

BOOK NOTICES

PENROSE'S PICTORIAL ANNUAL. A Review of the Graphic Arts, vol. xiv, 1908-9. The Process Year Book, edited by Wm. Gamble. London, A. W. Penrose & Co., Ltd., 1909, for sale in New York by Tennant & Ward.

The 14th volume of this well-known Annual has just come from the press. It contains the usual amount of interesting and valuable information for the process worker and the tricolor printer. Many illustrations are included which serve as specimens of the numerous processes which the book describes. R.

DIE ENGLISCHEN ELEKTROCHEMISCHEN PATENTE. Auszuege aus den Patentschriften, zusammengestellt und mit ausfuehrlichem Sach- und Namenregister versehen von Dr. P. Ferchland, Patentanwalt in Berlin. Erster Band: Elektrolyse. Mit vielen Figuren im Text. Halle a S. Verlag von Wilhelm Knapp 1907. Paper, price 9 marks.

The 29th volume of the Monographien ueber angewandte Elektrochemie is a review of the English patents on Electro Chemistry. It corresponds in arrangement with the same author's volume of German Electro Chemical Patents issued some time ago. The earliest patent contained in the present volume is dated 1842 and the abstracts are brought down to the end of 1906. The work will be in several volumes of which this is the first. As a reference book it will be extremely useful. R.

PUBLICATIONS RECEIVED.

National Association of Wool Manufacturers. Annual Wool Review, 1908. Domestic wool clip, imports of wool and woollens and other statistical tables. 56 pages, tables, 8vo. Boston, Rockwell and Churchill Press, 1908.

U. S. Bureau of Standards. On methods of obtaining cooling curves, by George K. Burgess, Associate Physicist. Reprint No. 99 [From Bulletin of the Bureau of Standards, vol. 5, No. 2.] 27 pages, illustrations, plate, 8vo. Washington, Gov't printing office, 1908.

Königliches Materialprüfungsamt der Technischen Hochschule zu Berlin. Bericht über die Tätigkeit des Amtes im Betriebsjahr 1907. Sonderabdruck aus den Mitteilungen aus dem Königlichen Materialprüfungsamt Gross-Lichterfelde West, 1908. 99 pages, 8vo. Berlin, Julius Springer.

Armour Institute of Technology, Bulletin May 1908, General Information Number. 186 pages, plates, 8vo. Chicago, Institute, 1908.

Manchester Steam Users Association. Memorandum by chief engineer for the year 1907. 26 pages, 8vo. Manchester, Taylor, Garnett, Evans & Co., 1908.

Pennsylvania State College Agricultural Experiment Station Bulletin No. 88. Steer feeding experiments. 20 pages, illustrations, 8vo. State College, Station, 1908.

U. S. Bureau of the Census. Forest Products No. 6. Production of tight cooperage stock 1907. 11 pages, 8vo. Washington, Gov't printing office, 1908. Forest Products No. 7. Wood distillation, 1907. 8 pages, 8vo. Washington, Gov't printing office, 1908.

University of Kansas. Science Bulletin, vol. 4, Nos. 7 to 20 inclusive, September, 1908. Zoology number. 199-396 pages, plates, 8vo. Lawrence, Kansas, University, 1908.

U. S. Commissioner of Education. Report for the year ended June 30, 1907. Vol. 2. 523-1214 pages, 8vo. Washington, Gov't printing office, 1908.

U. S. Navy Department, Bureau of steam engineering. Annual report of the chief to the Secretary of the Navy for the fiscal year 1908. 56 pages, 8vo. Washington, Gov't printing office, 1908.

Pennsylvania Department of Agriculture. The Zoological Bulletin of the Division of Zoology. September 1, October 1, November 2, December 1, 1908. 4 pamphlets, illustrations, 8vo. Harrisburg, State printer, 1908.