

WE HAVE RECEIVED a group of five reports on certain features of the Paris Exposition of 1889, prepared by Prof. W. H. Chandler, Ph.D., F.C.S., as Commissioner of the United States. In reports of this nature it is perhaps too much to expect a really critical comparative study, the design being primarily to afford an account of the present state of the arts or industries discussed, and the report is therefore necessarily prepared in some haste. Prof. Chandler has wisely selected for special emphasis a comparatively few important topics to be treated so fully as to make the reports valuable at least to those interested in the particular subjects discussed. In the section on textile fabrics, wearing apparel and accessories, the report on jewelry by George F. Kunz is especially noteworthy. Twenty illustrations are given of pieces of jewelry from the Tiffany exhibit, and it is an interesting fact that the work of some of our Indian tribes afforded the models from which some very striking ornaments were developed. For example, a brooch is modelled after a Sioux Indian's horse-hide shield. Perhaps the most interesting feature of the report on mining and metallurgy is an account of the processes used in the production of aluminium and its alloys. A profusely illustrated account is given of five well-known chemical laboratories. In some cases not only the plans and photographic reproductions of interiors are given, but also details of construction of desks, apparatus, etc. The laboratories treated are those at Yale and Lehigh Universities, the Massachusetts Institute of Technology, Cornell University and the Zurich Polytechnic School. In the section relating to hygiene and public charities, a detailed description is given of four pavilion hospitals, exhibiting the latest ideas in hospital construction. The Antwerp City Hospital, the General City Hospital at Berlin, Johns Hopkins Hospital, Baltimore, and St. Luke's Hospital, Bethlehem, Pa., are those chosen for illustration, plans, interiors and sections showing the systems of heating and ventilating being given. (Washington: Government Printing-Office.)