George E. Middleton, Cer. E. '12, who for a number of years was assistant examiner in the United States Patent Office in Washington, is now a practicing attorney in New York City. Mr. Middleton received his law degree from George Washington University in 1916.

While attending the University, he was very active in student activities. During his senior year he was president of the Ceramic Society and during his junior year served as a member of the "Mako" Staff. For a short time after graduation he was employed by the Northern Clay Company, at Auburn, Washington. Mr. and Mrs. Middleton and their daughter Anne live at 812 Dixie Lane, Plainfield, New Jersey.

Accepts Position in Paris

Mr. Owen A. Thompson, who received his M. Sc. degree from the Chemical Engineering Department in June of 1931, has accepted a position with the Citroen at Paris, France, on Rubber and Electro-plating problems. After completing his Bachelor of Chemical Engineering work in 1925, Mr. Thompson accepted a position with the B. F. Goodrich Company, Akron, Ohio, as Chemical Engineer. Mr. Thompson left for Paris, France in July and plans to return to the Chemical Engineering Department next year to complete his work on his Doctorate Degree.

Develop New Accessory

Mr. Herbert DeWeese, Ex. '32, Eng. Physics, and Robert F. Zimmerman, E.E. '31, have developed a new and novel type short wave converter to be attached to any ordinary radio receiver. The novelty of the device lies in its simplicity and ease of installation. Mr. Zimmerman is Manager of the Dayton Radio Engineering Laboratories. While attending the University both Zimmerman and DeWeese were active in the Ohio State Radio Club.

Civil Engineer Awarded Honorarium

Mr. Elmer K. Timby, C.E. '28, was recently awarded the $1000 traveling honorarium given each year to some member of the Princeton University faculty, where he is an instructor in civil engineering. Timby attended the special school on stresses within solids held at Carnegie Institute during the first four weeks of the summer, and then went toward the west as far as California. He sent the Department of Civil Engineering a beautiful picture of the tunnel gallery view of the Zion Canyon highway. It affords probably the most beautiful views of any galleryed highway in the world. Mr. Timby visited the campus during the summer.

Has Accepted Faculty Post

Dr. Tod B. Galloway Dixon, who received his Ph.D. degree in Chemical Engineering at the June Commencement 1932, has accepted a position on the Faculty of the Department of Chemical Engineering, Pratt Institute, Brooklyn, New York. Dr. Dixon assumed his duties September 7th.

Mr. Charles P. Cooper, M.E., E.E., '07, head of the American Telephone and Telegraph Company is located in New York City, and gives his business there as 195 Broadway.

Frank B. Conlon, E.E., '29, is at present working for Gibbs and Hill, Inc., contractors for the New York end of the Pennsylvania Railroad electrification in the substation construction force. He may be addressed at 31 Washington Street, Rahway, N. Y.

Harry F. Flynn, C.E., attended the recent meeting of the American Concrete Institute at Washington and sent best regards to all his Ohio State friends through Mr. R. R. Litchkiser, State Highway Engineer, in charge of testing materials in the Engineering Experiment Station on the campus.

H. M. Stanberry, C.E., is engaged in general civil, municipal and petroleum engineering at Sistersville, W. Va.

Mr. Arthur C. Richards, C.E., writes from 31 Dean Avenue, Trenton, New Jersey, where he is in municipal engineering. He forwarded a very extensive committee report on salaries and compensation which he made as chairman of the sub-committee of the American Society of Civil Engineers.

(Continued on Page 24)
Desert air is wet

... by comparison!

Making telephone equipment presents many an interesting problem to the engineers of Western Electric—manufacturer for the Bell System.

A case in point is the drying of telephone cable before putting on the protective lead sheath. This step is of utmost importance, for the tiny copper wires cannot carry your voice properly unless their paper insulation is thoroughly dried. To this end, Western Electric engineers devised special drying ovens in which the air is *thirty times dryer* than desert air!

The same ingenuity and thoroughness go into every step of making cable, telephones, switchboards and many other kinds of telephone equipment. The dependable apparatus that results is one reason why Bell System service is dependable.
Until the middle of last September, E. B. Pflueger, C.E., was with the Union Pacific Railroad Company and gave his address as 536 Park Avenue, Omaha, Nebraska.

Dean L. Barr, C.E., was until recently with the U. S. Coal and Coke Company at Gary, West Virginia.

Dr. H. E. Fritz, B.Ch.E. '13, M.A. '13, Ch.E. '23, Ph.D. '24, Chemical Engineer in charge of Mechanical Rubber Goods Sales Development for the Goodrich Rubber Co., and former student of the Chemical Engineering Department, visited the Chemical Engineering Department recently.

Mr. Fred E. Swineford, C.E., chief engineer of the Ohio Crushed Stone Association, whose headquarters are in Columbus, read a paper in January before the Fifteenth Annual Convention of the National Crushed Stone Association. His paper was on "Airport Pavement Requirements" and was printed in the July-August issue of the Crushed Stone Journal.

Mr. O. C. Daubert, C.E., was until recently with the Franklin County sanitary engineering staff. Funds have lapsed and work has been temporarily discontinued. Mr. Daubert may be reached at 57 West 6th Avenue, Columbus, Ohio.

Mr. P. M. Guillilan, E.E., and B.Sc. in 1915 from Ohio University, is with the Transportation Department of the General Electric Company at Schenectady, N. Y.

Mr. E. A. Carr, Ex. '18, is located with the Pure Oil Co. at Tulsa, Oklahoma. He is Assistant to the General Manager of their Southwestern Division.

Mr. Howard P. Bish, E.E., is with the Federal and Marine Department of the General Electric Company at Schenectady, N. Y.

Mr. S. H. Ruggles is president and treasurer of the Columbus Chemical Company, manufacturers and distributors of medical products. Mr. Ruggles lives at 721 East Broad Street.

Mr. E. E. Knorr, C.E., left the employ of the T. & O. C. branch of the New York Central Lines and is at present working with the Material Testing Division of the State Highway Department and is temporarily located at Cleveland. He may be reached in the care of R. R. Litchiser, State Highway Testing Laboratory, Engineering Experiment Station, Ohio State University.

He who is silent is forgotten; he who abstains is taken at his word; he who does not advance falls back; he who stops is overwhelmed, distanced, crushed; he who ceases to grow greater becomes smaller; he who leaves off, gives up, the stationary condition is the beginning of the end.—Amiel.

* * * *

Let us endeavor so to live that when we come to die even the undertaker will be sorry.—Mark Twain.