

Nitroglycerine Apparatus, etc." We have Mowbray's book before us but, although he gives an illustration of his apparatus opposite page 68, we do not find in this or any edition of Mowbray's work the cuts Eissler gives. These cuts occur in Hill's Notes on Explosives, and we have always understood that Hill devised this special form of apparatus though it was based on Mowbray's principle. Eissler repeats the statement that Sobrero discovered nitroglycerine in Paris, though Guttman has some time since announced that "It was expressly stated to me by the late Mr. Sobrero that he made his invention in Turin, where he was professor, and not in the laboratory of Pelouze," and that a sample of the original nitroglycerine is still kept at Avigliana. Throughout the book there is a carelessness in the use of scientific and especially chemical terms, sulphate of potassa and potassium nitrate, for instance, occurring in the same paragraph, while in the description of the methods of analyzing acids such typographical errors as $180 \text{ BaSO}_4 = 42.06 \text{ H}_2\text{SO}_4$ are committed repeatedly.

The book contains much information and is useful, but it would have been a better book if the collated matter had been digested.

CHARLES E. MUNROE.

BOOKS RECEIVED.

Text-book of Physical Chemistry. By Clarence L. Speyers, Associate Professor of Chemistry, Rutgers College. 1897. New York: D. Van Nostrand Co. vii + 224 pp. Price \$2.25.

A Short Handbook of Oil Analysis. By Augustus H. Gill, S.B., Ph.D. Philadelphia: J. B. Lippincott Co. 1898. Cloth. 139 pp. Price \$1.50.

Introduction to Electrochemical Experiments. By Dr. Felix Oettel. Translated by Edgar F. Smith. Philadelphia: P. Blakiston, Son & Co. 1897. 144 pp. Price 75 cents.

Practical Exercises in Electrochemistry. By Dr. Felix Oettel. Translated by Edgar F. Smith. Philadelphia: P. Blakiston, Son & Co. 1897. 92 pp. Price 75 cents.

Electric Treatment in Gout and the Uric-acid Diathesis. By Robert Newman. Reprinted from the *Medical Record*, Dec. 11, 1897. New York: The Publishers' Printing Co. 16 pp.

ERRATUM.

In the last (January) issue of the Journal, p. 29, line 11, for the author's name read "H. D. Campbell" instead of "E. D. Campbell."