

fined the boundary in terms incapable of interpretation on the ground. After the separation of Panama from Colombia, the question became more acute and threatened to lead to war, when the matter was again submitted to arbitration, before Chief Justice White, of the United States, with the proviso that an accurate survey should be made. The commission of engineers, two representing the parties to the arbitration, two others appointed by the arbitrator, of whom Dr. Hayford was one, accompanied by twenty-one trained assistants and a large number of laborers and porters made the survey in 1911. The survey was made under the greatest difficulty on account of the dense tropical jungle; absence of roads and trails making it necessary to rely on negro and Indian porters for transportation of supplies; and thickness of forest interfering with seeing. Nevertheless an extensive area was accurately covered, and geographical knowledge secured that is of permanent interest and value. A peak more than 12,000 feet high, hitherto unknown, was discovered, and numerous cartographical errors, including the direction of the drainage of a great area, were rectified. The decision, rendered in 1914, chooses the Sixaola River, its tributary the Yorkina, and the southern watershed of the Sixaola as the boundary, instead of the northern watershed of the Sixaola as awarded by President Loubet, and conforms to the *status quo*, since the customs have been collected at that river, and the subjects of the two countries have advanced to it from each side.

UNIVERSITY AND EDUCATIONAL NEWS

DR. FRANK J. GOODNOW will be installed as president of the Johns Hopkins University on May 20. On the following day the new university buildings at Homewood will be dedicated. President Wilson will make an address; the engineering buildings will be dedicated with an address by General G. W. Goethals, and the academic buildings with an address by Professor H. C. Adams. It is expected that there will be a full attendance of alumni and former students. The committee having charge of arrangements for the inau-

guration and dedication is composed of President Goodnow (chairman), Dr. Ralph V. D. Magoffin (secretary), Dr. Joseph S. Ames, Dr. Murray Peabody Brush, Dr. William B. Clark, Dr. William H. Howell, Dr. Basil L. Gildersleeve, Dr. John H. Latane, Mr. George L. Radcliffe and Dr. C. J. Tilden.

THE Rensselaer Polytechnic Institute announces that Mrs. Russell Sage has given \$100,000 to the school, and Mr. Alfred T. White, of Brooklyn, a graduate, \$50,000. The money is to be used in the erection of dormitories and a dining hall.

A TRUST fund of \$5,000 to be known as the "Edward Tuckerman Fund," designed to increase the interest in the study of botany among the students of Amherst College, has been bequeathed to the college by the late Mrs. S. E. S. Tuckerman, wife of the late Professor Edward Tuckerman. Professor Tuckerman, who was a well known lichenologist, was a member of the Amherst faculty from 1858 until his death in 1886, holding a chair in botany and a lectureship in history.

BROWN UNIVERSITY has received \$7,000 from Mrs. Jesse L. Rosenberger, of Chicago, to endow a lectureship for visiting scholars.

PROFESSOR H. H. NEWMAN, of the department of zoology, University of Chicago, has been appointed dean in the colleges of science of that institution. The duties involve a supervision of students in the biological sciences, especially of those preparing for the study of medicine.

DR. STUART WELLER, of the University of Chicago, has been promoted from an associate professorship to a full professorship in the department of geology.

MARCUS W. LYON, JR., formerly assistant curator, division of mammals, U. S. National Museum, and for the past six years professor of bacteriology at Howard University, has been appointed professor of bacteriology and pathology in the George Washington University.

At Harvard University Dr. Gregory P. Baxter has been promoted to be professor of chemistry, and Dr. John L. Morse to be professor of pediatrics.