A TREATISE ON THE MANUFACTURE OF SOAP AND CANDLES, LUBRICANTS, AND GLYCERIN. By William Lant Carpenter. London: E. & F. N. Spon, 1885.

Carpenter. London: E. & F. N. Spon, 1885.

Much of the material comprised in this treatise has appeared before in others of the Messrs. Spons' publications, but in its present form all of the subject matter has been carefully revised and brought down to date. Mr. Carpenter was for several years practically engaged in the industries of which he treats, and has therefore the advantage of both theoretical and experimental knowledge. The manufacture of these commodities is essentially a chemical operation, and the successful manufacturer must needs be something of a chemist. In describing the underlying principles, the sources of the raw materials and the subsequent processes by which they are utilized in these different products, the author assumes that his readers have such a chemical foundation. Treated in this spirit, these processes of manufacture are at once removed from the blind following of cook book recipes to the higher level of an applied science. With the rationale of the matter in mind, the manufacture can select better materials, prepare them more effectively, and consequently turn out more valuable products. He will find the study of this volume much to his advantage, even if he must prepare himself for it by a preliminary course in chemistry. Sketches of apparatus illustrate the text where necessary.

An Iron Crown. A novel tale of the An Iron Crown. A Great Republic. A novel tale of the c. Chicago: T. S.

In this anonymous novel, an attempt is made to pic-ture in alarming colors the dangers which menace a free government from the amassing of immense wealth in the hands of a single individual or in the still less governable hands of a powerful corporation. The Technique is the title of the first annual issued by the students of the Massachusetts In-atitute of Technology. It is an exquisitely printed book of 150 pages, containing useful and interesting information for students and their friends, and shows very creditable work on the part of the class of '87.

Denison.

Among the many calendars which business houses exercise their taste and energy in getting out the first of the year, we notice one of Messrs, Styles & Cash, New York stationers, as showing beautiful work in a clock face form, a removable dial for each month, the twelve tablets mounted on a brilliantly colored card. Another one, by the American Bank Note Company, gives the twelve months in exquisitely colored and shaded divisions, each month being different from every other, and the whole work printed

quisitely colored and shaded divisions, each month being different from every other, and the whole work printed in the most perfect manner. Of statistical calendars, perhaps one issued by Messrs. Palen, Nelson & Co., New York leather brokers, is the most complete. Accompanying each month's calendar are the prices of leather and hides for the corresponding month of four preceding years, and there are tables showing our exports of sole leather and receipts of foreign hides for many years.

Received. A LUCKY WAIF. Novel. By Ellen E. Kenyon. New York: Fowler & Wells Co., 1885.

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