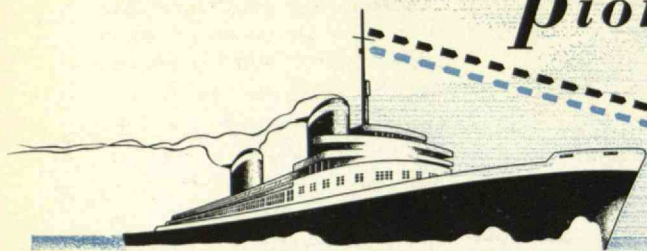


TECHNOLOGY

REVIEW *January* 1953



pioneers in precision



Actual photo of radar screen picture from ship in San Diego Harbor.



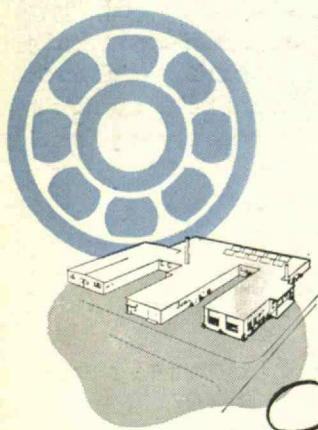
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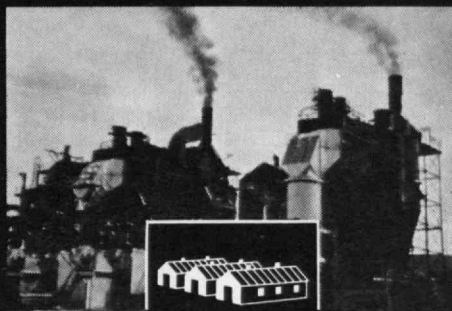


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THE TABULAR VIEW

Philosophy. — In spite of brilliant successes in advancing man's material well-being, science, engineering, and technology are blamed for more than their share of the world's present disorders. If the physical sciences have progressed at jet speed, leaving the humanistic sciences to dawdle along at a snail's pace, have we truly sought, in human relations, that objective truth whose seeking has brought such outstanding success in material gain? May there not be definite advantage in applying to spiritual, ethical, and human problems the same kind of thinking and philosophizing that has revolutionized man's material status? A definitely affirmative stand on this question is expressed in the article (page 147) by F. ALEXANDER MAGOUN, '18, and R. CARTER NYMAN, who see no reason why a sincere search for objective truth should have any more baleful consequences when applied to human relations than to inanimate objects.

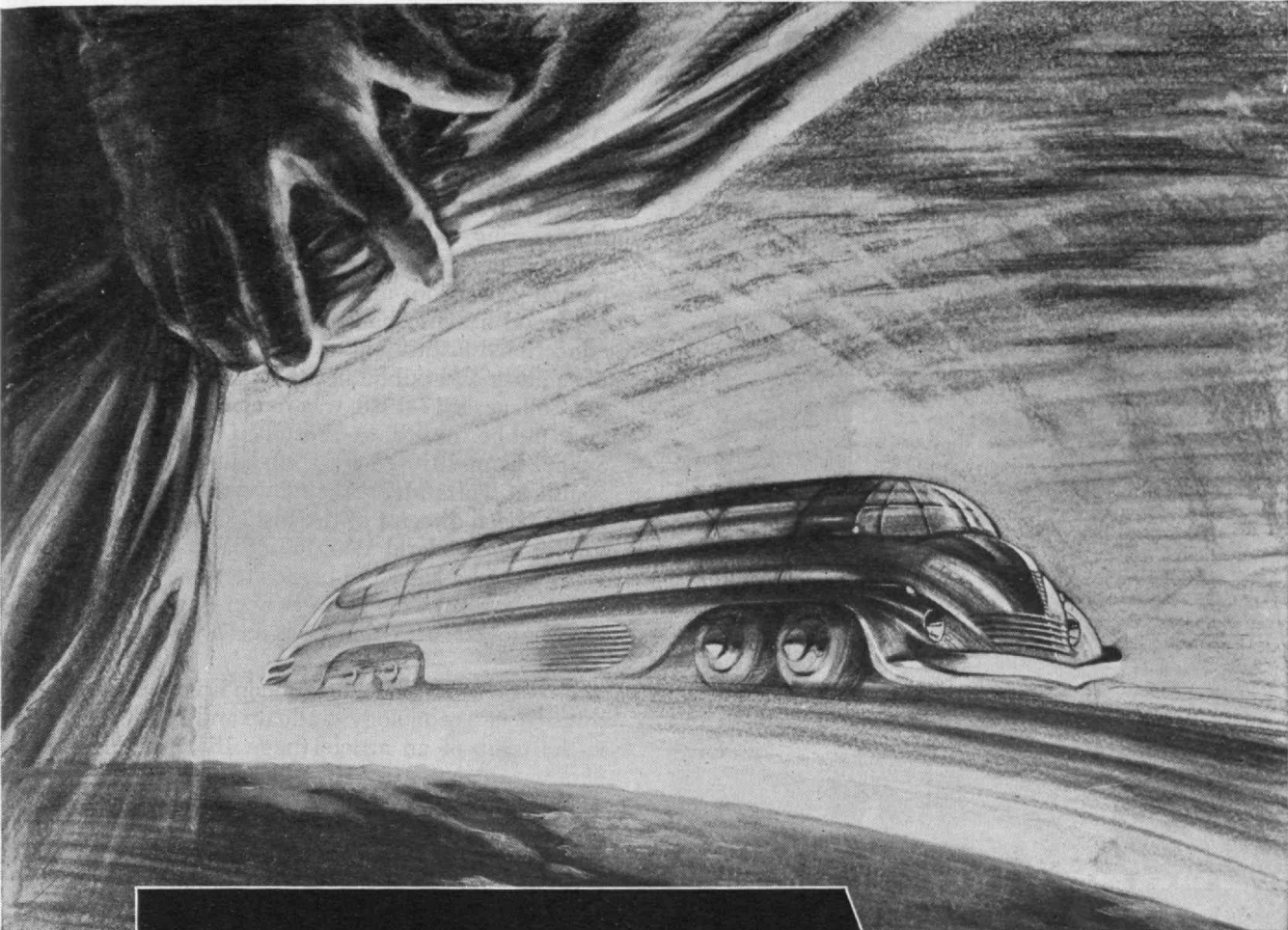
A native of Oberlin, Ohio, Mr. Magoun was educated at M.I.T. and Harvard, and is president of Technology's Class of 1918. During World War II, he was consultant to the Department of State. He is an honorary fellow of the American Institute of Management, and a director of the Boston Branch of the Society for the Advancement of Management. Now, as for many years, he is serving industry by applying specialized knowledge in human relations to the needs of those managements which aim to achieve good interpersonal relations in their organizations.

Mr. Nyman was born and educated in Marlboro, Mass. After doing research on industrial relations for the Institute of Human Relations at Yale University, he was the first personnel director of the Southern Division of the Kendall Mills, first personnel director of Yale University, and technical expert, accredited to the 1938 Textile Inquiry Board, International Labor Office, Geneva. Almost the last thing Mr. Nyman did, before his untimely death, was to add his signature to The Review's story.

This article was originally delivered by Mr. Magoun as a joint paper by both authors under the title, "The Engineer and His Philosophy," at the National Spring Meeting of the American Society of Mechanical Engineers, held in New London, Conn., on May 3, 1949.

History. — The Institute's course of instruction in bacteriology comes in for historical review (page 151) by PROFESSOR MURRAY P. HORWOOD, '16, of the Department of Civil and Sanitary Engineering — a member of Technology's staff since Boston Tech moved to its present Cambridge location in 1916. Professor Horwood received the B.S. degree from the College of the City of New York in 1913, and the S.M. and Ph.D. degrees from M.I.T. in 1916 and 1921, respectively. He was an instructor at the Institute from 1916 to 1923; assistant professor, 1923 to 1929; associate professor, 1929 to 1937; and professor from 1937, all in the Department of Biology and Public Health. In 1944 he became professor of sanitary science, and in

(Concluded on page 138)

A black and white illustration showing a hand in the upper left corner pulling back a heavy, draped curtain. Behind the curtain, a sleek, aerodynamic train with a rounded nose and multiple windows is shown in motion, traveling along a track that recedes into the distance. The train has a modern, almost bullet-like shape with large wheels. The background is a simple, textured landscape.

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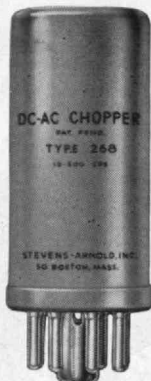
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THE TABULAR VIEW

(Concluded from page 136)

1947 headed the Laboratory of Sanitary Bacteriology and Research in the Department of Civil and Sanitary Engineering, where he has been teaching sanitary bacteriology, principles of sanitary science, environmental sanitation, and public health practices. Dr. Horwood has also had extensive experience in other educational institutions as well. He was an instructor in sanitary and public health bacteriology at Wellesley College, 1917-1918, was in charge of bacteriology and public health at Boston University Medical School from 1919 to 1921, and in charge of public health at Tufts Medical College from 1921 to 1926. He has been director of the Institute's food sanitation service since World War II until last July, when he was granted a leave of absence to go to Burma to assist the faculty of the University of Rangoon to establish improved curriculums, especially in public health.

English. — Higher education in England, as viewed by a recent Technology graduate and Rhodes scholar, is the topic of an article (page 155) by EUGENE B. SKOLNIKOFF, '49. Mr. Skolnikoff was a student in the Co-operative Course in Electrical Engineering and received the S.B. and S.M. degrees from M.I.T. in 1950. He was awarded a Rhodes scholarship and spent the following two years studying Philosophy, Politics, and Economics for a B.A. degree which he received from Oxford University in June, 1952. Mr. Skolnikoff is now industrial liaison officer at M.I.T. in the Institute's program of industry-sponsored research. Mr. Skolnikoff's analysis of higher education in England and in the United States points out the comparative advantages and disadvantages of each. Mr. Skolnikoff concludes that the best all-around education is probably a combination of British and American university training, and, on the basis of first-hand experience, heartily endorses the practice of obtaining a part of one's education in a foreign land.

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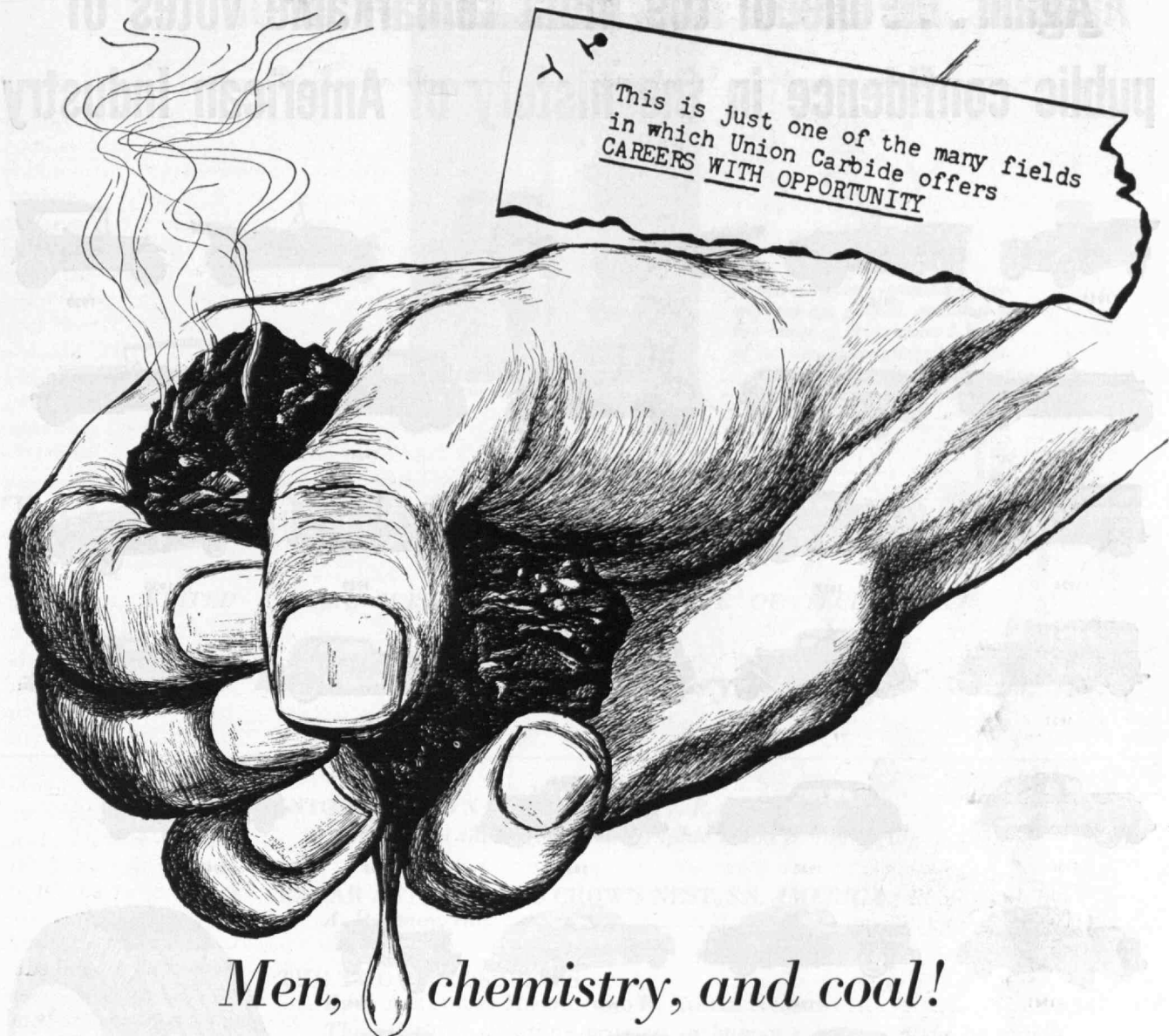
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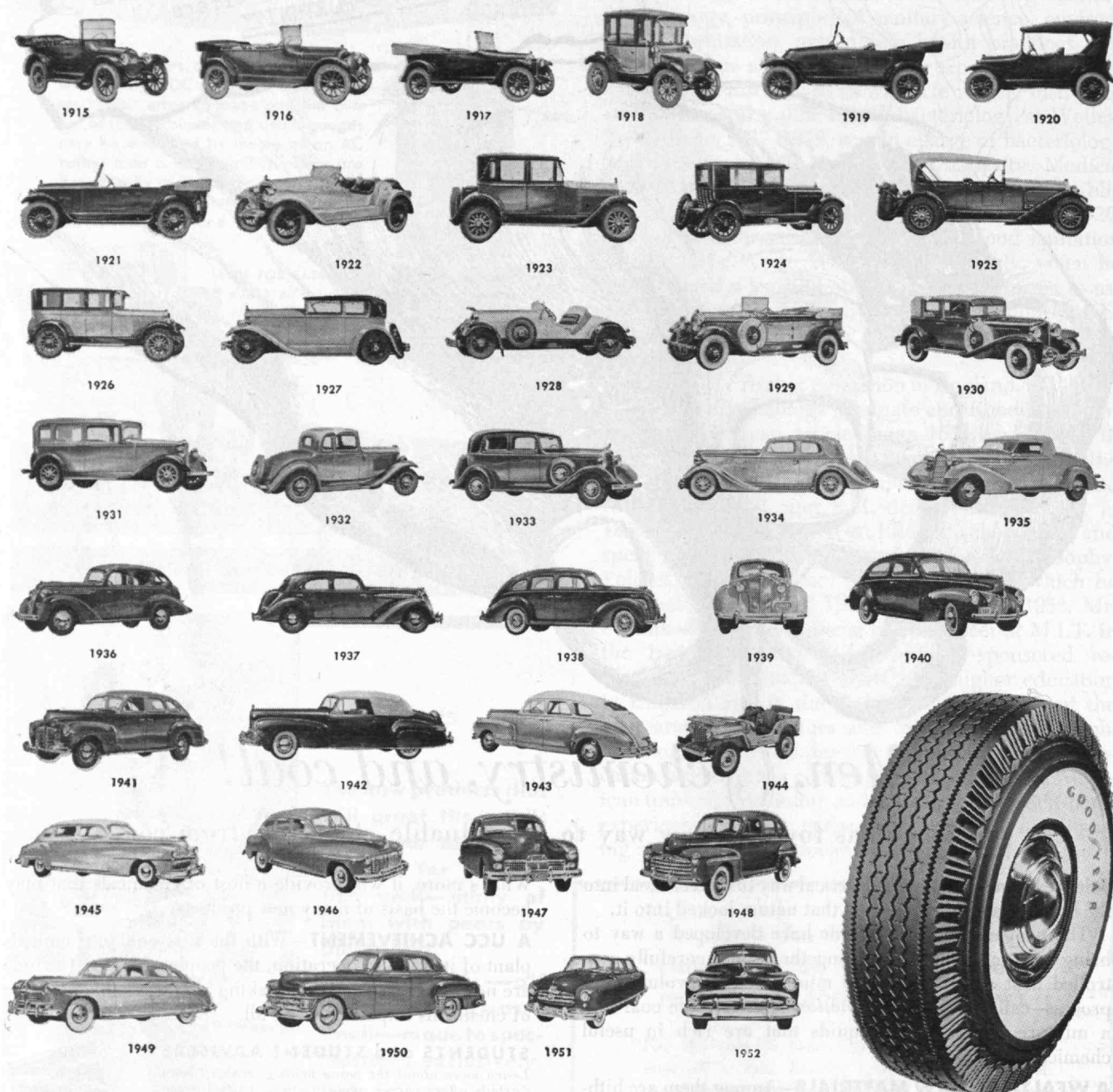
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