

been carefully revised, giving the officers for the present year. The building departments are also carefully listed, giving the officers for 1907. The Specification Index for this year has evidently received special attention, and is much more complete than ever before, and will be found a very valuable reference for architects in writing specifications, as well as for the use of builders and contractors in getting estimates on materials. The whole work comes out in attractive shape, and should be appreciated by architects, builders, and manufacturers as a reference book of the names and addresses of architects, landscape and naval architects, professional societies, architectural schools, periodicals, building departments, and all the varied interests connected with architecture.

PETROGRAPHISCHES VADEMEKUM. Ein Hilfsbuch für Geologen. Von Dr. Ernst Weinschenk. St. Louis: B. Heider. 16mo.; cloth; 208 pages; illustrated. Price, 85 cents.

A handbook intended to fill the need for a reference medium that will enable its users to determine the various more frequently met with minerals at a glance. The first of the two parts into which the book is divided is general in its descriptive character, the second part specialized. The cuts of minerals and rocks are admirable, giving a better idea of the forms they illustrate than could be obtained from pages of descriptive matter alone.

THE TREATMENT OF STORAGE BATTERIES. By R. W. Vicarey. London: The Electric Accumulator. With illustrations; 58 pages, paper. Price, \$1.

Of the many books that have been written on the electric accumulator or storage battery, as it is commonly called, but few consist of anything more than historical sketches and descriptions of the various types in existence. The need of a book of simple directions is the more marked, since accumulators are in the majority of cases cared for by persons ranging from the electrical engineer, in large plants, to the stable-man, or even to the cook, in country houses. By following the instructions given in this pamphlet many of the difficulties with which storage-battery users have struggled in the past will be done away with.

TEXTILE FABRICS AND THEIR PREPARATION FOR DYEING. With numerous engravings and diagrams. By Prof. J. J. Hummel. New and revised edition. Edited by Paul N. Hasluck. Philadelphia: David McKay. 16mo.; cloth; 160 pages. Price, \$1.

A comprehensive treatment in a convenient form for every-day use. The contents of the manual are based on the book written by the late Dr. J. J. Hummel, F.C.S., professor and editor of the Dyeing Department of the Yorkshire College, Leeds. Although many changes in the preparation of textile fabrics have been made since the earlier edition of this book was published, it has been brought up to date and enlarged without omitting any essential parts of the original work.

STANDARD MECHANICAL EXAMINATIONS ON LOCOMOTIVE FIRING AND RUNNING. BY W. G. Wallace. Chicago: Frederick J. Drake & Co. 12mo.; leather; 345 pages; illustrated. Price, \$1.50.

The first portion of this work is given up to the answers to questions adopted by the Traveling Engineers' Association as a standard for the mechanical examination of locomotive firemen for promotion; each road being supposed to use questions applicable to its own service. The remaining portion of the work consists of articles on the evolution of the Locomotive, Setting Locomotive Valves, Making a Timetable, Fuel Oil and Oil-burning Locomotives, Air-Brake Practice, and of tables of Link Motion, Steam Temperature and Volume, and Train Resistance.

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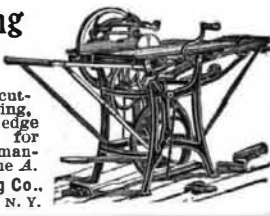
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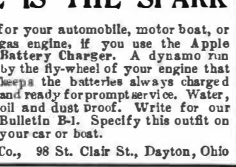
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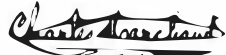
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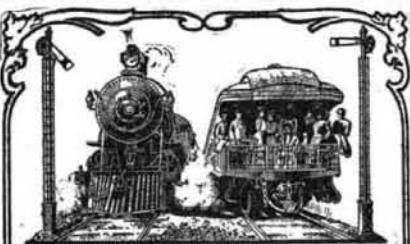
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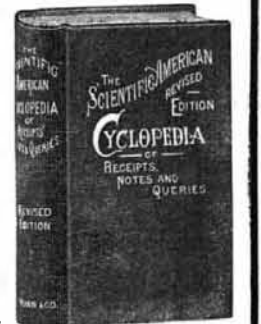
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