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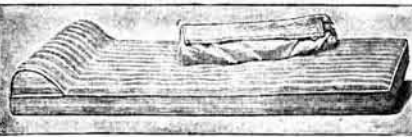
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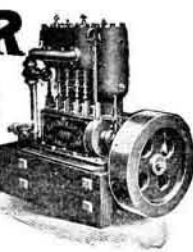
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METALLURGY OF CAST IRON. By Thomas D. West. Third Edition. Cleveland, Ohio: The Cleveland Printing and Publishing Company. 1900. 8vo. Pp. i-xvi, 627.

The author, who has had a wide experience as a molder and founder in loam, dry and green sand work, in the specialties of foundling, has prepared this book with the object of making it valuable not only to the founder, the molder, the blast furnaceman, the chemist, the draftsman, the pattern-maker, and the college specialist, but to all who may in any way be desirous of obtaining a working knowledge of cast iron in its application to foundling or allied interests. The book, which is in its third edition, has been thoroughly revised, much material having been added on the making, mixing, melting and testing of cast iron, part of which constitutes twenty new chapters, including researches, experiments and discoveries. This work, which has had a notable effect upon foundry practice, advocates methods much in advance of the old-school practice.

PLANE SURVEYING. By Paul C. Nugent. A.M., C.E. New York: John Wiley & Sons, London: Chapman & Hall, Ltd. 1902. 8vo. Pp. xvi-577.

It has been the author's purpose to present the principles of his subject by the deductive method, and to direct attention to special cases and to questions likely to arise in the mind of the student. In arrangement and in treatment the book departs from the accepted works on surveying. Among the most valuable chapters in the book may be mentioned those on the planimeter and mine surveying.

THE COPPER HANDBOOK. 1902 Edition. Compiled and published by Horace J. Stevens. Houghton, Mich. Pp. 416. Octavo.

This is the only work published that is devoted exclusively to copper, and the only work in any language covering the technology and statistics of the copper industry. Some 700 mines of copper, including all mines of importance in the world, are listed and described, the length of the descriptions varying from a few lines in the case of properties of little importance to a dozen pages in case of the largest mines.

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