'S EXHIBIT

ALL-STATE LEGAL SUPPLY CO.

The American Ceramic Society

February 15, 1993

I hereby certify that the attached copies of **Bulletin of the American Ceramic Society, Volume 16, 1937**, are true and accurate copies, which are maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer

Christine Schnitzer
Product Manager
Ceramic Information Center

PLAINTIFF'S EXHIBIT

ALL-STATE LEGAL SUPPLY CO

The American Ceramic Society

February 26, 1993

I hereby certify that the attached copies of **American Ceramic Society Bulletin, Volume 18, 1939**, are true and accurate copies, which are maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer

Christine Schnitzer
Product Manager
Ceramic Information Center

735 Ceramic Place
Westerville, Ohio 43081-8720
614 • 890 • 4700
TWX: 7101109409

The American Ceramic Society

February 15, 1993

I hereby certify that the attached copies of **Bulletin of the American Ceramic Society, Volume 19, 1940**, are true and accurate copies, which are maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer
Product Manager
Ceramic Information Center

[illegible]
Westerville, Ohio 43081-8720
614-890-4700
TWX 7401409405

PLAINTIFF'S EXHIBIT

ALL-STATE LEGAL SUPPLY CO.

The American Ceramic Society

February 15, 1993

I hereby certify that the attached copies of **Bulletin of the American Ceramic Society, Volume 23, 1944**, are true and accurate copies, which are maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer

Christine Schnitzer
Product Manager
Ceramic Information Center

735 Ceramic Place
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614 · 890 · 4700
TWX: 7101109409

PLAINTIFF'S EXHIBIT
ALL-STATE LEGAL SUPPLY CO.

The American Ceramic Society

February 15, 1993

I hereby certify that the attached copies of **Bulletin of the American Ceramic Society, Volume 24, 1945**, are true and accurate copies, which are maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer

Christine Schnitzer
Product Manager
Ceramic Information Center

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614 · 890 · 4700
TWX: 7101109409

PLAINTIFF'S EXHIBIT

ALL-STATE LEGAL SUPPLY CO.

The American Ceramic Society

66694

February 18, 1994

I hereby certify that the attached copies of the American Ceramic Society Bulletin, Volume 25, 1946, are true and accurate copies, the original of which is maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer

Christine Schnitzer
Product Manager
Ceramic Information Center

735 Ceramic Place
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614 • 890 • 4700
TWX: 7101109409

The American Ceramic Society

February 15, 1993

I hereby certify that the attached copies of **American Ceramic Society Bulletin, Volume 26, 1947**, are true and accurate copies, which are maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schmitz

Christine Schmitzer
Product Manager
Ceramic Information Center

614/890-4700

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ALL-STATE LEGAL SUPPLY CO.

The American Ceramic Society





February 15, 1993

I hereby certify that the attached copies of American Ceramic Society Bulletin, Volume 27, 1948, are true and accurate copies, which are maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer

Christine Schnitzer
Product Manager
Ceramic Information Center

735 Ceramic Place
Westerville, Ohio 43081-8720
614 • 890 • 4700
TWX: 7101109409

LeLo96

The American Ceramic Society

February 18, 1994

I hereby certify that the attached copies of the American Ceramic Society Bulletin, Volume 28, 1949, are true and accurate copies, the original of which is maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer
Product Manager
Ceramic Information Center

735 Ceramic Place
Westerville, Ohio 43081-8720
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TWX: 7101109409

6698

The American Ceramic Society

February 10, 1994

I hereby certify that the attached copies of the American Ceramic Society Bulletin, Volume 29, 1950, are true and accurate copies, the original of which is maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer
Product Manager
Ceramic Information Center

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The American Ceramic Society



PLAINTIFF'S EXHIBIT

ALL-STATE LEGAL SUPPLY CO.

February 15, 1993

I hereby certify that the attached copies of American Ceramic Society Bulletin, Volume 30, 1951, are true and accurate copies, which are maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer

Christine Schnitzer
Product Manager
Ceramic Information Center

735 Ceramic Place
Westerville, Ohio 43081-8720
614 • 890 • 4700
TWX: 7101109409

6699

The American Ceramic Society

February 10, 1994

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Christine Schnitzer

Christine Schnitzer
Product Manager
Ceramic Information Center

735 Ceramic Place
Westerville, Ohio 43081-8720
614 • 890 • 4700
TWX: 7101109409

6700

The American Ceramic Society

February 10, 1994

I hereby certify that the attached copies of the **American Ceramic Society Bulletin**, Volume 31, 1952, are true and accurate copies, the original of which is maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer
Product Manager
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The American Ceramic Society

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Christine Schnitzer
Product Manager
Ceramic Information Center

735 Ceramic Place
Westerville, Ohio 43081-8720
614 • 890 • 4700
TWX: 7101109409

6702

February 10, 1994

I hereby certify that the attached copies of the Ceramic Abstracts, 1954, are true and accurate copies, the original of which is maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer

Christine Schnitzer
Product Manager
Ceramic Information Center

735 Ceramic Place
Westerville, Ohio 43081-8720
614-890-4700
FAX 614-899-6109

6709

The American Ceramic Society

February 10, 1994

I hereby certify that the attached copies of the Ceramic Abstracts, 1955, are true and accurate copies, the original of which is maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer
Product Manager
Ceramic Information Center

735 Ceramic Place
Westerville, Ohio 43081-8720
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TWX: 7101109409

6710

The American Ceramic Society

February 10, 1994

I hereby certify that the attached copies of the American Ceramic Society Bulletin, Volume 35, 1956, are true and accurate copies, the original of which is maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer
Product Manager
Ceramic Information Center

735 Ceramic Place
Westerville, Ohio 43081-8720
614 • 890 • 4700
TWX: 7101109409

6711

February 10, 1994

I hereby certify that the attached copies of the Ceramic Abstracts, 1956, are true and accurate copies, the original of which is maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer

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Ceramic Information Center

735 Ceramic Place
Westerville, Ohio 43081-8720
614-890-4700

6712

The American Ceramic Society

February 10, 1994

I hereby certify that the attached copies of the American Ceramic Society Bulletin, Volume 36, 1957, are true and accurate copies, the original of which is maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer
Product Manager
Ceramic Information Center

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Westerville, Ohio 43081-8720
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The American Ceramic Society

6713

February 10, 1994

I hereby certify that the attached copies of the **Ceramic Abstracts, 1957**, are true and accurate copies, the original of which is maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer

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TWX: 7101109409

6-714

February 10, 1994

I hereby certify that the attached copies of the Ceramic Abstracts, 1958, are true and accurate copies, the original of which is maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer

Christine Schnitzer
Product Manager
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The American Ceramic Society

6715

February 10, 1994

I hereby certify that the attached copies of the American Ceramic Society Bulletin, Volume 37, 1958, are true and accurate copies, the original of which is maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

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The American Ceramic Society



February 15, 1993

I hereby certify that the attached copies of **American Ceramic Society Bulletin, Volume 37, 1958**, are true and accurate copies, which are maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer
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Westerville, Ohio 43081-8720
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6717

The American Ceramic Society

February 10, 1994

I hereby certify that the attached copies of the Ceramic Abstracts, 1959, are true and accurate copies, the original of which is maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

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Product Manager
Ceramic Information Center

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The American Ceramic Society

February 15, 1993

I hereby certify that the attached copies of **American Ceramic Society Bulletin, Volume 40, 1961**, are true and accurate copies, which are maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

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6719

The American Ceramic Society

February 10, 1994

I hereby certify that the attached copies of the Ceramic Abstracts, 1962, are true and accurate copies, the original of which is maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer

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Ceramic Information Center

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The American Ceramic Society



February 15, 1993

I hereby certify that the attached copies of **American Ceramic Society Bulletin, Volume 42, 1963**, are true and accurate copies, which are maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

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Ceramic Information Center

735 Ceramic Place
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6720

February 10, 1994

I hereby certify that the attached copies of the Ceramic Abstracts, 1963, are true and accurate copies, the original of which is maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer

Christine Schnitzer
Product Manager
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Westerville, Ohio 43081-8720
[illegible]

6721

The American Ceramic Society

February 10, 1994

I hereby certify that the attached copies of the Ceramic Abstracts, 1964, are true and accurate copies, the original of which is maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer

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735 Ceramic Place
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6722

The American Ceramic Society

February 10, 1994

I hereby certify that the attached copies of the Ceramic Abstracts, 1966, are true and accurate copies, the original of which is maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer
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735 Ceramic Place
Westerville, Ohio 43081-8720
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6723

February 10, 1994

I hereby certify that the attached copies of the American Ceramic Society Bulletin, Volume 47, 1968, are true and accurate copies, the original of which is maintained in the normal course of business at the American Ceramic Society, 735 Ceramic Place, Westerville, Ohio 43081.

Christine Schnitzer
Product Manager
Ceramic Information Center

735 Ceramic Place
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614 • 890 • 4700
TWX: 7401109409

Bulletin *of the* American Ceramic Society

A Monthly Publication Devoted to Proceedings of the Society, Discussions of Plant Problems, Discussions of Technical, Scientific, and Art Questions and Promotion of Cooperative Research

VOLUME 9, 1930

Edited by the Secretary of the Society, Ross C. PURDY

Assisted by { EMILY C. VAN SCHOICK, MARY J. RADCLIFFE }

Assisted by the following Officers of the Industrial Divisions

E. DEF. CURTIS, MYRTLE M. FRENCH	Art	C. F. GEIGER, DOROTHY A. TEXTER	Refractories
ERWIN SOHN, W. N. HARRISON	Enamel	H. D. CALLAHAN, L. A. DOUGHERTY	Terra Cotta
J. T. LITTLETON, A. N. FINN	Glass		
HOWELLS FRÉCHETTE, W. H. VAUGHAN	Heavy Clay Products	R. F. SHERWOOD, E. H. FRITZ	White Wares

Officers of the Society

EDWARD ORTON, JR., *President*
1445 Summit St., Columbus, Ohio

PAUL E. COX, *Vice-President*
Iowa State College, Ames, Iowa

H. B. HENDERSON, *Treasurer*
Standard Pyrometric Cone Co., Columbus, Ohio

ROSS C. PURDY, *General Secretary and Editor*
2525 North High Street, Columbus, Ohio

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EDWARD SCHRAMM
E. DEF. CURTIS
D. F. ALBERY

PLAINTIFF'S EXHIBIT
7292.0

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ACTIVITIES OF THE SOCIETY

OUR THIRTY-SECOND ANNUAL MEETING

The preliminary program has been issued. It shows a wealth of papers. But "you aint heard nothin' yet."

The Canadian Committee members have planned big things not yet revealed. They are so busy that they forget that they have not published their program.

Sunday, February 16, will be the pleasantest day of the week. The Board of Trustees and the Committees will have to work all Sunday, but for the others there will be personal meetings, receptions, teas, concerts, city tours, museum visits, and a wonderfully interesting, and by the layman, easily understood colored movie lecture on mineral development and mineral fusions. Sunday will be concluded by a concert of instrumental music on Canada's largest pipe organ and vocal music by a male choir of 200 trained voices.



BRIG.-GENERAL
C. H. MITCHELL

You will have the time and the incentive on Sunday, February 16, for introductions and clubby chats with ceramic men and women from all parts of North America. Old friends will greet, bring up to date, and plan for the future in those ways which make for profitable professional comradeship.

We submit that as valuable as will be the program of papers on Monday, Tuesday, and Wednesday, you will forego fifty per cent of the Ceramic Week in Toronto if you fail to be there Sunday. Much depends on the starting. Be there Sunday.

The genial chairman of the local committee is Brigadier-General C. H. Mitchell, Dean of the School of Science and Engineering, Toronto University, a genial fellow, largely travelled, well educated, easily approached, the "first in war, first in peace, first in the hearts of his countrymen" sort of chap. His whole committee personnel is of the same sort. The Canadians are going to make pleasant your stay with them during Ceramic Week, February 16 to 21, in Royal York Hotel, Toronto.

NEW MEMBERS RECEIVED FROM NOVEMBER 1 TO DECEMBER 1

PERSONAL

Allerton Eddy, Southern Natural Gas Corp., Watts Building, Birmingham, Alabama; Combustion & Natural Gas Engineer.

Adrian C. Hughes, Mellon Institute, Pittsburgh, Pa.; Junior Fellow, Refractories Fellowship.

Alton C. Martin, Calle Zaragoza 1245 Sur, Monterrey, N. L., Mexico; Chief of Technical Dept., Vidriera Monterrey.

Albert L. Register, Jr., Box 293, New Brunswick, N. J.; Secretary and Treasurer, Antimony Products Co.

STUDENT

Ohio State University, Columbus, Ohio

Alfred S. Ault
James Abram Cross
Arthur H. Falter
Glenn A. Hutt
Earl C. Petrie
Ralston Russell, Jr.
Harry W. Thiemecke
Charles Edward Webster

Membership Workers' Record

Personal		Student	
C. E. Bales	1	Office	8
Fred A. Harvey	1		
R. D. Landrum	1	Total	8
Office	1	Grand Total	12
Total	4		

ROSTER CHANGES IN NOVEMBER

Honorary*

Langenbeck, Karl, 2218 Wyoming Ave., Washington, D. C. (616 McGill Bldg.)

Corporation*

Missouri Clay Mining Co., C. L. Gray (voter), Dalton Building, Poplar Bluff, Mo. (Ambassador Bldg., St. Louis, Mo.)

Personal*

Bates, Chas. E., Rossman Corp., Old Bridge, N. J. (Beaver Falls, Pa.)
Bautz, Robert A., Haliburton Hotel, Greenview and Morse, Chicago, Ill. (1413 Dobson St., Evanston, Ill.)
Butler, Joseph F., 338 West 23rd St., New York, N. Y. (154 E. 64th St.)
Burnand, Guy M., Johnson Matthey & Co., Inc., 15 West 47th St., New York, N. Y. (London, E.C. 1, England)
Christopher, A. B., 325 Pine St., Audubon, N. J. (Merchantville, N. J.)
Cooke, Raymond D., Rundle Mfg. Co., 1550 Forest Home Ave., Milwaukee, Wis. (National Enameling & Stamping Co., Granite City, Ill.)
Dailey, James G., Box 936, Toledo, Ohio. (323 20th St.)
DeVoe, Chas. H., Kenilworth Tile Corp., Newell, W. Va. (New Brunswick, N. J.)
Felton, Thomas M., Shepherd Chemical Co., Cincinnati, Ohio. (Pittsburgh, Pa.)
French, Gordon E., Box 48, Perth Amboy, N. J. (Rochester, N. Y.)
Gould, Robert E., Wilhelmstrasse 34, Beuthen, O/S, Germany. (Chester, W. Va.)
Grainer, John S., 734 Griggs St., Grand Rapids, Mich. (754 Griggs St.)
King, Melvin Mason, 25 E. 4th St., Corning, N. Y. (P. O. Box 261)
Kleerup, N. O. Alex, 2708 Channing Way, Berkeley, Calif. (Pittsburgh, Calif.)
Kuechler, A. H., 2729 Edgehill Road, Cleveland Heights, Ohio. (Cloverport, Ky.)
Martz, Joseph A., 133 Bane Ave., Newton Falls, Ohio. (16 Church St.)
Matzen, Harry B., 1824 Union Trust Bldg., Cleveland, Ohio. (923 Union Trust Bldg.)
Mayfield, Chester C., 707 W. High Ave., New Philadelphia, Ohio. (Toledo, Ohio)
McFadon, Everett O., Ferro Enamel Supply Co., Keith Building, Cleveland, Ohio. (St. Louis, Mo.)
Meyer, William W., 295 East 8th Ave., Columbus, Ohio. (Palo Alto, Calif.)
Morgan, Raymond W., 6105 N. Talman Ave., Chicago, Ill. (Indianapolis, Ind.)
Opperman, R. H., 1401 Arch St., Philadelphia, Pa. (Membership transferred from William E. Saunders)
Pearson, J. Donald, 325 N. Washington, Ottumwa, Iowa. (Mansfield, Ohio)
Perrine, Charles F., 316 East Front St., Red Bank, N. J. (36 Riverside Ave.)
Rhode, Irma, 5316 Pershing Ave., St. Louis, Mo. (5428 Murdock Ave.)
Rice, Bryan A., The Pfaudler Co., Lincoln Park Factory, Rochester, N. Y. (Pittsburgh, Pa.)
Richardson, Gordon B., Gladding McBean & Co., 621 S. Hope St., Los Angeles, Calif. (Alberhill, Calif.)
Roth, H. A., Rundle Mfg. Co., 38th & River Road, Camden, N. J. (Milwaukee, Wis.)
Saxe, C. W., 18 Clearview Ave., Worcester, Mass. (54 W. Boylston St.)
Schofield, H. Zane, Standard Tile Co., Zanesville, Ohio. (Columbus, Ohio)
Schweickhardt, William K., Alabama Polytechnic Institute, Box 2336, Auburn, Ala. (St. Louis, Mo.)
Shearer, Walter L., Rouse & Shearer, Inc., 67 Oxford St., Trenton, N. J. (163 Bloomsbury St.)

* Addresses within the parentheses ( ) represent the old address.

ROSTER CHANGES IN DECEMBER

CORPORATION*

American Gas Association, Harry A. Sutton (voter), 420 Lexington Ave., New York, N. Y. (J. P. Leinroth (voter).)
Devilbiss Mfg. Co., E. F. Frey (voter), Toledo, Ohio. (Frank A. Bailey (voter).)
Ross-Tacony Crucible Co., K. E. Buck (voter), Tacony, Philadelphia, Pa. (Charles C. Bacon (voter).)

PERSONAL*

Blunt, R. A., Vice-Pres. and Gen. Mgr., Buck Glass Co., Fort Ave. and Lawrence St., Baltimore, Md. (Membership changed from L. M. Buck.)
Burchenal, Charles H., Cambridge Tile Mfg. Co., P. O. Box 836, Cincinnati, Ohio. (Covington, Ky.)
De Celle, J. A., Chicago Hardware Foundry Co., North Chicago, Ill. (538 Forest Ave., Highland Park, Ill.)
Ellison, R. W., 2851 Rose Ave., Altadena, Calif. (Pasadena, Calif.)
Grady, John H., National Fire Proofing Co., East Canton, Ohio. (Claycraft Mining & Brick Co., Black Lick, Ohio.)
Hartmann, M. L., 253 South Maple Drive, Beverly Hills, Calif. (1101 Security Title Insurance Bldg., Los Angeles, Calif.)
Henson, W. H., 11 Elm St., Worcester, Mass.; Norton Co. (81 Whitmarsh Ave.)
Kates, Paul G., 2418 Garland Ave., Nashville, Tenn. (618 Superior Ave., Dayton, Ohio.)
Kayser, Julius A., Laclede Christy Clay Products Co., 1711 Ambassador Bldg., St. Louis, Mo. (622 Forest Court, Clayton, Mo.)
Keller, Roscoe, Alfred, N. Y. (45 McKinley Ave., Kenmore, N. Y.)
Kuechler, A. H., Wellsville, Mo. (2729 Edgehill Rd., Cleveland Heights, Ohio.)
Larkin, Paul G., Box 305, Lincoln, Calif. (Box 92.)
Massey, Crawford, Box 1223, Los Angeles, Calif. (492 E. 46th St.)
McBurney, John W., 414 Taylor St., Chevy Chase, Md. (Bureau of Standards, Washington, D. C.)
McCann, Sydney W., 39 Vassar St., Rochester, N. Y. (628 Columbus Apts.)
Nagle, J. A., 30 Acton Rd., Columbus, Ohio. (Carling Tile Co., Macon, Ga.)
Navratiel, Hans, Beuthen Oberschlesien, Parallel Str. 6, Germany. (415 Liberty St., Flint, Mich.)
Pearce, R. Melville, 144 Mohawk Ave., Scotia, N. Y. (36 Elder St., Schenectady, N. Y.)
Pellerano, Silvio, 1918 71st St., Brooklyn, N. Y. (Garfield Mfg. Co., Garfield, N. J.)
Rudd, Richard D., 26 Weldon Ave., Apt. B, Phoenix, Arizona. (203 Ceramics Bldg., Urbana, Ill.)
Smith, Stanton G., 76 Federal St., Brunswick, Me. (Box 94, Auburn, Me.)
Sutton, W. J., Department of Chemistry, Cornell Univ., Ithaca, N. Y. (11 Seneca St., Hornell, N. Y.)
Taylor, William M., Ohio Fuel Gas Co., Toledo, Ohio. (56 Acton Rd., Columbus, Ohio.)
Thornton, Paul E., 428 Argyle St., Waterloo, Iowa. (325 Ash Ave., Ames, Iowa.)
Turner, William, 2 Fernwood Lane, R. F. D. No. 4, Trenton, N. J. (1511 Brunswick Ave.)
Warner, Stanley, 608 Palmetto St., Chattanooga, Tenn. (430 Crest Rd.)
Watters, C. R., General Delivery, Mansfield, Ohio; Westinghouse Electric & Mfg. Co. (411 Shuttle Meadow Ave., New Britain, Conn.)
Williams, A. E., 816 W. Evelyn St., Lewistown, Mont. (Hartford-Empire Co., Box 1411, Hartford, Conn.)
Yung, William A., 3231 Sherbourne Road, Detroit, Mich. (471 S. Atlantic Ave., Pittsburgh, Pa.)

STUDENT*

Copp, Warren F., 52 W. Norwich Ave., Columbus, Ohio. (356 14th Ave.)
Crisfield, A. P., P. O. Box 1313, Savannah, Ga. (114 Barnard St.)
Gill, Joseph W., 42 13th Ave., Columbus, Ohio. (Port Clinton, Ohio.)
Hillmiller, John, Box 231, Alfred, N. Y. (82 Hetzel St., Salamanca, N. Y.)
Lane, Kenneth C., Box 102, Wellsville, N. Y. (Box 645, Alfred, N. Y.)
Moser, John, 220 14th Ave., Columbus, Ohio. (411 McKinley St., Middletown, Ohio.)
Shardlow, L. Russel, 204 Ceramics Bldg., University of Illinois, Urbana, Ill. (N. Bloomfield, N. Y.)

* Addresses within the parentheses ( ) represent the old address.

STUDENT (*continued*)	
Paul E. Cox	2
W. F. Dietrich	1
C. M. Dodd	3
A. F. Greaves-Walker	1
F. T. Heath	1
M. E. Holmes	1
R. K. Hursh	3
John B. Lyon	1
S. Mathews	1

STUDENT (*concluded*)	
D. A. Moulton	8
Clyde L. Thompson	2
A. S. Watts	3
F. Westendick	2
Hewitt Wilson	4
Office	14
Total	65
Grand Total	239

ROSTER CHANGES IN JANUARY

CORPORATION*

Abrasive Co., R. A. Shaffer (voter), Tacony and Fraley Sts., Bridesburg, Philadelphia, Pa. (Louis L. Byers (voter))

Missouri Fire Brick Co., J. M. Dell (voter), Vandalia, Mo. (6100 Manchester Ave., St. Louis, Mo.)

Standard Pyrometric Cone Co., Edward Orton, Jr. (voter), 1445 Summit St., Columbus, Ohio. (1538 N. High St.)

PERSONAL*

Bouckley, Thomas, Canada Gypsum & Alabastine, Ltd., Caledonia, Ont., Canada (Paris, Ont., Canada)

Brockman, E. A., 526 E. 4th St., Lincoln Apts. No. 14, Cincinnati, Ohio. (Lincoln Apts. No. 18)

Brown, Lawrence H., P. O. Box 632, East Liverpool, Ohio. (Hall China Co.)

Burchfiel, B. M., Gladding, McBean & Co., 621 S. Hope St., Los Angeles, Calif. (P. O. Box 634, Avalon, Calif.)

Collings, William A., Box 937-7, Santa Monica, Calif. (Box 862)

Crowley, Henry L., Henry L. Crowley & Co., Inc., 1 Central Ave., West Orange, N. J. (545 N. Arlington Ave., East Orange, N. J.)

Dippell, Lawrence V., Park Towers Apt. No. 110, Kemble Ave., Philadelphia, Pa. (601 Union St., Jackson, Mich.)

Falter, Arthur H., 4956 McPherson Ave., St. Louis, Mo.; Laclede-Christy Clay Products Co. (2305 Summit St., Columbus, Ohio)

Fesler, Raymond T., 709½ E. Mulberry St., Kokomo, Ind. (222 E. Mulberry St.)

Giehler, F. J., Chicago Retort & Fire Brick Co., Ottawa, Ill. (Chicago, Ill.)

Gosser, George W., 550 Cambridge St., Coshocton, Ohio. (438 S. 4th St.)

Heath, Fred T., 1117 Bellevue Ave., Syracuse, N. Y. (Box 27, Station B, Columbus, Ohio)

Hemsteger, Samuel E., 48 St. Mark's Place, New Brighton, Staten Island, N. Y. (313 Aberdeen Drive, Middletown, Ohio)

Henderson, H. B., Standard Pyrometric Cone Co., 1445 Summit St., Columbus, Ohio. (1538 N. High St., Columbus, Ohio)

Houpt, Clayton S., 13945 Freeland Ave., Apt. 4, Detroit, Mich. (13279 Terry Ave.)

Hughes, Adrian C., Harbison-Walker Refractories Co., Clearfield No. 2 Works, Clearfield, Pa. (Mellon Institute, Pittsburgh, Pa.)

Leibson, J. S., Porcelain Dept., General Electric Co., Schenectady, N. Y. (Research Laboratory)

McCreery, George L., 618 Hopocan Ave. W., Barberton, Ohio. (220 Hopocan Ave. W.)

Mitra, Himansu K., 3610 Fifth Ave., Pittsburgh, Pa. (Engineering Expt. Station, Ohio State Univ., Columbus, Ohio)

Nayar, Mulkh Raj, Punjab National Bank, Ludhiana, India. (Benares Hindu Univ., Benares, India)

Ortman, F. B., Gladding, McBean & Co., 621 S. Hope St., Room 1300, Los Angeles, Calif. (Box 1480, Station C)

Parkhurst, Howard M., General Refractories Co., 742 Russ Bldg., San Francisco, Calif. (4138 Washington Blvd., Chicago, Ill.)

Petrie, Earl C., Cheswick, Pa.; Mellon Institute, Pittsburgh, Pa. (70 18th Ave., Columbus, Ohio)

* Addresses within the parentheses ( ) represent the old address.

Richard, Giulio, Via S. Vittore 40, Milano, Italy. (Via Antonio Beretta 8)
Robertson, Randal K., 320 Canada Cement Bldg., Montreal, Que., Canada. (1174 Phillips Place)
Rupp, Edwin M., 13 E. Maple, Mt. Healthy, Ohio. (Cambridge Wheatley Tile Co., Covington, Ky.)
Skalla, Charles N., 1739 Rivadavia, 9° Piso, Buenos Aires, Argentina. (Calle Zepita 2921)
Solon, L. V., Federal Seaboard Terra Cotta Co., 10 E. 40th St., New York, N. Y. (Magnolia Ave., Tenafly, N. J.)
Steinhoff, F. L., 407 S. Dearborn St., Chicago, Ill. (513 Forest Ave., Apt. 10, Glen Ellyn, Ill.)
Stephenson, H. H., Y. M. C. A., Auckland, New Zealand. (Post Office, Auckland, New Zealand)
Watters, Curtis R., 20 Linden Rd., Mansfield, Ohio. (General Delivery)

STUDENT*

Crisfield, A. P., 81 Peachtree Place, Atlanta, Ga. (P. O. Box 1313, Savannah, Ga.)
Morris, Kenneth, Room 21, Chemistry Bldg., Iowa State College, Ames, Iowa. (118 Hyland St.)

These roster changes, which are published each month, may be checked against the complete Membership Roster which was published in the July, 1929, issue of the *Bulletin*. Copies of this issue may be obtained from the Secretary's office, price $2.00.

* Addresses within the parentheses ( ) represent the old address.

NEWS FROM THE LOCAL SECTIONS

Pacific Northwest Section[1]

The 1930 annual meeting of the Pacific Northwest Section was held in Seattle on January 17 and 18. The technical session met during the afternoon of the 17th in the Mines-Ceramic Building on the University of Washington campus, with President E. E. Saunders presiding. The delegates were welcomed by Milnor Roberts, Dean of the College of Mines, and the following program was given:

(1) "Purification of Clays by Washing," Wurth Kriegel, University of Washington.
(2) "Practical Clay Products Research," by A. L. Miller, Executive Officer, Dept. of Civil Engineering, Univ. of Washington.
(3) "Cyanite in Southern Idaho," by G. L. Rogers, Engineer, Gladding, McBean and Co.
(4) "Geology of Eastern Washington with Reference to the Formation of Kaolin," by G. E. Goodspeed, Univ. of Washington.
(5) "A Method of Eliminating Auger Lamination," by Neal Fosseen, Washington Brick Lime and Sewer Pipe Co.
(6) "Preliminary Note on the Study of Refractories in Recovery Furnaces for Sodium Liquors in Pulp and Paper Plants," by J. A. Cunliffe, Univ. of Washington.
(7) "Saving Coal in Kiln Firing," by Howard Mansur, Engineer, Gladding, McBean and Co.
(8) "Dewatering Clay Suspensions by Electricity," by C. E. Curtis, Univ. of Washington.
(9) "The Wenatchee Fire Clays," L. A. Martin, Gladding, McBean and Co.

Dinner was served at the University Commons and the program finished around the table.

The sessions were continued at the Olympic Hotel in coöperation with the Pacific Northwest Brick and Tile Association, with their president, H. R. Kreitzer, presiding.

[1] Hewitt Wilson, *Secretary*.

(1) "Report of the
Univ. of Washington.
(2) "Design Requir
for the Austin Company
(3) "Design Requir
Seattle Real Estate Boa

The Annual Banque
celebration. Wylie Hen
merce gave the principal
lead the joking contingen
The following officers

President, Alex
Vice-President,
Secretary, Hew
Treasurer, H. (
Trustee (Brick and Tile

Trustee (Terra Cotta an

Trustee (Sewer Pipe

The first year of rese
and his reports formed
senting practically all t
for testing 66 batches o
load-bearing wall tile.
results indicate that th
products. The research
testing and a study of m
Arrangements are be

Those in attendance
son, S. R. Mercer, and
Olaf Olsen (Auburn, W
Brasfield, G. N. DeGol
MacMichael, E. K. M
Smith (Seattle, Wash.);
Wash.). From *Seattle*
Stirrat and John Stirra
couver, Wash.). From
han, Clifford Houlahan,
Wash.). O. K. Edward
ington Brick Lime and
H. P. Leipham (Spokan
Ore.). H. R. Kreitzer,
Brick and Tile Co. (Vic
Henry Hoffmann, *Lake*
ington, C. E. Curtis, J.
speed, Fred Kettenring
Roberts, W. J. Watha
Granger Clay Products
Wash.).

It has been announc
G. Burt, Cincinnati, O
SOCIETY.

Arrive New York, 33rd Street and Broadway Station, at 7:28 P.M. Transfer by motor car to Pennsylvania Hotel.

Wednesday April 23 — Same as for ceramic group.

LOCAL SECTION NEWS

Michigan-Northwestern Ohio Section[1]

The Michigan-Northwestern Ohio Section of the AMERICAN CERAMIC SOCIETY held a meeting on February 25, at the Cadillac Athletic Club, Detroit, Mich. T. S. Curtis was the guest speaker, talking on "Fundamentals of Mullite Development." Supplementing his talk were shown motion pictures and lantern slides illustrating the development of mullite crystals and the effect of mullite in ceramic materials.

The dinner was attended by forty-nine and the lecture by seventy-five persons. A great deal of interest was shown and a lively discussion followed Mr. Curtis' most interesting paper.

NEW MEMBERS RECEIVED FROM FEBRUARY 1 TO MARCH 1

PERSONAL

A. T. Alexander, P. O. Box 2280, Montreal, Canada.
John Albert Andrews, 2237 Grandin Rd., Cincinnati, Ohio; Newport Rolling Mill Co., Newport, Ky.
Mark S. Bailey, Ceramic Engineer, Harrop Ceramic Service Co., 310 West Broad St., Columbus, Ohio.
Herbert C. Beasley, Factory Manager, Ingram-Richardson Corp., Bayonne, N. J.
J. Russell Britt, 2509 Texas Ave., St. Louis, Mo.; Supt. of Tile Plant, Superior Enamel Products Co.
Robert M. Campbell, 25 Hanford Place, Trenton, N. J.; Pottery Supt., J. L. Mott Co., Inc.
Kenneth P. Corson, Ceramic Engineer, Gladding, McBean & Co., Taylor, Wash.
Samuel Edwin Eldridge, Kemper Lane Apt. Hotel, Cincinnati, Ohio; Newport Rolling Mill Co., Newport, Ky.
Edwin W. Esslinger, 2205 Cleneau Ave., Norwood, Ohio; Supervisor Industrial Gas Division, Union Gas and Electric Co., 4th and Main Sts., Cincinnati, Ohio.
Howard Farkas, 50 Church St., New York, N. Y.; Vice-President, U. S. Stoneware Co.
Edward Hartford, 711 Euclid Ave., Toronto, Ohio; Mechanical Engineer, Toronto Foundry & Machine Co.
W. V. Hollingsworth, American Encaustic Tiling Co., Zanesville, Ohio.
S. A. van Hoytema, Mechanische Technologie, Nieuwelaan 76, Delft, Holland.
Frank L. Jones, Mellon Institute, Pittsburgh, Pa.
Frank H. Kohne, 819 Twelfth St., New Brighton, Pa.; Ceramic Color and Chemical Mfg. Co.
George Little, 71 South St., Somerville, N. J.; Junior Ceramist, Johns-Manville, Inc., Manville, N. J.
Juan Maiza, c/o Crist. Rigolleau, Berazategui, F. C. S., Argentina.
Wesley G. Martin, Research Chemist, A. O. Smith Corp., Milwaukee, Wis.
Ernst A. Meyerhofer, Meyerhofer & Co., 19 Loewenstrasse, Zurich, Germany.
W. J. Miller, 7337 Schoyer Ave., Swissvale, Pa.; President, Miller Glass Engineering Co., Vice-President, W. J. Miller, Inc.
Willard J. Parker, 7 East 44th St., New York, N. Y.; Commissioner, Feldspar Grinders' Institute.
Gerald E. Reinker, Ceramic Engineer, Incandescent Lamp Dept., General Electric Co., 1133 East 152nd St., Cleveland, Ohio.
Foster T. Rhodes, 205 Fay Rd., Syracuse, N. Y.; Foreman, Onondaga Pottery Co.

[1] E. B. Flu, *Secretary*.

Everett Haddon Shands, Box
calEngineering, North C
Paul F. Udinson, Strastnoj E
Technological High Scho
Louis Vielhaber, Nahestr. 2
trie.
William D. Waltman, 551 F
America.
Charles Douglas Woodhouse
ger, Champion Sillimanit

Don J. Cavanaugh, Pennsylv
Earl Robert Davey, Universi
J. D. Hammock, University
John B. Miller, University o
Alice E. Pembroke, Mechani

PERSONAL

R. S. Bicknell
P. P. Budnikoff
H. T. Coss
A. F. Greaves-Walker
Frank M. Hartford
F. G. Jaeger
L. H. Minton
F. H. Riddle
C. D. Spencer
Karl Turk
W. F. Wenning
Office

Total

RC

Harshaw Chemical Co., J. I
Ohio. (D. T. Penny (
Mueller Company, J. R. M

Alderson, Benjamin, Rese
Alton, Ill. (The Ameri
Arnold, Howard C., 1131 I
Arnold, Thomas M., Whe
(Membership transferre
Brosius, J. P., Supervisor
Ave., Pittsburgh, Pa.
Compton, Max D., Box 60
Crandall, James R., 325
2nd St., Elyria, Ohio.)
Drew, Charles H., C. Dr
W. D. Ford.)
Fackt, Geo. P., Gladding,
Clybourn Ave., Chicag
Hoffman, George E., Cran
Humphrey, Ingraham, Lin

[1] Addresses within the

Everett Haddon Shands, Box 5626, College Sta., Raleigh, N. C.; Instructor in Mechanical Engineering, North Carolina State College.
Paul F. Udinson, Strastnoj Boulevard N. 13, Moscow, U. S. S. R.; Mendelief's Chem.-Technological High School.
Louis Vielhaber, Nahestr. 26, Duisburg, Germany; Publisher of *Emaillewaren-Industrie*.
William D. Waltman, 551 Fifth Ave., New York, N. Y.; President, Isolantite Co. of America.
Charles Douglas Woodhouse, P. O. Box 117, Laws, Inyo County, Calif.; General Manager, Champion Sillimanite, Inc.

STUDENT

Don J. Cavanaugh, Pennsylvania State College, State College, Pa.
Earl Robert Davey, University of Toronto, Toronto, Canada.
J. D. Hammock, University of Washington, Seattle, Wash.
John B. Miller, University of Illinois, Urbana, Ill.
Alice E. Pembroke, Mechanics Institute, Rochester, N. Y.

Membership Workers' Record

PERSONAL		STUDENT	
R. S. Bicknell	1	A. I. Andrews	1
P. P. Budnikoff	1	George J. Bair	1
H. T. Coss	1	R. J. Montgomery	1
A. F. Greaves-Walker	1	Hewitt Wilson	1
Frank M. Hartford	2	Office	1
F. G. Jaeger	1		—
L. H. Minton	1	Total	5
F. H. Riddle	1	Grand Total	32
C. D. Spencer	1		
Karl Turk	1		
W. F. Wenning	1		
Office	15		
	—		
Total	27		

ROSTER CHANGES IN FEBRUARY

CORPORATION*

Harshaw Chemical Co., J. L. Walsh (voter), Harshaw Bldg., 1945 E. 97th St., Cleveland, Ohio. (D. T. Penny (voter), 1610 Hanna Bldg.)
Mueller Company, J. R. Mayhew (voter), Decatur, Ill. (A. V. Lawton (voter).)

PERSONAL*

Alderson, Benjamin, Research and Development Dept., Owens-Illinois Glass Co., Alton, Ill. (The American Bottle Co., Streator, Ill.)
Arnold, Howard C., 1131 Foulkrod St., Philadelphia, Pa. (Box 323, Momence, Ill.)
Arnold, Thomas M., Wheatley Tile & Pottery Co., P. O. Box 836, Cincinnati, Ohio. (Membership transferred from Harry J. Macke.)
Brosius, J. P., Supervisor Heavy Industrial Gas Sales, Equitable Gas Co., 435 Sixth Ave., Pittsburgh, Pa. (Membership transferred from F. B. Jones.)
Compton, Max D., Box 603, Lincoln, Calif. (183 Crutcher Ct., Auburn, Calif.)
Crandall, James R., 325 Pitt St., Wilkensburg, Pa.; Crown Chemical Co. (212 E. 2nd St., Elyria, Ohio.)
Drew, Charles H., C. Drew & Co., Kingston, Mass. (Membership transferred from W. D. Ford.)
Fackt, Geo. P., Gladding, McBean & Co., 621 S. Hope St., Los Angeles, Calif. (2525 Clybourn Ave., Chicago, Ill.)
Hoffman, George E., Crane Co., Chicago, Ill. (Trenton Potteries Co., Trenton, N. J.)
Humphrey, Ingraham, Lima, N. Y. (Central Y. M. C. A., East Liverpool, Ohio.)

[1] Addresses within the parentheses ( ) represent the old address.

Hotel by Fred Sutterlin and J. Guild Carter. Party taken by automobile to Princeton for luncheon at the Princeton Inn, under arrangements by F. W. Dinsmore. Following luncheon party motored about Princeton University Campus and then to Trenton.

3:00 P.M. Arrived at plant of Imperial Porcelain Wks., Trenton, B. B. Dinsmore, President; manufacturers of high and low tension electrical porcelain.

4:00 P.M. Visited plant of Scammell China Co., received by the President, D. W. Scammell, Matthew Scammell, and Fred Sutterlin. Manufacturers of high-grade hotel china.

5:30 P.M. Arrived at Stacy-Trent Hotel, Trenton.

7:00 P.M. Dinner at Stacy-Trent Hotel under auspices of Trenton ceramists. Present: Hon. Frederick W. Donnelly, Mayor of Trenton; Professor A. G. Cameron, French Dept., Princeton University; J. M. Gilfillan, Matthew Scammell, G. H. Brown, J. A. Williams, F. W. Dinsmore, Fred Sutterlin, F. A. Whitaker, Harry A. Brown, Lyman Leavitt, Paul Teetor, Paul Berryman, and John C. Wilkes. Program included an address of welcome by Mayor Donnelly and presentation of the key of the City of Trenton, and an address by Professor Cameron.

Friday April 11

A.M. Visited plants of Lenox, Inc., Harry A. Brown, President, manufacturers of fine china.

Visit to plant of Robertson Art Tile Company, Morrisville, Pa., D. P. Forst, President; manufacturers of floor and wall tile.

Noon. Luncheon at Stacy-Trent Hotel under the auspices of the Trenton Chamber of Commerce.

P.M. Visited plant of Trenton Potteries Company; J. A. Campbell, President. Manufacturers of all types of sanitary ware.

Visited Thos. Maddock's Sons Company plant; A. M. Maddock, President.

Visit of Glass Group, French Ceramists, South Jersey

Wednesday April 9

This party left New York for Philadelphia in the evening and spent the night at the Benjamin Franklin Hotel.

Thursday April 10

8:30 A.M. Met at Hotel by Herrold Thropp, Thos. Graham, P. D. Thropp, Jr., V. V. Kelsey, and W. Seger. Motored from Philadelphia to Bridgeton, N. J.

Luncheon at Cumberland Hotel.

P.M. Visited plants of Owens-Illinois Glass Company (manufacturers of glass bottles) at Bridgeton; Tavern Rock Sand Company, Millville (glass sands).

7:00 P.M. Dinner at Hotel Cumberland. Guests of local glass manufacturers.

Friday April 11

A.M. Visited plants of Vineland Flint Glass Company, Vineland (manufacturers of scientific and art glassware). Kimble Glass Company, Vineland (manufacturers of scientific glassware).

Luncheon. Guests of Victor Durand at Vineland.

P.M. Visited plant of Whitall-Tatum Company, Millville (manufacturers of scientific glassware).

6:00 P.M. Returned to Hotel in Philadelphia by automobile.

The arrangements in South Jersey were made by Herrold Thropp, assisted by Thos. Graham, V. V. Kelsey, and Victor Durand.

NEW MEMBERS RECEIVED FROM MARCH 1 TO APRIL 1

PERSONAL

Frank R. Clark, 3870 Middleton Ave., Cincinnati, Ohio; Manager, The Edward Mfg. Co.

Cornelius Doorn, Robinson, Ill.; Industrial and Management Engineer.

John Louis Drake, Chief Engineer, Libbey-Owens Glass Co., Toledo, Ohio.

Charles O. Duevel, Jr., Asst. Chief Engr., American Thermos Bottle Co., Norwich, Conn.
Richard L. Harrison, 308½ Main St., Lafayette, Ind.; General Manager, Rostone, Inc.
H. O. Busch Jensen, 2506 Barclay St., Baltimore, Md.; Locke Insulator Corp.
Arthur A. Knox, Works Manager, Reliance Firebrick & Pottery Co., Barakar, P. O., India.
Ralph H. Martin, 7135 S. Seville St., Huntington Park, Calif.; Ceramic Engineer, Vitrefrax Corp., 5050 Pacific Blvd.
Rubert Monks, 128 Fraley St., Kane, Pa.; Annealing Engineer, American Plate Glass Corp.
H. D. Thweatt, Southwark Foundry & Machine Co., 703 United Bldg., Akron, Ohio.
Arthur Eric Jarvis Vickers, 27 Lily St., Wolstanton, Stoke-on-Trent, England; Chief Consulting Expert on Ceramics, The Imperial Chemical Industries, Ltd.

STUDENT

Harry Mahnken, Jr., New York State School of Clayworking and Ceramics, Alfred, N. Y.

Membership Workers' Record*

	PERSONAL		STUDENT
Wilbur F. Brown	1	Office	1
Elmer H. Ockermann	1	Grand Total	12
F. H. Riddle	1		
Jos. P. Rodgers	1		
F. W. Salisbury	1		
Dorothy A. Texter	1		
Office	5		
Total	11		

* Through a misunderstanding one member too many was credited to the Office last month. The correct total was 31.

ROSTER CHANGES IN MARCH

CORPORATION*

American Encaustic Tiling Co., Horace F. Crew (voter), Zanesville, Ohio. (Wm. McCoy (voter)).
Vitro Mfg. Co., George Blumenthal (voter), Pittsburgh, Pa. (Josef Volkommer (voter)).

PERSONAL*

Adams, L. A., Chicago Vitreous Enamel Product Co., 1407 S. 55th Court, Cicero, Ill. (Mansfield Vitreous Enameling Co., Mansfield, Ohio.)
Anderson, Robert J., 2195 Lincoln Ave., N. W., Lakewood, Cleveland, Ohio. (Fairmont Mfg. Co., Fairmont, W. Va.).
Barth, Victor R., 3306 Tarlton Ave., Chattanooga, Tenn. (26 Pearl St., Great Barrington, Mass.)
Brenner, R. F., Roessler & Hasslacher Chemical Co., Toledo, Ohio. (Owens-Illinois Glass Co.)
Brockmann, E. A., 526 East 4th St., Cincinnati, Ohio. (Roessler & Hasslacher Chemical Co., New York, N. Y.)
Daniels, C. O., Greendale Brick Co., 141 N. Front St., Columbus, Ohio. (Logan, Ohio.)
Dively, Geo. W., U. S. Refractories Corp., Mount Union, Pa. (Clearfield, Pa.)
Fuller, Donald H., Roberts & Mander Stove Co., Hatboro, Pa. (Bureau of Standards, Washington, D. C.)
Geller, R. F., 5425 Connecticut Ave., Apt. 311, Washington, D. C. (Bridesburg, Philadelphia, Pa.).
Glick, Wendell, 1761 Collamer St., E. Cleveland, Ohio. (Columbus, Ohio.)

* Addresses within the parentheses ( ) represent the old address.

McCoy, Nelson, Nelson McCoy Sanitary Stoneware Co., Roseville, Ohio. (Zanesville, Ohio.)
Moore, Richard Scott, Harbison-Walker Refractories Co., Farmers Bank Bldg., Pittsburgh, Pa. (Homestead, Pa.)
Moran, J. J., 823 Park Ave., Vineland, N. J. (Philadelphia, Pa.)
Moranty, Adam F., Leeds & Northrup Co., 1941 Union Trust Bldg., Cleveland, Ohio. (1227 Union Trust Bldg.)
Morse, George T., 100 Woodbridge Ave., Metuchen, N. J. (Woodbridge, N. J.)
Musselman, John E., 472 E. 7th Ave., Tarentum, Pa. (Tiffin, Ohio.)
Nagle, J. A., Carling Tile Co., Macon, Ga. (30 Acton Rd., Columbus, Ohio.)
Reif, Richard E., c/o C. B. Stone, R. D. 3, Syracuse, Ind. (New Castle, Pa.)
Siegrist, Paul F., Blackmer and Past Pipe Co., 2801 Hereford St., St. Louis, Mo. (Mellon Institute, Pittsburgh, Pa.)
Spiker, John E., Hispano Moresque Tile Co., Lawndale, Calif. (Los Angeles, Calif.)

STUDENT*

Lane, Kenneth C., Route 1, Friendship, N. Y. (Wellsville, N. Y.)

These roster changes which are published each month may be checked against the complete Membership Roster which was published in the July, 1929, issue of the *Bulletin*. Copies of this issue may be obtained from the Secretary's office, price $2.00.

PROGRESS REPORT OF TESTS SECTION OF THE STANDARDS COMMITTEE OF THE GLASS DIVISION[1]

(1) During the year there have been prepared standard samples of opal glass, high boron (12% B_2O_3) glass, and low boron (0.75% B_2O_3) glass. These are now being issued with provisional certificates by the Bureau of Standards.

(2) The analytical work on standard samples of flint fire clay, plastic fire clay, and argillaceous limestone is finished at the Bureau of Standards and these three new standards were ready for distribution on April 1.

(3) A sample of soda feldspar has been prepared, and this sample will probably be ready for distribution by June 1.

(4) By July 1, 1930, the Bureau of Standards will have available analyzed samples of the following ceramic materials:

Argillaceous limestone, dolomite, glass sand, potash feldspar, soda feldspar, fluorspar, soda-lime glass, lead-barium glass, opal glass, low-boron glass, high-boron glass, flint fire clay, plastic fire clay, three fired refractories running from 38 to 70% of Al_2O_3 and 20 to 50% of SiO_2, and bauxite.

The Tests Section will welcome suggestions as to other standard analyzed samples that are needed.

(5) No tentative or standard methods of analysis have been prepared during the year. Methods have been worked out for the determination of silica in the presence of fluorine and boron, and the determination of fluorine in ceramic materials. Numerous tests have been made of methods for the determination of boron, but no method has proved as reliable as the Chapin method.

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* Addresses within the parentheses ( ) represent the old address.
[1] G. E. F. Lundell, Bureau of Standards, Washington, D. C.

FIRST REPORTS OF ANALYSES OF FLINT CLAY, No. 97

Analyst No.	SiO_2	R_2O	Al_2O_3	TiO_2	ZrO_2	P_2O_5	Fe_2O_3	V_2O_5	Cr_2O_3	CaO	MgO	K_2O	Na_2O	Loss on ignition
1	42.80	42.59	38.86	2.33	0.23	0.08	0.96*	0.040	0.091	0.10	0.26	0.54	0.37	13.32
2	42.89	42.55	38.46	2.44	0.26	0.30	0.953*	0.045	0.091	0.08	0.23	0.56	0.28	13.37
3	42.09	42.76	38.47	2.63			1.66			0.27	0.38		0.71(*h*)	13.96
4	42.87	42.72	39.01	2.40		0.087	1.22			0.20	0.32	0.32	0.11	13.60

COMMITTEE APPOINTMENTS FOR DIVISIONS OF THE AMERICAN CERAMIC SOCIETY

Art

Chairman: E. deF. Curtis, Conestoga Pottery, Wayne, Pa.
Secretary: M. M. French, Art Institute of Chicago, Chicago, Ill.
Research: Paul E. Cox, Iowa State College, Ames, Iowa.
Standards:

Data:
Membership: Charles Harder, N. Y. State School of Clayworking & Ceramics, Alfred, N. Y.
Rules: Martha G. Westfeldt, 633 Royal St., New Orleans, La.
Education: Arthur E. Baggs, Hayes Hall, O. S. U., Columbus, Ohio.
Nominations: T. Lenchner, 505 Fulton Bldg., Pittsburgh, Pa.; E. deF. Curtis, Conestoga Pottery, Wayne, Pa.
Papers and Program: Marion L. Fosdick, N. Y. State School of Clayworking and Ceramics, Alfred, N. Y.
Exhibitions: M. L. Fosdick.; M. M. French.
Trustee: E. deF. Curtis.
Councilors: (Several for different activities, see page 56, Art Symposium Divison.)

Enamel

Chairman: Erwin Sohn, Standard Sanitary Mfg. Co., 2801 Preble Ave., Pittsburgh, Pa.
Secretary: W. N. Harrison, Bureau of Standards, Washington, D. C.
Research: R. R. Danielson, Gen. Chairman, Metal & Thermit Corp., New York, N. Y.; M. E. Manson, Sub-Chairman, Chicago Hardware Foundry Co., N. Chicago, Ill.; B. T. Sweely, Baltimore Enamel & Novelty Co., Box 34, Baltimore, Md.
Standards: R. D. Cooke, Rundle Mfg. Co., 1550 Forrest Home Ave., Milwaukee, Wis.
Data: A. I. Andrews, University of Ill., Urbana, Ill.
Membership: R. E. Stark, 90 Pilgrim Road, Rosslyn Farms, Carnegie, Pa.
Rules: R. D. Landrum, Titanium Alloy Mfg. Co., 1716–18 Keith Bldg., Cleveland, O.
Education: H. F. Staley, Metal & Thermit Corp., 120 Broadway, New York, N. Y.
Nominations: B. A. Ludlum, Union Sanitary Works, Noblesville, Ind.
Papers and Program: B. A. Rice, The Pfaudler Co., Lincoln Park Factory, Rochester, N. Y.
Exhibitions: J. E. Hansen, 4150 E. 56th St., Cleveland, Ohio.
Trustee: B. T. Sweely, Baltimore Enamel & Novelty Co., Baltimore, Md.
Councilors:

Glass

Chairman: J. T. Littleton, Corning Glass Works, Corning, N. Y.
Vice-Chairman: S. R. Scholes, Fostoria Glass Co., Moundsville, W. Va.
Secretary: F. C. Flint, Hazel-Atlas Glass Co., Washington, Pa.
Research: W. C. Taylor, Corning Glass Works, Corning, N. Y.
Standards: (*a*) Tests, R. J. Montgomery, Univ. of Toronto, Toronto, Can.
(*b*) Products, A. N. Finn, Bureau of Standards, Washington, D. C.
Data: J. S. Gregorius, Research Dept., Pittsburgh Plate Glass Co., Creighton, Pa.
Membership: A. W. Kimes, 426 4th Ave., Pittsburgh, Pa.
Rules: F. C. Flint, Hazel-Atlas Glass Co., Washington, Pa.
Education: E. W. Tillotson, Mellon Institute, Pittsburgh, Pa.
Nominations: J. C. Hostetter, Corning Glass Works, Corning, N. Y.; W. F. Brown, Libbey-Owens Co., Nicholas Bldg., Toledo, O.
Papers and Program: S. R. Scholes, Fostoria Glass Co., Moundsville, W. Va.
Exhibitions: W. F. Curtis, Fostoria Glass Co., Moundsville, W. Va.
Trustee: C. D. Spencer, General Electric Co., Nela Park, Cleveland, O.
Councilors:

Heavy Clay Products

Chairman: Howells Fréchette, Dept. of Mines, Mines Branch, Ottawa, Can.
Vice-Chairman: J. D. Martin, Straitsville Impervious Brick Co., New Straitsville, Ohio.

Secretary: W. H. Vaughan, Georgia School of Technology, Atlanta, Ga.
Research: R. K. Hursh, University of Illinois, Urbana, Ill.
Standards: (*a*) Tests: A. V. Henry, Georgia School of Technology, Atlanta, Ga.
(*b*) Products: C. Forrest Tefft, Claycraft Mining & Brick Co., 201 Hartman Bldg., Columbus, O.
Data: J. W. Whittemore, Virginia Polytechnic Inst., Blacksburg, Va.
Membership: H. P. Straight, Adel Clay Products Co., Adel, Iowa.
Rules: A. F. Greaves-Walker, North Carolina State College, Raleigh, N. C.
Education: J. B. Shaw, Pennsylvania State College, State College, Pa.
Nominations: Amos P. Potts, 118 E. Blaine St., Brazil, Ind.
Ellsworth P. Ogden, 1957 Chelsea Road, Columbus, O.
Papers and Program: Harold C. Harrison, O. S. U., Eng. Expt. Station, Roseville, Ohio.
Exhibitions: A. D. Cochran, c/o The Bonnot Co., Canton, Ohio.
Trustee: H. C. Kleymeyer, Evansville, Ind.
Councilors:

Refractories

Chairman: C. F. Geiger, The Carborundum Co., Perth Amboy, N. J.
Secretary: Dorothy A. Texter, Oliver Bldg., Pittsburgh, Pa.
Vice-Chairman:
Research: D. W. Ross, Findlay Clay Products Co., Washington, Pa.
Standards: (*a*) Tests: Stuart M. Phelps, Mellon Institute, Pittsburgh, Pa.
(*b*) Products: C. E. Bales, The Ironton Fire Brick Co., Ironton, Ohio.
Data: A. E. R. Westman, Ontario Research Foundation, 47 Queen's Park, Toronto 5, Canada.
Membership:
Rules: D. W. Ross, Findlay Clay Products Co., Washington, Pa.
Education: M. E. Holmes, Missouri School of Mines, Box 250, Rolla, Mo.
Nominations: E. H. Van Schoick, Chicago Retort & Fire Brick, Co., Ottawa, Ill.
Geo. A. Bole, Lord Hall, O. S. U., Columbus, Ohio.
Papers and Program: R. B. Gilmore, North America Refractories Co., Cleveland, O.
Exhibitions:
Publications: L. J. Trostel, General Refractories Co., Box 935, Baltimore, Md.
Exhibitions:
Trustee: J. M. McKinley, North American Refractories Co., P. O. Box 37, Cleveland, Ohio.
Councilors:

Terra Cotta

Chairman: H. D. Callahan, Northwestern Terra Cotta Co., 2525 Clybourn Ave., Chicago, Ill.
Secretary: L. A. Dougherty, N. Y. Architectural Terra Cotta Co., 401 Vernon Ave., Long Island City, N. Y.
Research: H. G. Schurecht, Bureau of Standards, Washington, D. C.
Standards: H. Spurrier, Northwestern Terra Cotta Co., 2525 Clybourn Ave., Chicago, Ill.
F. Schepers, American Terra Cotta & Ceramics Co., Crystal Lake, Ill.
Data: Gail R. Truman, 23 W. Joseph St., Brazil, Ind.
Membership: S. J. McDowell, Corning Terra Cotta Co., Corning, N. Y.
Rules: Wm. J. Stephani, O. W. Ketchum Terra Cotta Works, Crum Lynne, Pa.
Education: A. Lee Bennett, 704 N. Kenwood St., Glendale, Calif.
Nominations: O. E. Mathiasen, Federal Seaboard Terra Cotta Co., Perth Amboy, N. J.
G. M. Tucker, 401 Vernon Ave., Long Island, N. Y.
Papers and Program: H. E. Davis, Federal Seaboard Terra Cotta Co., Woodbridge, N. J.
Exhibitions: Leon V. Solon, Federal Seaboard Terra Cotta Co., 10 E. 40th St., New York, N. Y.
Trustee: D. F. Albery
Councilors:

White Wares

Chairman: Robert F. Sherwood, Pass & Seymour, Inc., Solvay Sta., Syracuse, N. Y.
Secretary: E. H. Fritz, Westinghouse Elec. & Mfg. Co., Derry, Pa.
Research: Louis Navias, General Elec. Co., Research Lab., Schenectady, N. Y.
Standards: A. S. Watts, Lord Hall, O. S. U., Columbus, O.

Data: C. W. Parmelee, University of Ill., Urbana, Ill.
Membership: Perry D. Helser, Eljer Company, Ford City, Pa.
Rules: L. E. Barringer, General Electric Co., Schenectady, N. Y.
Education: Frank H. Riddle, Champion Porcelain Co., Detroit, Mich.
Nominations: { Frederick Sutterlin, Scammell China Co., Trenton, N. J.
{ W. Keith McAfee, Universal Sanitary Mfg. Co., New Castle, Pa.
Papers and Program: H. M. Kraner, Westinghouse Electric & Mfg. Co., E. Pittsburgh, Pa.
Exhibitions:
Trustee: Edward Schramm, Onondaga Pottery, Syracuse, N. Y.
Councilors:

NEW MEMBERS RECEIVED FROM APRIL 1 TO MAY 1

CORPORATION

Ludowici-Celadon Co., H. F. Beyer (voter), 104 S. Michigan Ave., Chicago, Ill.

PERSONAL

A. S. Berkman, c/o J. D. Freeland, 500 176th St., New York, N. Y.; Technical Director of First Porcelain Plant of the State China and Glass Trust of Buda, U. S. S. R.
C. A. Brashares, 122 Whitfield St., Pittsburgh, Pa.; Chemist, Harbison-Walker Refractories Co.
C. C. Chang, Kailan Mining Administration, Tongshan, North China.
George D. Cobaugh, 3428 Harrisburg St., Pittsburgh, Pa.; Technical Laboratory Assistant, Harbison-Walker Refractories Co.
Wilbur E. Cook, General Manager, Wadsworth Brick & Tile Co., Wadsworth, Ohio.
T. C. Earnill, Owens-Illinois Glass Co., Alton, Ill.
R. J. Furlong, Sales Manager, Vernon Potteries, 2300 E. 52nd St., Los Angeles, Calif.
Harriet Howell, 3551 Winchell Rd., Shaker Heights, Ohio.
Gilbert O. Ward, Technical Librarian, Cleveland Public Library, 325 Superior Ave., N. E., Cleveland, Ohio.
Wallace B. Wood, 5600 Miles Ave., Los Angeles, Calif.; President, Poxon China Co.

Membership Workers' Record

CORPORATION		PERSONAL (*continued*)	
R. K. Hursh	1	Kai-Ching Lu	1
PERSONAL		Elmer H. Ockerman	1
B. M. Burchfiel	1	Office	2
P. E. Cox	1		
Mrs. A. R. Dyer	1	Total	10
Herbert Goodwin	1	Grand Total	11
Fred A. Harvey	2		

ROSTER CHANGES IN APRIL

PERSONAL*

Bach, Theodore E., 7415 Sheridan Road, Chicago, Ill. (103 S. 6th St., Champaign, Ill.)
Bartos, Leon, 21 Jarvis Place, Trenton, N. J. (24 Sylvan Ave., Metuchen, N. J.)
Ceresini, Mario, c/o John T. Hanks, 17 Park Ave., New York, N. Y. (6033 Wentworth Ave., Chicago, Ill.)
Cromwell, John T., 199½ S. High St., Columbus, Ohio. (Alliance, Ohio.)
Danielson, R. R., Metal & Thermit Corp., Carteret, N. J. (120 Broadway, New York, N. Y.)
Doorn, C., P. O. Box 199, Alton, Ill. (Robinson, Ill.)
Dougherty, George C., Prizer-Painter Stove Co., Reading, Pa. (Topton Foundry, Topton, Pa.)
Emmitt, Robert R., Mississippi Valley Fuel Co., St. Louis, Mo. (1107 Charles St McKees Rocks, Pa.)

Given, Conrad W., Apt. 212, 2116 W. Venango St., Philade phia, Pa. (Chattanooga Stamping & Enameling Co., Chattanooga, Tenn.)
Grady, George M., Owen China Co., Minerva, Ohio. (Northwestern Terra Cotta Co., St. Louis, Mo.)
Grigsby, Chester E., P. O. Box 935, Baltimore, Md. (Evens & Howard Fire Brick Co., St. Louis, Mo.)
Haeger, David C., 214 W. North St., Morris, Ill. (Keystone Bldg., Aurora, Ill.)
Hazlehurst, Robert P., Spotswood, N. J. (Old Bridge, N. J.)
Hugill, William, Irvingdale, 50 Prince's Road, Hartshill, Stoke-on-Trent, Staffs, England. (5 Plymouth Road, Sheffield.)
Kelly, Paul G., Sparta Ceramic Co., East Sparta, Ohio. (Alfred, N. Y.)
Kirk, Leander R., Universal Sanitary Mfg. Co., New Castle, Pa. (Cambridge Sanitary Mfg. Co., Cambridge, Ohio.)
Lyons, Okey A., 965 Tufts Ave., Royal Oak, Mich. (19932 Andover St., Detroit, Mich.)
McCoy, C. E., 1401 S. Main St., Middletown, Ohio. (2655 Virginia Ave., Ashland, Ky.)
Milliken, Edward, Bowerston Shale Co., Bowerston, Ohio. (1009 N. Water St., Uhrichsville, Ohio.)
Palmer, Theodore H., A. P. Green Fire Brick Co., Mexico, Mo. (907 S. 6th St., Champaign, Ill.)
Reese, Lemuel V., American Laundry Machinery Co., Cincinnati, Ohio. (Erie City Iron Works, Erie, Pa.)
Renfroe, C. L., Georgia Kaolin Co., Dry Branch, Ga. (601 Napier Ave., Macon, Ga.)
Thorpe, Drew M., 106 S. 16th St., Philadelphia, Pa. (960 Ellicott Square Bldg., Buffalo, N. Y.)
Volmar, B. W., Michigan Clay Products Corp., Williamston, Mich. (Membership transferred from Robert F. Cuyler.)
Wheeler, D. D., Research Dept., American Rolling Mill Co., Middletown, Ohio. (15 Bigelow St., Cambridge, Mass.)
Woolley, W. D., Box 349, Tiffin, Ohio. (East Liverpool, Ohio.)

STUDENT*

Griffin, Charles M., 224 Harris Hall, Georgia School of Technology, Atlanta, Ga. (1221 Troupe St., Augusta, Ga.)
Mitchell, Lane, 111 Ceramics Bldg., University of Illinois, Urbana, Ill. (604 E. John St., Champaign, Ill.)

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REPORT OF RULES COMMITTEE ON CONSTITUTION AND BY-LAW AMENDMENTS

Straight "Yes" Vote	413
Straight "No" Vote	41
"Mixed" Vote	18
"Void" Vote	2
Total votes cast	474

"MIXED" VOTES		YES	NO
	Constitution		
Article II	Sec. 1	15	2
	Sec. 5	14	5
	Sec. 6	9	8
	Sec. 13	15	3
	Sec. 14	12	6

STUDENT

Edward E. Callinan, Ohio State University, Columbus, Ohio.
Elmer Francis Cirkal, Missouri School of Mines, Rolla, Mo.
William R. Powell, Missouri School of Mines, Rolla, Mo.

Membership Workers' Record

PERSONAL		PERSONAL (*continued*)	
R. R. Danielson	1	J. H. Stewart	1
Louis Douin	1	Hewitt Wilson	1
K. H. Endell	1	Office	1
R. L. Frink	1	Total	13
George Guthrie	1	STUDENT	
Fred A. Harvey	2	W. F. Copp	1
M. R. Hornung	1	C. M. Dodd	2
J. L. McFarland	1	Total	3
F. L. Steinhoff	1	Grand Total	16

ROSTER CHANGES IN MAY

PERSONAL*

Birch, Raymond E., 416 Oakland Ave., Pittsburgh, Pa. (O. S. U. Engineering Experiment Station, Roseville, Ohio).
Boudreau, James C., 303 Manor Road, Douglas Manor, Long Island, N. Y. (Kew Hall, Kew Gardens, N. Y.)
Callinan, J. Gavin, 1984 N. 4th St., Columbus, Ohio. (P. O. Box 878, Clarksburg, W. Va.)
Cooper, George W., *The Glass Industry*, 24 West 40th St., New York, N. Y. (50 Church St.)
Copp, Warren F., Frigidaire Corp., Dayton, Ohio. (Columbus, Ohio.)
Donnenwirth, A. L., Hanley Company, Summerville, Pa. (A C Spark Plug Co., Flint, Mich.)
French, Gordon E., Box 381, Woodbridge, N. J. (Perth Amboy, N. J.)
Goodrich, Hobart R., P. O. Box 94, Lincoln, Calif. (410 Riverdale Drive, Glendale, Calif.)
Goodson, Clifford C., 69 N. Berkeley Ave., Pasadena, Calif. (8676 Elizabeth, Huntington Park, Calif.)
Gosser, George W., Sistersville, W. Va. (550 Cambridge St., Coshocton, Ohio.)
Hagar, Donald, Cambridge Tile Mfg. Co., Box 836, Cincinnati, Ohio. (Covington, Ky.)
Hutt, Glenn A., Frigidaire Corp., Dayton, Ohio. (Columbus, Ohio.)
Kerr, W. B., W. B. Kerr Corp., 269 Erie Blvd., West, Syracuse, N. Y. (Iroquois China Co., Syracuse, N. Y.)
King, Melvin M., 8 Maple St., Maynard, Mass. (25 E. 4th St., Corning, N. Y.)
Oravec, Joseph A., 237 N. Dithridge St., Pittsburgh, Pa.; Vitro Mfg. Co. (4726 N. Kenton Ave., Chicago, Ill.)
Schoeninger, Irvin W., 6800 Normal Blvd., Chicago, Ill. (525 Marshall St., Milwaukee, Wis.)
Schultz, Frank C., 398 Vista Ave., Pasadena, Calif. (New Mexico Clay Products Co., Albuquerque, N. Mexico.)
Skinner, Sherrod E., 899 Longfellow Ave., Detroit, Mich. (343 Hart St., New Britain, Conn.)
Smith, Charles A., Box 271, Mexico, Mo.; Mexico Refractories Co. (Bigelow-Liptak Corp., Detroit, Mich.)

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Spencer, Charles D., Glass Tech
152nd St., Cleveland, Ohio.
Stevens, Frank J., 414 Prospect S
Uhrmann, Carl J., Jr., 4212 Gilbe
Chicago, Ill.)
Wood, Wallace B., 5600 Miles Av

APPRECIATI(

Monsieur le Secrétaire Général:

We received on our boat the
wishing us a pleasant journey ho
Upon my return to Lunéville,
express to you, as the represent
charming welcome which was ou
for all your attentions however
not spare to surround us, and ab
My colleagues and myself sti
through your land. We have se
and working under that typical A
the success of most of your indus
We wish to thank you espec
AMERICAN CERAMIC SOCIETY an
express our deeply felt thanks t
entertainment.
Finally, please convey our gr
SOCIETY and tell them that we sh
France. Accept, dear Sir, the e

Administrateur Délég

THE JOSIA

The AMERICAN CERAMIC SOCIET
2525 North High Street,
Columbus, Ohio, U. S. A.

Dear Sirs,

I am desired by the Council
to celebrate the Bicentenary of
I believe everything was a grea
meetings must help to bind more
always prevail between our resp

Spencer, Charles D., Glass Technology Laboratory, General Electric Co., 1133 East 152nd St., Cleveland, Ohio. (Nela Park, Cleveland, Ohio.)
Stevens, Frank J., 414 Prospect St., Nutley, N. J. (343 Cortlandt St., Belleville, N. J.)
Uhrmann, Carl J., Jr., 4212 Gilbert Ave., Western Springs, Ill. (6252 S. Central Ave., Chicago, Ill.)
Wood, Wallace B., 5600 Miles Ave., Huntington Park, Calif. (Los Angeles, Calif.)

APPRECIATION FROM FRENCH CERAMISTS

Lunéville, May 12, 1930

Monsieur le Secrétaire Général:

We received on our boat the very kind letter of the AMERICAN CERAMIC SOCIETY wishing us a pleasant journey home.

Upon my return to Lunéville, still in vivid memory of it all, it is my pleasure again to express to you, as the representative of your SOCIETY, our deepest gratitude for the charming welcome which was ours during our journey through the United States, and for all your attentions however unpretentious they may have been, with which you did not spare to surround us, and above all for the very sincere cordiality of your reception.

My colleagues and myself still maintain unforgetfully in our memories the journey through your land. We have seen and admired wonderful factories, perfectly equipped, and working under that typical American management and organization which explains the success of most of your industries.

We wish to thank you especially for the reception tendered us at the office of the AMERICAN CERAMIC SOCIETY and at the University in Columbus and we beg you to express our deeply felt thanks to those who expended so much of their time for our entertainment.

Finally, please convey our gratitude to all the members of the AMERICAN CERAMIC SOCIETY and tell them that we shall be happy to receive them in turn on a trip through France. Accept, dear Sir, the expression of my special devotion.

EDOUARD FENAL
Gérant de la Faiencerie de Badonviller
Administrateur Délégué des Faienceries de Lunéville & de Saint-Clément

THE JOSIAH WEDGWOOD BICENTENARY

28th May 1930

The AMERICAN CERAMIC SOCIETY,
2525 North High Street,
Columbus, Ohio, U. S. A.

Dear Sirs,

I am desired by the Council to thank you for so kindly sending delegates to help us to celebrate the Bicentenary of Josiah Wedgwood. Thanks largely to your assistance, I believe everything was a great success. I hope that they had a good time. These meetings must help to bind more closely the feelings of good fellowship which I trust will always prevail between our respective Societies.

Yours faithfully,

J. W. MELLOR

Committee on Data, George A. Bole, Chairman. Dr. Hall reports that the manuscript will be completed and references checked ready for publication this Fall.

There is every material evidence that this will be a banner year for the SOCIETY. The members will have to boost the membership and the advertising incomes if they succeed in accomplishing this very ambitious and valuable production program.

NEW MEMBERS RECEIVED FROM JUNE 1 TO JULY 1

PERSONAL

Eugene A. Hults, Vice-President, Mathieson Alkali Works, Saltville, Va.
Frederick Laurence Nobes, Ceramic Chemist, The Carborundum Co., Ltd., Manchester, England.
Fred D. Reardon, 5585 Underwood, Detroit, Mich.; Foreman, Champion Porcelain Co., 8525 Butler Ave.

Membership Workers' Record

PERSONAL

G. A. Bole	1
Wm. B. Cleverly	1
Robert Twells	1
Total	3

ROSTER CHANGES IN JUNE

CORPORATION*

Libbey-Owens-Ford Glass Co., H. R. Black (voter), Nicholas Building, Toledo, Ohio. (Libbey Glass Mfg. Co.).
Northwestern Terra Cotta Co., B. Purcell (voter), 4417 Oleatha Ave., St. Louis, Mo. (R. F. Grady (voter)).

PERSONAL*

Allen, F. B., Secretary and Treasurer, Maryland Refractories Co., Dorsey, Md. (86 Market St., Perth Amboy, N. J.)
Beam, James R., Universal Sanitary Mfg. Co., New Castle, Pa. (Bucyrus, Ohio.)
Becker, Otto, New England Fuel and Transportation Co., Everett, Mass. (Hammond, Ind.)
Burr, Robert B., Southern Natural Gas Corp., Watts Bldg., Birmingham, Ala. (Columbus, Ohio.)
Christensen, John B., Jr., Seymour, Mo. (315 N. Coal St., Mexico, Mo.)
Galbraith, Robert, 222 Papin Ave., Webster Groves, Mo. (Crystal Lake, Ill.)
Gerster, C. W., 909 McKinnon Ave., East Liverpool, Ohio; Louthan Mfg. Co. (Columbus, Ohio.)
Gilmore, R. B., 19521 Shoreland Ave., Rocky River, Ohio. (1851 Lampson Rd., Cleveland, Ohio.)
Gregorius, Joseph S., Window Glass Research, Pittsburgh Plate Glass Co., Mt. Vernon, Ohio. (Creighton, Pa.)
Heisel, W. A., Chas. Taylor Sons Co., 18125 Northlawn Ave., Detroit, Mich. (Chicago, Ill.)
Hertzell, E. A., 3415 East St., N. S., Pittsburgh, Pa. (Univ. of Illinois, Urbana, Ill.)
Higgins, Waldo W., 1332 Oakland Ave., Milwaukee, Wis. (1116 W. Illinois, Urbana, Ill.)

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Hodgdon, Frank B., Department of Physics, Massachusetts Institute of Technology, Cambridge, Mass. (Ames, Iowa.)
Hodgdon, Mary Y., No. 2 Myles Standish Apartments, 15 Linnaean St., Cambridge, Mass. (Mary L. Yancey, Ames, Iowa.)
Houser, Victor F., 3234 North Griffin, Los Angeles, Calif. (Whittier Terra Cotta Works, Whittier, Calif.)
Hughes, Thomas J., R. D. No. 5, Clayville, Pa. (573 South Main St., Washington, Pa.)
Humphrey, Ingraham, Carrolton, Ohio. (Lima, N. Y.)
Irving, Donald R., 1438 Poinsettia Place, Hollywood, Calif. (Burbank, Calif.)
Kempf, W. C., 66 College Ave., New Brunswick, N. J. (182 Jefferson St., Perth Amboy, N. J.)
Larkin, Paul G., 1107 Oak St., South Pasadena, Calif.; Pacific Clay Products, Plant No. 4, Los Angeles, Calif. (Spokane, Wash.)
McDonald, Earl F., Ingram-Richardson Mfg. Co., Beaver Falls, Pa. (651 E. Washington St., Frankfort, Ind.)
Meyer, F. R., 7683 Carswold Drive, Clayton, Mo. (Rochester, Pa.)
Powell, William R., 604 S. Clark St., Mexico, Mo. (Rolla, Mo.)
Rathjens, G. W., P. O. Box 175, Salt Lake City, Utah. (2182 Stanford Ave., St. Paul, Minn.)
Richardson, Gordon B., Gladding, McBean & Co., Alberhill, Calif. (621 S. Hope St., Los Angleles, Calif.)
Siegrist, Paul F., 4903 St. Elmo Ave., Chattanooga, Tenn. (2801 Hereford St., St. Louis, Mo.)
Simpson, Harold E., 87 Tibet Rd., Columbus, Ohio; Battelle Memorial Inst. (Rutgers Univ., New Brunswick, N. J.)
Starr, C. D., Rehoboth Porcelain Enamel Co., Rehoboth Village, Mass. (9 Codding St., Providence, R. I.)
Strommer, Luther T., Swindell-Dressler Corp., P. O. Box 1753, Pittsburgh, Pa. (1740 E. 12th St., Cleveland, Ohio.)
Svec, J. J., Carey, Ohio. (1304 Clinton Ave., Berwyn, Ill.)
Thompson, Robert A., 2515 Church St., Cleveland, Tenn. (4381 Balfour, Detroit, Mich.)
Vincent, Lawrence A., Swindell-Dressler Corp., P. O. Box 1753, Pittsburgh, Pa. (American Dressler Tunnel Kiln Co., Cleveland, Ohio.)
Weis, J. H., United States Feldspar Corp., Northville, N. Y. (Cranberry Creek, N. Y.)

COMMITTEE ADDITIONS AND CHANGES

Glass Division, Secretary, A. N. Finn, U. S. Bureau of Standards, Washington, D. C.
Refractories Division, Exhibit Committee, A. F. Moranty, Leeds and Northrup Co. Cleveland, Ohio.
White Wares Division, Exhibit Committee, C. C. Treischel, R. T. Vanderbilt Co., New York, N. Y.
Committee on Data, L. Navias, General Electric Co., Schenectady, N. Y.

Committee on Geology

W. M. Weigel, Chairman, Mineral Technologist, Missouri Pacific Railroad Company, 1910 Missouri Pacific Bldg., St. Louis, Mo.
Raymond B. Ladoo, United States Gypsum Co., 300 West Adams St., Chicago, Ill.
Hewitt Wilson, College of Mines, Univ. of Washington, Seattle, Wash.
John W. Whittemore, Prof. of Ceramic Eng., Virginia Polytechnic Institute, Blacksburg, Va.
G. R. Shelton, Bureau of Standards, Columbus, Ohio.

practice the best information extant without at the same time subscribing to the sources of information and keeping in personal touch with their aggressively progressive fact-finding fellows are now without a knowledge surplus; they have no way to turn; they feel that they must patiently accept hard-time reverses. Not so those who are go-getters after knowledge.

You cannot afford to be without personal affiliation with the AMERICAN CERAMIC SOCIETY. You cannot afford as long as you are engaged in ceramics to let this effective fact finding and distributing agency be without adequate support.

Come now—renew your support.

NECROLOGY

D. B. Hall

Donald B. Hall who has been for the past three years employed by the Structural Clay Tile Association as Research Engineer, at the Roseville Plant, O.S.U., died in the Zanesville Hospital of pneumonia August 3. The funeral services were held in Roseville, Monday and the body was taken for burial to Hornell, Mr. Hall's boyhood home.

There is a widow and two small children.

Mr. Hall's death will greatly handicap the Structural Clay Tile Association's research for some time. Mr. Hall's particular contribution was the development of machinery for the production of light-weight structural material.

NEW MEMBERS RECEIVED FROM JULY 1 TO AUGUST 1

CORPORATION

Ukrsylicate of Kharkoff, T. L. Krutko (voter), Kharkoff, U.S.S.R.

PERSONAL

Frank G. Heck, Research Assistant, Department of Ceramics, Rutgers University, New Brunswick, N. J.

Richard O. Hummel, 616 Fordham Parkway, Bay Village, Ohio; Asst. Supt., Cowan Potters, Inc., 19633 Lake Road, Rocky River, Ohio.

Frank A. Lobee, Jr., 841 Elmwood Ave., Buffalo, N. Y.; Sales Representative, McLeon & Henry Co., Troy, N. Y.

Membership Workers' Record

PERSONAL		CORPORATION	
A. E. Baggs	1	Office	1
R. G. Mills	1		
S. F. Walton	1	Grand Total	4
Total	3		

ROSTER CHANGES IN JULY

CORPORATION*

Wheeling Steel Corp., H. F. Zarth (voter), Portsmouth, Ohio. (Carl Burkhalter (voter)).

PERSONAL*

Callinan, Edward E., 103 Jacoby Street, Norristown, Pa.; E. J. Lavino and Co., Plymouth Meeting, Pa. (1984 N. 4th St., Columbus, Ohio.)

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Cunningham, Geoffrey E., Clarkson College of Technology, Potsdam, N. Y. (Iowa State College, Ames, Iowa.)
Foster, Edwin S., 3317½ Austin St., Houston, Texas. (P. O. Box 542, Lincoln, Calif.)
Gates, Wm. D., Crystal Lake, Ill. (228 N. La Salle St., Chicago, Ill.)
Grout, J. R., Jr., Route 3, Danville, Ill. (Coffeyville, Kansas.)
Hertzell, E. A., Harbison-Walker Refractories Co., Chester, Pa. (3415 East St., Pittsburgh, Pa.)
Howell, Harriet, 3 Springland, Toronto, Canada. (355 Winchell Rd., Shaker Heights, Ohio.)
Hunt, Frank S., Batchelder Wilson Co., Los Angeles, Calif. (Rossman Corp., Beaver Falls, Pa.)
Kates, Paul G., 501 N. Central Ave., Chicago, Ill. (415 25th Ave. S., Nashville, Tenn.)
Lampe, Chester E., 728 South 8th St., Quincy, Ill. (4827 Melrose St., Bridesburg, Philadelphia, Pa.)
Meyer, F. R., 247 N. Indiana Ave., Kankakee, Ill. (7683 Carswold Drive, Clayton, Mo.)
Parsons, Joseph R., 23 S. Damen Ave., Chicago, Ill. (Box 3104, Raleigh, N. C.)
Sample, Leslie, 2029 North Nevada Ave., Colorado Springs, Colo. (Van Briggle Pottery.)
Sauereisen, Fred, 2308 Main, Sharpsburg, Pa. (116 S. Sheridan Ave., Pittsburgh, Pa.)
Seabright, Edward C., Y.M.C.A., Room 432, Hamilton, Ohio. (215 15th Ave., Columbus, Ohio.)
Spiker, John E., 1120 Second Ave., Salt Lake City, Utah. (Hawthorne, Calif.)
Spires, Stephen T., 53 Trevalley Rd., Revere, Mass. (329 Edgewood St., N. Canton, Ohio.)
Sutton, W. J., Fukien Christian University, Foochow, China. (Cornell Univ., Ithaca, N. Y.)
Walsh, Edward R., 937 Cross Ave., Elizabeth, N. J. (605 E. Chestnut St., Louisville, Ky.)
Webster, Charles E., 726 Minnesota Ave., Apt. No. 2, South Milwaukee, Wis. (2215 Elmwood Ave., Springfield, Ohio.)
Williams, George A., 15 Remsen Ave., New Brunswick, N. J. (Wunderlich, Ltd., Sydney, Australia.)
Young, C. B., Mineral Brick Co., Mineral City, Ohio. (New Lexington, Ohio.)

NOTES AND NEWS

CERAMIC SCHOOL NOTES

New York School of Clayworking and Ceramics

Of the fourteen engineers graduating in June, those who have so far obtained positions are located as follows:

Leland Armstrong, Carborundum Co., Niagara Falls, N. Y.
Robert Bassett, United States Gypsum Co., Oakfield, N. Y.
William Fabianic, Fellowship North Carolina State College, Raleigh, N. C.
Don C. Lynn, Koppers Laboratory, Mellon Institute, Pittsburgh, Pa.
James C. Mays, Carborundum Co., Niagara Falls, N. Y.
R. Karl Smith, Fellowship University of Illinois, Urbana, Illinois
Ernest H. Spencer, Harbison-Walker Refractories Co., Hays, Pa.

The others are making arrangements but are not yet settled.

Some of the men who secured summer jobs were: Eugene Bryant, Cambridge Tile Co., Covington, Ky.; Harold Huffcutt and Meredith Barton, Hanley Brick Co., Summerville, Pa.; Raymond Shremp, Fiske & Co., Darlington, Pa.; and Earl Beeton, Buckeye Ceramic Co., Cincinnati, Ohio.

J. Spotts McDowell, Harbison-Walker Refractories Co., Farmers Bank Bldg., Pittsburgh, Pa.
L. J. Trostel, General Refractories Co., Baltimore, Md.
Chas. J. Geiger, The Carborundum Co., Perth Amboy, N. J.

SUPPLEMENTARY RESEARCH PROBLEMS

Fire Brick

(1) Aluminous fire brick deform greatly under load at high temperatures as compared with siliceous fire brick. Is the great deformation of the aluminous brick due entirely to the continued shrinkage of the aluminous materials as opposed to the long-continued expansion of crystalline silica? Is it due in part to differences in the nature of the interstitial glass or are there other contributing factors?

(2) Certain raw clays on being heated approximately to 1100°C, supposedly release free silica as cristobalite. One of the proofs that this is cristobalite is based on the fact that such material, when reheated, shows a decided thermal expansion at approximately 175 to 200°C. It is commonly accepted that cristobalite has a variable inversion temperature depending on its previous history, the inversion ranging from 200 to 275°C. As the sudden expansion in the case of these clays is largely below 200°C, is this merely another instance of the variable inversion temperature of cristobalite or is there some other explanation for this phenomenon?

(3) In their range of usefulness, increase in the temperature of firing of fireclay refractories increases the temperature at which they fail in both compression and transverse tests under constant load. What are the limits of this increase compared with the vitrification range of the material and with the silica-alumina ratio?

(4) Certain refractory clays tend to crack more in firing than do others. It appears probable that this cracking may be related to the expansion of the raw clays on being heated from room temperature approximately to 1000°C. A study of the thermal expansions of substantially quartz-free clays of varying silica-alumina ratio should be interesting in this connection.

(5) In substantially all quartz-free plastic refractory clays the porosity of the dry unfired piece decreases with increase in transverse strength of the raw dry piece and with the increase in ratio of silica to alumina. Additional data on this point should prove valuable in clay testing as standards from which to predict properties of new materials.

NEW MEMBERS RECEIVED FROM AUGUST 1 TO SEPTEMBER 1

PERSONAL

Robert K. Beck, 7511 Jeffries Ave., Cleveland, Ohio; Superintendent, Cleveland Brick & Clay Co.

Henry G. Begeman, General Manager, General Kiln & Furnace Corp., 225 Broadway, New York, N. Y.

Heinrich Gerhardt, Ceramic Engineer, General Ceramics Co., Keasbey, N. J.

Elliot P. Rexford, 2254 Fairfax Rd., Columbus, Ohio; U. S. Bureau of Standards.

William Singleton, Chief Research Chemist, Associated Lead Mfrs., Ltd., Research Laboratory, Brimsdown, Middlesex, England.

The record for membership workers for this month is as follows: W. E. S. Turner, 1; E. J. Vachuska, 1; F. A. Whitaker, 2; and Office, 1; total 5, personal.

ROSTER CHANGES IN AUGUST

CORPORATION*

Mansfield Vitreous Enameling Company, Roy D. Beck (voter), Mansfield, Ohio. (C. P. McFarland (voter).)

* Addresses within the parentheses represent the old address.

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Terra Cotta Products Corp., Ri
City, N. Y. (New York Ai

Bennett, Dwight G., 628 Cleve
paign, Ill.)
Berkman, A. S., c/o J. D. Freel
176th St.)
Callinan, J. Gavin, P. O. Box 2
Ohio.)
Cavanaugh, Dan J., The Hanl
Cole, A. H., 456 Wealthy Ave.
Ohio.)
Copp, Warren F., Testing Lat
(Columbus, Ohio.)
Crisfield, A. P., 2109 Eoff St., W
Doorn, Cornelius, 854 Montros
Drake, Arthur D., Rockford Bi
Dressler, Philip, 950 North N
Corp. (1543 E. Boulevard,
Given, Conrad W., Ferro Enam
delphia, Pa.)
Haney, Howard L., Harshaw
Terminal Way, S. S., Pittsb
Hansard, W. C., 732 Riverside
more Ave., Glenside, Pa.; I
Hasslacher, Geo. F., 24 Gram
Chemical Co., New York, N
Kaeppel, Herbert V., 59 E. Van
(407 S. Dearborn St.)
Kraner, Hobart M., Westingh
Pa.)
Nicholson, Clifford M., No. 4 R
College Drive, Saskatoon, S
Pressler, E. E., 311 Essex St., S
Rhead, John, 764 Kimball Pl
Ohio.)
Robson, H. L., 8116 W. Rivers
Richmond, Calif.)
Schaeffer, J. A., Eagle-Picher
Louis, Mo.)
Schweickhardt, W. K., 3249 L
Stein, Alan, Millfield, Polmont,
Steinhoff, F. L., 59 E. Van B
(407 S. Dearborn St.)
Svec, J. J., 1304 Clinton Ave.,
Walworth, Chester A., Libbey
Owens Sheet Glass Co.)
Wormhoudt, G. H., 7 Seward I

Terra Cotta Products Corp., Richard F. Dalton (voter), 401 Vernon Ave., Long Island City, N. Y. (New York Architectural Terra Cotta Co.)

PERSONAL*

Bennett, Dwight G., 628 Cleveland Ave., Elizabeth, N. J. (404 E. Daniel St., Champaign, Ill.)

Berkman, A. S., c/o J. D. Freeland, 53 Park Place, Room 406, New York, N. Y. (500 176th St.)

Callinan, J. Gavin, P. O. Box 202, Chillicothe, Ohio. (1984 N. Fourth St., Columbus Ohio.)

Cavanaugh, Dan J., The Hanley Co., Summerville, Pa. (State College, Pa.)

Cole, A. H., 456 Wealthy Ave., Grand Rapids, Mich. (1300 Leader Bldg., Cleveland, Ohio.)

Copp, Warren F., Testing Laboratory, Plant No. 2, Frigidaire Corp., Dayton, Ohio. (Columbus, Ohio.)

Crisfield, A. P., 2109 Eoff St., Wheeling, W. Va. (Atlanta, Ga.)

Doorn, Cornelius, 854 Montrose Ave., Chicago, Ill. (Alton, Ill.).

Drake, Arthur D., Rockford Brick and Tile Co., Rockford, Iowa. (Columbus, Ohio.)

Dressler, Philip, 950 North Negley Ave., E., E. Pittsburgh, Pa.; Swindell-Dressler Corp. (1543 E. Boulevard, Cleveland, Ohio.)

Given, Conrad W., Ferro Enamel Corp., Research Laboratory, Cleveland, Ohio. (Philadelphia, Pa.)

Haney, Howard L., Harshaw Chemical Co., Terminal Office Bldg., Carson St. and Terminal Way, S. S., Pittsburgh, Pa. (1945 E. 97th St., Cleveland, Ohio.)

Hansard, W. C., 732 Riverside St., Trenton, N. J.; Whitehead Pottery Co. (175 Lismore Ave., Glenside, Pa.; Enfield Pottery & Tile Works.)

Hasslacher, Geo. F., 24 Gramercy Park, New York, N. Y. (Roessler & Hasslacher Chemical Co., New York, N. Y.)

Kaeppel, Herbert V., 59 E. Van Buren, Room 1500, Chicago, Ill.; *Brick & Clay Record*. (407 S. Dearborn St.)

Kraner, Hobart M., Westinghouse Electric & Mfg. Co., Derry, Pa. (E. Pittsburgh, Pa.)

Nicholson, Clifford M., No. 4 Reinhorn Apts., 11th Ave., Regina, Sask., Canada. (1036 College Drive, Saskatoon, Sask.)

Pressler, E. E., 311 Essex St., San Antonio, Texas. (501 N. Central Ave., Chicago, Ill.)

Rhead, John, 764 Kimball Place, Columbus, Ohio. (112 N. Ardmore Ave., Bexley, Ohio.)

Robson, H. L., 8116 W. Rivershore Drive, Niagara Falls, N. Y. (1614 Roosevelt Ave., Richmond, Calif.)

Schaeffer, J. A., Eagle-Picher Lead Co., 305 St. Clair Ave., East St. Louis, Ill. (St. Louis, Mo.)

Schweickhardt, W. K., 3249 Lafayette Ave., St. Louis, Mo. (Box 2336, Auburn, Ala.)

Stein, Alan, Millfield, Polmont, Stirlingshire, Scotland. (Glenbervie, Larbert.)

Steinhoff, F. L., 59 E. Van Buren, Room 1500, Chicago, Ill.; *Brick & Clay Record*. (407 S. Dearborn St.)

Svec, J. J., 1304 Clinton Ave., Berwyn, Ill. (Carey, Ohio.)

Walworth, Chester A., Libbey-Owens-Ford Glass Co., Charleston, W. Va. (Libbey-Owens Sheet Glass Co.)

Wormhoudt, G. H., 7 Seward Place, Schenectady, N. Y. (Box P, Sta. A, Ames, Iowa.)

Blake, A. E., 207 Malvern Apts., 93 Seward St., Detroit, Mich. (1115 Dickinson Rd., West Brookline, Pa.)
Brannon, W. F., Leeds & Northrup Co., 4901 Stenton Ave., Philadelphia, Pa. (124 Elizabeth, Atlanta, Ga.)
Brauer, W. L., A. J. Lindemann & Hoverson Co., Milwaukee, Wis. (Ames, Iowa.)
Cross, James A., Robinson Clay Products Co., Mogadore, Ohio. (388 Reinhard Ave., Columbus, Ohio.)
Curtis, C. E., Matanuska, Alaska. (Univ. of Washington, Seattle, Wash.)
Eddy, Allerton, 33 W. Washington St., Newnan, Ga. (Southern Natural Gas Corp., Birmingham, Ala.)
Grady, John H., Winkle Terra Cotta Co., 5739 Manchester Ave., St. Louis, Mo. (National Fireproofing Corp., E. Canton, Ohio.)
Grout, J. R., Jr., B. Mifflin Hood Brick Co., Daisy, Tenn. (Route 3, Danville, Ill.)
Hainsfurther, R. M., Pittsburgh Plate Glass Co., Pittsburgh, Pa. (912 Lock St., Tarentum, Pa.)
Hellmers, Henry T., 428 North 10th St., Cambridge, Ohio. (213 Waverly Way, Clarksburg, W. Va.)
Johnson, Glenn W., General Electric Co., Pittsfield, Mass. (427 8th Ave., Grinnell, Iowa.)
Kimes, Arthur W., *National Glass Budget*, Rooms 405–406, 313 Sixth Ave., Pittsburgh, Pa. (426 Fourth Ave.)
Meyer, Herbert T., Porcelain Enamel & Mfg. Co., Baltimore, Md. (Box 3051, Raleigh, N. C.)
Meyer, Theo., Norton Company, Worcester, Mass. (204 Welch Ave., Ames, Iowa.)
Miller, John B., Pittsburgh Plate Glass Co., Mt. Vernon, Ohio. (706 W. Washington, Urbana, Ill.)
Moncrieff, James W., 1476 Worthington St., Columbus, Ohio. (627 W. 22nd St., Anderson, Ind.)
Ross, William E., Alfred, N. Y. (217 E. Ontario St., Chicago, Ill.)
Rupp, Edwin M., 359 Armstrong Ave., Peru, Ind. (13 E. Maple, Mt. Healthy, Ohio.)
Scripture, Edward W., Jr., 3159 Euclid Heights Blvd., Cleveland Heights, Ohio. (Aluminum Co. of America, New Kensington, Pa.)
Stolte, Norman H., Dept. of Ceramic Engineering, N. C. State College, Raleigh, N. C. (Alfred, N. Y.)
Stone, F. R., Canadian Potteries, St. Johns, Quebec. (537 Sherbourne St., Toronto, Ont., Canada.)
Tait, Leonard G., Box 555, East Liverpool, Ohio. (656 N. 15th St., Sebring, Ohio.)
Taylor, William N., 56 Acton Rd., Columbus, Ohio. (231 Huron St., Toledo, Ohio.)
Thomas, Robert R., Jr., Harshaw Chemical Co., Chicago, Ill. (East St. Louis, Ill.)
Underwood, C. A., 67 Foster Road, Belmont, Mass. (113 Van Nostrand Ave., Englewood, N. J.)
Westall, Charles C., Pittsburgh Plate Glass Co., Pittsburgh, Pa. (912 Lock Street, Tarentum, Pa.)
Williams, George A., Piffard, N. Y. (15 Remsea Ave., New Brunswick, N. J.)

NOTES AND NEWS

COÖPERATION OPPORTUNITY

The following letter was received October 10 from Colin G. Fink, Secretary of the American Electrochemical Society:

Dear Mr. Purdy:

The American Electrochemical Society is devoting one of its sessions at the coming Spring Meeting to be held at Birmingham to "Electrochemistry and Ceramics." We are extending to the members of your SOCIETY a very cordial invitation to attend this session and to actively participate in the discussion.

Coöperative friendship? Sure thing! A friendship founded on mutual benefits. Personal appreciation of you, as well as of your product, is essential in getting business.

The *Journal of the American Ceramic Society* is owned by and operated in coöperation with the men in the ceramic plants who decide on the materials and equipment to be used in their plants.

Your advertisement in their *Journal* is read by the man you most desire to reach and you are at the same time reaching him on a coöperative friendship basis.

Yours very cordially,

Ross C. Purdy, *General Secretary*

NEW MEMBERS RECEIVED FROM SEPTEMBER 1 TO OCTOBER 1

PERSONAL

Oran K. Edwards, 160 Mill St., Portland, Ore.; Manager, Willamina Clay Products Co.

G. Milton Ehlers, 515 Garfield Ave., Milwaukee, Wis.; Chemical Engineer, Globe-Union Mfg. Co.

Frank Paul Henderson, 226 Winnipeg Ave., San Antonio, Texas; Manager, The Southern Co.

Herbert W. Kochs, 53 W. Jackson Blvd., Room 414, Chicago, Ill.; Secretary, Diversey Mfg. Co.

C. Genevieve Lawlor, H.O.J. Pottery, 926 Arcade at Vernon Ave., St. Louis, Mo.

Mary Ruth Lionberger, H.O.J. Pottery, 926 Arcade at Vernon Ave., St. Louis, Mo.

C. B. Stahl, Sherman St., White Hall, Ill.; President and Gen. Mgr., White Hall Sewer Pipe & Stoneware Co.

Walter P. Suter, Designer and Sculptor, American Encaustic Tiling Co., 16 East 41st St., New York, N. Y.

Virgil Henry Waite, Box 83, Elyria, Ohio; Director of Research, McGean Chemical Co.

STUDENT

University of Illinois, Urbana, Ill.

George T. Moore — **Loren Arthur Trabert**

N. Y. State School of Clayworking and Ceramics, Alfred, N. Y.

Henry W. Ellison — **LaVerne A. Messimer**

Iowa State College, Ames, Iowa

Guy Eugene Stong

Membership Workers' Record

PERSONAL		STUDENT	
B. M. Burchfiel	1	Charles R. Amberg	2
F. E. Hodek, Jr.	1	A. I. Andrews	2
Henrietta O. Jones	2	D. A. Moulton	1
C. D. Spencer	1		
George Tyler	1	Total	5
Office	3		
Total	9	Grand Total	14

ROSTER CHANGES IN SEPTEMBER

PERSONAL*

Bennett, Dwight G., Metal & Thermit Corp., 120 Broadway, New York, N. Y. (628 Cleveland Ave., Elizabeth, N. J.)

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Blake, A. E., 207 Malvern West Brookline, Pa.)
Brannon, W. F., Leeds & Elizabeth, Atlanta, Ga.
Brauer, W. L., A. J. Lind
Cross, James A., Robinson Columbus, Ohio.)
Curtis, C. E., Matanuska, A
Eddy, Allerton, 33 W. Wa Birmingham, Ala.)
Grady, John H., Winkle T tional Fireproofing Corp
Grout, J. R., Jr., B. Mifflin
Hainsfurther, R. M., Pitt Tarentum, Pa.)
Hellmers, Henry T., 428 Clarksburg, W. Va.)
Johnson, Glenn W., Gene Iowa.)
Kimes, Arthur W., *Nation* Pa. (426 Fourth Ave.)
Meyer, Herbert T., Porcel leigh, N. C.)
Meyer, Theo., Norton Con
Miller, John B., Pittsburgh Urbana, Ill.)
Moncrieff, James W., 147 Anderson, Ind.)
Ross, William E., Alfred, N
Rupp, Edwin M., 359 Arms
Scripture, Edward W., Jr., minum Co. of America,
Stolte, Norman H., Dept. (Alfred, N. Y.)
Stone, F. R., Canadian Po Ont., Canada.)
Tait, Leonard G., Box 555
Taylor, William N., 56 Ac
Thomas, Robert R., Jr., P
Underwood, C. A., 67 Fost wood, N. J.)
Westall, Charles C., Pittsl Tarentum, Pa.)
Williams, George A., Piffar

C

The following letter wa
American Electrochemical

Dear Mr. Purdy:

The American Electroc
Spring Meeting to be held
are extending to the memb
session and to actively pa

NEW MEMBERS RECEIVED FROM OCTOBER 1 TO NOVEMBER 1

Corporation

Belden Brick Co., P. B. Belden (voter), Canton, Ohio.
Delaware Clay Co., Lonnis Denison (voter), Box 352, Delaware, Ohio.
Detroit Electric Furnace Co., Edwin L. Crosby (voter), 825 W. Elizabeth St., Detroit, Mich.
General Alloys Co., W. K. Leach (voter), 405 West First St., Boston, Mass.
Illinois Electric Porcelain Co., C. W. Kettron (voter), Macomb, Ill.
New Castle Refractories Co., Roger W. Rowland (voter), P. O. Box 193, New Castle, Pa.
Stark Brick Co., J. H. Stewart (voter), Box 258, Canton, Ohio.

Personal

H. B. Bardwick, Box 406, Ottawa, Ill.; Mid West Brick Company.
Paul Bechtner, 608 S. Dearborn St., Chicago, Ill.; General Manager, American Colloid Co.
George F. Clippert, Director, Clippert Brick Co., Box 3, 31st St. P. O. Station, Detroit, Mich.
Alfred W. Gauger, 1122 Reeves Drive, Grand Forks, N. D.; Director of Division of Mines & Mining Engineering, Univ. of N. D.
John Raymond Gill, 450 Sutter St., San Francisco, Calif.; Dentist and Associate Professor at Univ. of Calif. Dental School.
Cameron Gerald Harman, Research Assistant, Department of Ceramics, Iowa State College, Ames, Iowa.
Alfred M. Hoff, Superintendent, Bohn Refrigerator Co., 1350 University Ave., St. Paul, Minn.
Clarence Arthur Jacoby, 415 South 5th St., Harrison, N. J.; Development Engineer, R.C.A. Radiotron Co., Inc.
Roy H. Jaeger, 4937 Winona St., St. Louis, Mo.; O. Hommel Co.
Robert Maurice Kennedy, 5719 Fairoaks St., Pittsburgh, Pa.; President and General Manager, Sherwood Bros. Co., New Brighton, Pa.
Wm. Koebby, 3190 S. Kingshighway Blvd., St. Louis, Mo.
Edward Meeka, Eagle Picher Lead Co., Joplin, Mo.; Research Ceramist.
Carroll Lester Moore, Technical Director in Research & Engineering, Columbus Dental Mfg. Co., 634 Wager St., Columbus, Ohio.
James Plummer Raugh, District Sales Mgr., General Refractories Co., 2328 Union Trust Bldg., Detroit, Mich.
Edward A. Tapper, 4701 Floral Drive, Los Angeles, Calif.; Mgr. and Supt., Davidson Brick Co.
Friedrich Zapp, "Porzellanverband," Karlsbad, Czechoslovakia.

Student

University of Illinois, Urbana, Ill.

Wayne Alvin Deringer
Robert J. Whitesell

Ohio State University, Columbus, Ohio

Donald R. Baker
Frank Moorland Edwards
Robert D. Evans
Kenneth E. Harman
Walter Hayes
Paul G. Herold
Robert William Hopkins
Arthur Joseph Metzger
Ralph Richard Rhodes
Karl Schwartzwalder
Jack Edwin Trees
Francis J. Williams

Membership Workers' Record

Corporation		Student	
J. H. Stewart	1	A. I. Andrews	2
Office	6	Office	12
Total	7	Total	14

PERSONAL		PERSONAL (continued)	
W. E. Budge	1	Arthur S. Watts	1
Paul E. Cox	2	W. F. Wenning	1
Geo. A. Forbes	1	Office	7
F. G. Jaege	1		—
Louis T. Meyer	1	Total	16
Charles D. Spencer	1	Grand Total	37

ROSTER CHANGES IN OCTOBER

HONORARY*

Milliken, William M., Director, Cleveland Museum of Art, Cleveland, Ohio. (Membership transferred from F. A. Whiting.)

CORPORATION*

S. Obermayer Co., Theo. Kauffmann, Jr. (voter), 2563 W. 18th St., Chicago, Ill. (Membership transferred from Theo. Kauffmann, Jr.)

PERSONAL*

Baddeley, Frank, 1415 Bank St., S. Pasadena, Calif. (2740 California St., Huntington Park, Los Angeles, Calif.)
Bennett, Dwight G., Metal & Thermit Corp., Carteret, N. J. (120 Broadway, New York, N. Y.)
Bond, W. F., 3348 Delaware Ave., Buffalo, N. Y. (Ferro Enameling Co., Cleveland, Ohio.)
Briggs, Leonard S., 12 Arborlea Ave., Morrisville, Pa. (Box 694, Trenton, N. J.)
Brown, C. H., Jr., Fort Morgan, Colo. (407 Welch Ave., Ames, Iowa.)
Burr, Robert B., 183 Poplar Circle, Apt. 7, Atlanta, Ga. (Southern Natural Gas Corp., Watts Bldg., Birmingham, Ala.)
Cirkal, Elmer F., Southard, Okla. (4630 Gravois Ave., St. Louis, Mo.)
Clark, Paul M., 261 High St., Macon, Ga. (450 Broyles, Atlanta, Ga.)
Dively, G. S., North American Refractories Co., 1012 National City Bank Bldg., Cleveland, Ohio. (Mount Union, Pa.)
Ferguson, Richard D., 1651 Bellaire, Denver, Colo. (2322 Whitman St., San Diego, Calif.)
Greaves-Walker, A. McKinley, 317 W. 10th Ave., Columbus, Ohio. (N. C. State College, Raleigh, N. C.)
Haeger, David C., 4 Fordham, Aurora, Ill. (214 W. North St., Morris, Ill.)
Harrington, Henry W., 715 Center St., Ironton, Ohio. (Beechwood Heights, Portsmouth, Ohio.)
Horning, Roy A., Armstrong Cork Co., Pittsburgh, Pa. (Beaver Falls, Pa.)
Hosmer, Madeline F., 3102 33rd Ave. S., Seattle, Wash. (Severna Park, Md.)
Hull, Walter A., 227 Clinton Ave., Oak Park, Ill. (Cicero, Ill.)
Jensen, H. O. Busch, Amagerbrogade 51, Copenhagen, Denmark. (2506 Barclay St., Baltimore, Md.)
Johnson, H. E., Johns-Manville Corp., Manville, N. J. (Waukegan, Ill.)
Kurtz, Thomas N., North American Refractories Co., Mt. Union, Pa. (641 Oliver Bldg., Pittsburgh, Pa.)
Lai, Chi Fang, Central Industrial Laboratory, Ministry of Industry, Commerce, & Labor, Wei Long Ki, Sha Vua Chiao, Nanking, China. (3810 Pier St., Pittsburgh, Pa.)
Lawson, Geo. G., 1709 Livingston St., Evanston, Ill. (1218 Forest Ave., Wilmette, Ill.)
McNerney, Edward A., 624 S. Main St., DuBois, Pa. (25 Sanford St., Bradford, Pa.)
McNerney, Francis D., 114 Ulysses St., Mt. Wash., Pittsburgh, Pa. (Y.M.C.A., Bradford, Pa.)

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Meyer, F. R., Dunton, Colo. (247 N. Indiana Ave., Kankakee, Ill.)
Miller, Fred W., 13 Rynda Road, Maplewood, N. J. (56 Cedar Ave., Newark, N. J.)
Moser, John L., 3972 Pasadena Ave., Los Angeles, Calif.; Pacific Clay Products. (411 McKinley, Middletown, Ohio.)
Pressler, E. E., 501 N. Central Ave., Chicago, Ill. (311 Essex St., San Antonio, Texas.)
Reif, Richard E., 261 Schiller, Elmhurst, Ill. (R.F.D. 3, Syracuse, Ind.)
Richard, Harry H., North State Feldspar Corp., Micaville, N. C. (630 W. State St., Trenton, N. J.)
Sample, Leslie, 1432 N. Foothill Blvd., Pasadena, Calif. (2029 N. Nevada Ave., Colorado Springs, Colo.)
Schaefer, Earl F., 900 E. 5th St., Alton, Ill.; Owens-Illinois Glass Co. (212 E. Green St., Champaign, Ill.)
Schild, R. M., Cedar Falls, Iowa. (Ames, Iowa.)
Sherwood, Robert F., P. O. Box 182, Syracuse, N. Y. (Solvay, N. Y.)
Slaven, S. J., Abrasive Company, Tacony & Fraley Sts., Philadelphia, Pa. (632 E. Whittier St., Columbus, Ohio.)
Spires, Stephen T., New Straitsville, Ohio. (53 Trevalley Rd., Revere, Mass.)
Wassman, John R., 4608 Dover St., Chicago, Ill. (Barnes Mfg. Co., Mansfield, Ohio.)
Zehm, Robert C., 3600 Bellevue Ave., Los Angeles, Calif. (Alberhill, Calif.)

NOTES AND NEWS

HOTEL ROOM ENTERTAINMENT

At a meeting of the National Exhibition Managers Association held in Chicago November, 1929, the subject of room entertainment occupied a prominent place on the program. The subject was discussed thoroughly and from every angle. They unanimously passed a resolution:

"WHEREAS, the practice of lavish, unwarranted, and wholesale entertainment in hotel rooms and elsewhere is being indulged in by certain exhibitors of national associations and other attending conventions, resulting in conditions inimical to the best interests of associations generally, and

"WHEREAS, such practices detract from and tend to defeat the purposes of such conventions, reflect discredit on the men of the industries, and discourage companies from sending their representatives to such conventions, to say nothing of the resulting excessive and unnecessary expense incident thereto, all of which is contrary to good business ethics, now therefore, be it

"RESOLVED, by the National Exhibition Managers Association, at its annual meeting held in the city of Chicago, Illinois, November 8, 1929, that this association go on record as discouraging and disapproving such practices as they constitute an unwarranted expense which cannot justifiably be charged against the expense of exhibiting, but usually is, and be it

"FURTHER RESOLVED, that the National Exhibition Managers Association hereby votes to suggest to the executive boards of the various associations represented in its membership, the desirability of calling upon all exhibitors and members of such national association to coöperate in helping to abate a nuisance which is tending to threaten the understructure generally of conventions and exhibitions."

The Chicago newspapers became quite interested and as a result some favorable comments appeared in the press. Later a copy of this resolution went before the governing board of the A.E.R.A. who heartily endorsed it, with instructions that it be transmitted to all members of the association.

The Cleveland Local Committee passed a similar resolution regarding room enter-