

The Knowledge Bank at The Ohio State University
Ohio State Engineer

Title: Alumni News

Issue Date: Jan-1925

Publisher: Ohio State University, College of Engineering

Citation: Ohio State Engineer, vol. 8, no. 2 (January, 1925), 20, 29.

URI: <http://hdl.handle.net/1811/33666>

Appears in Collections: [Ohio State Engineer: Volume 8, no. 2 \(January, 1925\)](#)



Doctor Homer D. Holler, a graduate of Dennison University, who many years ago was the first Doctor's candidate at Ohio State University, in what is now the Department of Chemical Engineering, has completed a monumental investigation upon the "Theory and Performance of Rectifiers." This is published, together with J. P. Schrodt, as Technological Paper No. 265 of the United States Bureau of Standards.

This work investigates the performance of various types of rectifiers used for charging batteries and presents the theoretical principles used by the authors as the basis of explaining rectifier performance. Aluminum, tantalum, thermionic, and magnetic vibrating types of rectifiers were studied. The degree of rectification was also studied. Various factors were studied and developed to increase the efficiency of rectifiers.

Explanations were arrived at as to performance under different conditions and demonstrated by means of oscillograms as well as performance curves. The theory of rectification as it occurs during the process of charging the battery was developed. An equation and methods of computation has been developed from which the battery voltage for maximum output may be determined.

ELECTRICAL ENGINEERING

Mr. E. B. Lloyd '17, has returned to Buenos Ayres, Argentine Republic, after a visit with his parents at Crestview, Ohio. He has been engaged in electrical work in South America a number of years for the Automatic Electric Co.

Mr. Harold R. Lewis '23, is on the Columbus sales force of the General Electric Company.

Mr. John Dunham '24, is with the Tennessee Power and Light Co. at Chattanooga, Tenn.

Mr. Russel P. Egry '24, is with the Duquesne Power and Light Co. at Pittsburgh, Pa.

Mr. Harold Wasson '24, is in charge of the Warren office of the Lincoln Electric Co. at Warren, Ohio.

Mr. H. E. Nelson '24, is with the Fort Wayne branch of the General Electric Co.

Mr. Max Rayburn '24, is with the Buckeye Steel Castings Co. at Columbus, Ohio.

Mr. H. W. Rettig '24, is teaching in the high school at Mantau, Ohio.

Mr. P. E. Rush '24, is an assistant instructor in the Dept. of Electrical Engineering at the Ohio State University this year.

Mr. F. W. Thaiss '24, is with the Ohio Bell Telephone Co. at Toledo, Ohio.

Mr. H. A. Thurston '24, is with the Columbus Rail, Power and Light Co. at Columbus, Ohio.

Mr. H. E. Courtney '18, is with the Doherty interests in New York City.

Mr. W. M. Kellogg '23, is teaching at the University of Arizona, Tucson, Ariz.

CERAMIC ENGINEERING

Mr. H. E. Davis '19, is with the Tropico Potteries Co. at Los Angeles, Calif.

Mr. Geo. P. Fackl '07, of the Denver Terra Cotta Co.,

has combined his interests with the Northwest Terra Cotta Co. at Chicago and spends one half of each month at Chicago and the other half at Denver.

Mr. A. C. Gerber '15, is now with the Electric Porcelain and Mfg. Co. at Trenton, N. J.

Mr. K. M. Kautz '23, is now with the St. Louis Terra Cotta Co. at St. Louis, Mo.

Mr. H. J. Knollman '12, is now with the Vitrifrac Incorporated at Los Angeles, Calif.

Mr. Hobart N. Kraner '22, has resigned from the A. C. Spark Plug Co. and has accepted a position as Ceramic Engineer at the Illinois Porcelain Co. at McComb, Ill.

METALLURGICAL ENGINEERING

Mr. Geo. Putnam is assistant superintendent of open hearth at the American Rolling Mills Co., Middletown, Ohio.

Mr. Robt. E. Strafford '24, is with the Youngstown Sheet and Tube Co. at Youngstown, Ohio.

Mr. G. D. Brooks '16, is in charge of fuel problems in connection with new constructions for the Colorado Fuel and Iron Co. at Pueblo, Colo.

Mr. Y. J. Bruce '23, is with the Jones and Laughlin Steel Corporation, South Side Works, Pittsburgh, Pa.

Mr. R. F. Stillwell '23, is with the Consolidated Power and Light Co. at Huntington, W. Va.

Mr. S. F. Bradel '23, is at Buffalo, N. Y. with the Donner-Union Coke Corporation.

MECHANICAL ENGINEERING

Mr. Walter N. Ford '24, is working as a draftsman with the Pennsylvania Rubber Co. at Jeanette, Pa., and is living at 107 N. 9th Street.

Mr. H. D. Gibson '22, is with the Ingersoll-Rand Co. of New York City and has applied for Junior membership in the A. S. M. E.

Mr. Harold D. Jones '24, is working in the drafting room of the Mt. Vernon Bridge Co., Mt. Vernon, Ohio, and is living at 611½ Gambier Street.

Mr. Wayne M. Dornbierer '22, is Assistant Superintendent in the field for the Middle States Construction Co., 524 E. Hudson Street, Columbus, Ohio. His home address is 1784 Bryden Road. At present he is installing the conveying and elevating system for the new chemical plant of the Ford Motor Company at Iron Mountain, Mich.

Donald E. McGuire '23, is in the drafting room of James B. Clow and Sons at Coshocton, Ohio. His home address is 732 S. Lawn Ave., Coshocton.

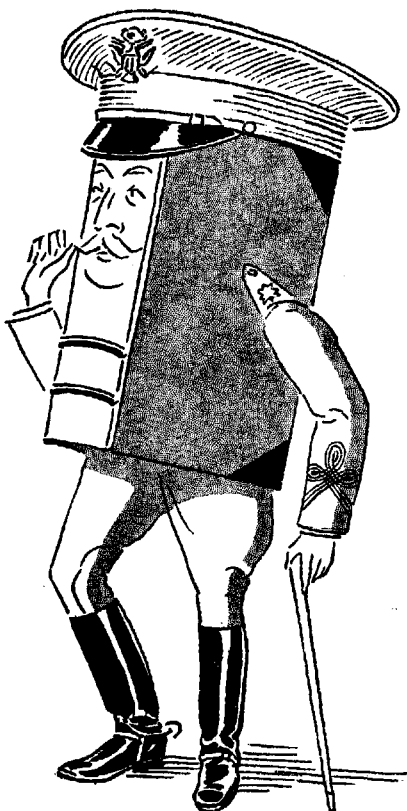
Mr. N. M. Rieger '23, was married on Thursday, October 13, 1924, to Miss Dorothy Jean Hill at Dayton, Ohio.

Mr. L. G. Leichner '22, is now with the American Rolling Mill Co., Ashland, Ky., in the Operation and Maintenance Department.

Mr. Loy A. Updegraff '23, is now with the Empire Refineries Co. at Ponca City, Okla., and is employed in one of the refineries.

Harold G. Walters '24, has been transferred from the Empire Refineries Co. of Bartlesville, Okla., to the

(Continued on page 29)



Is he a hard taskmaster or a loved leader?

IF you are a good soldier, you take orders from the major. But there is a great deal of difference whether you find the training an irksome routine or an enjoyable development.

When you follow the right major in your course, the work can become vitally interesting, and your college career will be more worthwhile.

"But what is my right line of work?," may be a puzzling question. All the thought you can give to finding the answer will be fully repaid. Analyze yourself and you will surely discover your natural aptitude.

And when you've found what line you feel you ought to follow, stick to it. Stand by your major and your major will stand by you.

*Published in
the interest of Elec-
trical Development by
an Institution that will
be helped by what-
ever helps the
Industry.*

Western Electric Company

Since 1869 makers and distributors of electrical equipment

Number 44 of a series

Our low overhead and my personal attention is why we can give you \$10.00 values in the latest creations of oxfords for \$8.00

HARRY TODD
Shoes and Haberdashery

1708 NORTH HIGH STREET, OPP. O. S. U. CAMPUS

Black and Galvanized **SHEETS** Tin and Terne Plates

We manufacture SHEET AND TIN MILL PRODUCTS for all purposes — American Bessemer, and American Open Hearth Steel Sheets, Keystone Copper Steel *rust-resisting* Sheets, Apollo Galvanized Sheets, Formed Roofing and Siding Products, Culvert and Flume Stock. Sheets for Special Purposes, Roofing Tin Plates, Bright Tin Plate, Black Plate, Etc.



AMERICAN SHEET AND TIN PLATE COMPANY, Frick Bldg., Pittsburgh, Pa.
Every engineer should have our booklets describing Keystone Copper Steel

*You'll Smile With
Satisfaction*

When you wear fit-to-measure
Satis-Factory Shoes

GUST'S SHOE REPAIRING
SIXTEENTH AVENUE AND HIGH STREET
Basement

Bell, North 4412

Citizens 12052

FEBRUARY 14

St. Valentine Flowers



BLOCK FLORAL
NO. 11 SIXTEENTH AVENUE

ALUMNI NOTES

(Continued from page 20)

budget department of the Henry L. Doherty Co., 60 Wall St., New York City.

In a recent letter from Prof. R. S. King, head of the Department of Mechanical Engineering at the Georgia School of Technology, Atlanta, Ga., he states that Prof. F. E. Snow is head of the Department of Civil Engineering and that they have three other Ohio State men on the faculty, or five in all.

Mr. R. E. Kaiser '22, is in the maintenance department of the Gresselli Powder Co., Cleveland, Ohio.

Mr. Vincent DeMelto '22, is with the Ohio Inspection Bureau at Cleveland.

Mr. C. H. Wachalec '22, is with the Kenton Hardware Co., Kenton, Ohio.

Mr. E. E. Bright '22, is with the U. S. Radiator Corporation at the Detroit Works.

Mr. A. A. Straub '06, is with the Electric Bond and Share Co., 71 Broadway, New York City. This is said to be the largest public utility operating company in this country.

Mr. W. R. Chambers '04, is chief engineer of construction of the American Steel Castings Co., with headquarters in Chicago.

Mr. Luis Peresutti '24, is now Government Superintendent of Boiler Inspection in Argentina. His home is still in Santa Fé.

CIVIL ENGINEERING

G. S. Burrell, '04, is Commander, Corps of Civil Engineers, U. S. Navy, stationed at Philadelphia. He was a visitor on the Campus in November.

Oliver G. Shafer, '10, is County Surveyor of Noble County, Caldwell, Ohio.

S. V. Bucher, '08, is Prin. Ass't Engineer, New York Central lines, Columbus, Ohio.

Floyd L. Hawkins, '10, is Asst. Engr., State Highway Department, in charge of two or three counties, at Martinsburg, W. Va.

H. D. Row, ex-11, is Division Engineer for the Erie Railroad at Huntington, Ind.

Albert T. Rosch, '12, is engaged in Civil and Mining Engineering at New Philadelphia, O., in the firm of Arnold, Rosch and Hartline.

Herbert S. Bear, '14, writes from Port-au-Prince, Haiti, where he is a Lieutenant in the Corps of Civil Engineers of the U. S. Navy. He reports his work to be most interesting.

J. W. Mercer, '15, is located at 310 Black Hawk Bldg., Waterloo, Iowa, where he is an Engineer for the A. Olson Construction Co., bridge contractors.

T. H. Bower, '16, writes recently from New York City after his return from Persia, where he is so engaged in construction work for the Near East Relief Commission.

S. B. Folk, '20, is Asst. Prof. of C. E. at North Dakota Agricultural College. His address is Agricultural College, North Dakota.

C. A. Campbell, '20, is District Manager for the Nordyke and Marmon Co., with headquarters at New Orleans. He has charge of territory reaching from Alabama to Texas.

H. R. Wheeler, '20, is with the American Rolling Mill Co. at Ashland, Ky.

F. H. Brown, '21, was a caller on the Campus recently. He is with the State Highway Department and is located at Peoria, Ill.

H. K. Dingey, '22, died November 27th from injuries sustained in an automobile accident while returning from the football game at Illinois on November 23d.