

use of the microscope in the study of metals, utilization of waste heat, and the estimation of sulphur, manganese and phosphorus in metals. In the section dealing with the industry of organic substances the most important discussion was on the use of alcohol for other than drinking purposes, and a series of resolutions was passed stating that in the opinion of the congress no duty should be charged upon alcohol used in the preparation of pharmaceutical and chemical products. In the case of alcohol intended for use as fuel, the substances added should be of a character appropriate to its use, not too costly, and not containing any non-volatile substance. Any attempt to recover pure alcohol from methylated spirit should be liable to severe penalties, and all makers of stills should be compelled to give particulars to the excise authorities of stills sold or repaired. In the other sections discussions were held on the relation of the sugar industry to the State, the methods of analysis of wines and spirits, the carbide industry, manufacture of percarbonates, and numerous other papers of interest.

UNIVERSITY AND EDUCATIONAL NEWS.

THE new observatory of Wellesley College, the gift of a member of the Board of Trustees, was formally opened October 8th. Addresses were announced by Professors E. C. Pickering and David P. Todd.

UNION College has received \$10,000 from members of the Mather family of Jefferson county for the establishment of a department of agriculture.

FRANCIS T. WHITE, of New York City, has given \$25,000 to Earlham College, a Friends' institution in Indiana, to be added to the like amount given by him a year ago, the whole to be known as the Francis T. White endowment fund.

THE Faculty of Jefferson Medical College, Philadelphia, have recommended the establishment of a J. M. Da Costa Memorial Laboratory of Clinical Medicine in memory of the late Dr. Da Costa who was a graduate of the institution and left to it his collections.

THE new School of Commerce, Accounts and Finance of the New York University was formally opened on October 2d, by Chancellor McCracken. Professor C. W. Haskins is the dean of the new school which started with an enrollment of about fifty students.

THE Cornell Medical School now occupies its new building on First Avenue between Twenty-seventh and Twenty-eighth streets, New York City.

THE University of Illinois has in course of construction a new agricultural building which will probably be the most extensive building in the United States devoted to agricultural education. \$150,000 have been devoted to its construction.

PRESIDENT CHARLES KENDALL ADAMS, of the University of Wisconsin, has been given leave of absence owing to ill-health and will spend a year or more abroad. Dr. E. A. Birge, professor of zoology, and dean of the College of Letters and Science has been made acting president.

DR. GEORGE H. ASHLEY, formerly assistant State Geologist of Indiana, has accepted the professorship of natural history at the College of Charleston in South Carolina. This is the position once held by Alexander Agassiz.

DR. T. BIRD MOYER, Ph.D. (Univ. of Pa.), instructor in chemistry in the University of Pennsylvania, has been recently elected to the professorship of chemistry in the Pennsylvania College of Dental Surgery.

ARTHUR L. CLARK has been appointed professor of physics in Bates College, succeeding Professor M. C. Leonard who is now teaching in Japan.

THE following assistants have been appointed in Columbia University: Alfred Tringle, Ph.D., analytical chemistry; Frank E. Pendleton, Ph.D., mechanical engineering; Llewellyn Le Count, civil engineering; Chas. H. Hitchcock, mining; Wm. G. Clark, metallurgy.

AT Johns Hopkins University, D. N. Shoemaker has been appointed assistant in zoology and Dr. Gordon Wilson fellow in pathology.