Thompson, Sir St. Clair, London, England.
Begouin, Paul, Bordeaux, France.
Lemaitre, Fernand, France.
Picque, Robert, Bordeaux, France.
Alexion, Alexander, Greece.
Constas, John, Greece.
Allen, Belle Jane, Baroda, India.
Fletcher, A. G., Taiku, Japan.
Kamaimura, Asajiro, Tokio, Japan.
Kodama, Ryuzo, Japan.
Uchimo, Senichi, Tokio, Japan.
Holst, Peter F., Norway.
Muro, Felipe, Lima, Peru.
Ingvar, Sven, Lund, Sweden.

## HONORARY DEGREES AT YALE UNIVERSITY

At the commencement exercises on June 18 Dr. Theodore Salisbury Woolsey, professor of international law, emeritus, in presenting candidates for honorary degrees said as public orator:

## MASTER OF ARTS

Orville Wright: The survivor of two brothers who by their mechanical skill, ceaseless experimentation and accumulated knowledge of physics, have led the way in mastering human flight. The inventive genius of Mr. Wright in a brief sixteen years has filled the sky with its creations, has changed the methods of warfare, has captivated the youth of all lands and now ventures to cross the ocean.

Samuel Hosea Wadhams: A graduate of Sheffield, in 1894, a surgeon in the regular army, serving in the Spanish War, early sent to France as an observer, placed later on the General Staff, in tact, in vision, in ability preminent, Colonel Wadhams, more than any one else, has shaped the policy of his department. During our share in the war, he has borne the entire responsibility for the wounded in the battle area, has won the admiration of his fellow workers and has earned the honor which his university desires to pay.

## DOCTOR OF SCIENCE

Samuel Wesley Stratton: Mathematician, physicist, professor in the Universities of Illinois and Chicago, a naval officer in the Spanish war, since 1901 director of the National Bureau of Standards in weight and measures.

Dr. Stratton's work in this bureau has been conspicuous and constructive, recognized beyond our own limits, vitally important in war and war research. A man weighed in the balance and not found wanting.

Harvey Cushing: Son of Yale and Harvard professor, a leader in the new field of neurological surgery, in operations of the brain preeminent, surgeon in chief of the model Brigham Hospital, honored at home and abroad. Colonel Cushing served with the French in 1915 and 1917, with the British at Messines and Passchaendaele, being mentioned in dispatches. At this time organizing intensive study of penetrative skull wounds, he reduced their mortality by one half. Under our own flag he became chief consultant in neurological surgery for the A. E. F. A gentleman, a bold investigator, an artist in the operative field.

## SCIENTIFIC NOTES AND NEWS

Princeton University has conferred the doctorate of science on Dr. John M. Clarke, director of the State Museum of New York, and the degree of master of arts on Mr. Lester E. Jones, director of the U. S. Coast and Geodetic Survey.

Dr. David F. Houston, secretary of agriculture, has received the degree of LL.D. from Brown University.

The honorary degree of doctor of science has been conferred upon Dr. Raymond Foss Bacon, director of the Mellon Institute of Industrial Research, by De Pauw University.

On the occasion of the annual commencement of the University of Pittsburgh on June 13, the honorary degree of doctor of engineering was conferred upon Mr. Vannoy H. Manning, director of the United States Bureau of Mines, in recognition of his noteworthy accomplishments in the investigation of problems of mineral technology. The university also conferred the honorary degree of doctor of chemistry upon Dr. Willis R. Whitney, director of the Research Laboratory of the General Electric Company, Schenectady, New York, because of the valuable service which he rendered to the government as a member of the