

extension of time will enable the commission to complete its labors satisfactorily. The Secretary of State, of the Treasury of the United States, has written stating that he regrets that the invitation to send an American delegate was not received in time for the detail of an officer of the Marine Service Hospital to accompany the expedition.

A CORRESPONDENT of *Industries and Iron* of London, for whom its editor vouches as a competent judge, gives the following hindrances to introduction of the Nernst lamp: (1) There is no automatic heating arrangement to the small power lamps, and they each require about eight seconds in artificial heating to be brought to incandescence; (2) No small lamps of small candle power have yet been produced; (3) There are three wires to each, and the lamps cannot therefore be connected without inconvenience to existing standards; (4) Excepting mere laboratory tests there is no *practical* experience of the life of the lamp; (5) It has never yet been attempted to manufacture the lamp on a commercial scale, and not one lamp on the Nernst principle is yet in commercial use; (6) More than one firm of eminence have adopted the opinion that the principle of the lamp has been anticipated by the Jablochhoff candle, thus impeaching the validity of the Nernst patent.

UNIVERSITY AND EDUCATIONAL NEWS.

WE are glad to be able to give a correct account of Mrs. Hearst's plans for the University of California. Mrs. Hearst has not made any official announcement, and is not likely to do so, because she intends to superintend the use of her gifts herself. But the following may be considered as certain: She has by *will* devoted her fortune to the University—this in case of her death. But she intends to give during her lifetime all or the greater part, and from time to time as necessary to carry out her plans. She intends to commence next spring to put up two buildings, one of which is to be the mining building. It is not certain what the other will be. Besides there are good grounds for the belief that other wealthy residents of California, incited by Mrs. Hearst's example, will next year put up three other buildings. Mrs.

Hearst has determined to live in Berkeley in order to be in closer touch with the University. It is expected that M. Bénard, the architect, will go to Berkeley to superintend the work. Negotiations to that effect are going on. Finally, it may be stated that Mrs. Hearst understands perfectly well that buildings require a corresponding endowment.

CORNELL UNIVERSITY opens with an entering class membership above 600. Sibley College has a freshman class of about 200 and many new men in the upper classes and graduate departments.

THE third course in advanced agricultural chemistry, in the School of Graduate Studies, of the Columbian University, Washington, D. C., will begin September 27th, under the direction of Dr. H. H. Wiley. Graduates of agricultural colleges and other institutions of good standing, are eligible for admission to this course. Under certain restrictions graduates are admitted to the chemical laboratory of the department of agriculture. Advanced courses in soil studies, agricultural technical chemistry and in the study of food will be begun at once with laboratory practice. This school offers special advantages to the graduates of agricultural colleges who wish to complete their advanced studies in agricultural sciences.

A CHAIR of the theory, art and practice of education has been established in Owen's College, Manchester, and Mr. H. L. Withers, now principal of the training college at Isleworth, has been called to be the first incumbent.

DR. C. B. DAVENPORT, of Harvard University, has been called to the zoological department of the University of Chicago to fill the place left vacant by the removal of Professor Wheeler to the University of Texas.

W. D. MERRILL, PH.D. (Chicago), has been appointed instructor in biology, with special reference to botany, in the University of Rochester.

DR. CHARLES G. SHAW has been appointed to the position in the department of philosophy in New York University made vacant by the resignation of Dr. J. H. McCracken, to accept the Presidency of Westminster College, at Fulton, Mo.