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FRANCIS EDWARD STEWART.

The nomination of Francis Edward Stewart for Honorary President of the AMERICAN PHARMACEUTICAL ASSOCIATION was prompted by a recognition of what he has done for pharmacy. His outstanding services have been concerned with demonstrating the practicability of coöperation and coördination between the educational institutions related to the materia medica and materia medica supply business for the purpose of promoting progress in the science of pharmacology and the useful arts of pharmacy and pharmaco-therapy. These efforts were predominant factors in the organization of the Council on Pharmacy and Chemistry of the American Medical Association, the history of which has been contributed by the Honorary President, and is printed in this issue of the JOURNAL. Among other contributions to pharmacy Dr. Stewart's reports as Chairman of the committee on Patents and Trademarks A. PH. A. are records of value and have on several occasions served as references in preparing court decisions and as a basis for contracts.

Francis E. Stewart was born in Albion, N. Y., seventy-five years ago (September 13, 1853); his early education was received in Cortland County Academy and, later, at Oberlin College. When, in 1871, his father took charge of the construction work of the American Dredging Company, at League Island Navy Yard, Philadelphia, he matriculated in the medical school of the University of Pennsylvania. Later the young man decided to graduate in pharmacy before completing his medical course; this he did under the tutorship of H. C. Blair's Sons, Philadelphia, receiving his diploma from the Philadelphia College of Pharmacy, in 1876. His medical studies were continued at Jefferson Medical College, graduating with the class of 1879. During the period intervening between his first and second course in medicine he was employed in New York City as manager of Hunter's Pharmacy; then as chemist and director of H. T. Helmbold Buchu Manufacturing Company and at the same time, under the same financial auspices, he held for a brief period the presidency of F. F. Stewart & Co. These three years of varied experience gave him an insight into the retail drug business, "patent" medicine business, and manu-



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facturing pharmacy. He also became a member of the Hospital Committee of N. Y. State Charities' Aid Association, and chairman of its Committee on Almshouses.

After graduation, Dr. Stewart opened an office for the practice of medicine in New York City and became staff physician of the N. Y. Loan Relief Association and clinical assistant to Dr. E. C. Seguin at the Manhattan Eye and Ear Hospital.

During his apprenticeship he made a study of condensed milk, and later invented rectal gelatin capsules; his results relative to the latter were reported in his graduation thesis at Jefferson Medical College and won for him the commendation of the faculty. Encouraged by the success, his studies were directed to nutritive enemata and brought desiccated defibrinated blood, in thin, soluble scales, to the attention of the medical profession. Wide publicity was given to the preparation and discussions *pro* and *con* led up to the proposal for a National Bureau of *Materia Medica*. Dr. Stewart's research and writing brought him into prominence and resulted in a connection with Parke, Davis & Co., as founder of its Scientific Department and associate editor of the *Therapeutic Gazette*. In the following year he returned to Philadelphia and was appointed assistant demonstrator of therapeutics in the University of Pennsylvania and was associated with Prof. Horatio C. Wood in his researches on hyoscine. Dr. Stewart resigned the editorship of the *Gazette* but added to his duties those of demonstrator of *materia medica* and pharmacy at Jefferson Medical College, and at Women's Medical College and quizmaster in pharmacy and theoretical chemistry at Philadelphia College of Pharmacy; he was also physician for the Southwestern Dispensary and Hospital, associate of Dr. John V. Shoemaker, associate editor of the *Medical Bulletin* and resident-physician of Philadelphia Hospital for Skin Diseases. For a time he was physician in the families of President Harrison and John Wanamaker, at Cape May Point, N. J., and house physician of Glen Springs Sanitarium, Watkins, N. Y. Pharmacy, however, always held an attraction, so we find him director of the scientific department of Frederick Stearns & Co., and in 1897, medical advisor of Merck & Co., chairman of the medical board and editor-in-chief of *Merck's Archives*.

The next reorganization work by Dr. Stewart was in California, being that of the business of Clinton E. Worden & Co., of Los Angeles and San Francisco, to which was joined the Peairs Pharmaceutical Company. Then came the action which had a part in the formation of the Council on Pharmacy and Chemistry of A. M. A. In 1906, Dr. Stewart was invited by the British Medical Association to present his work to the Section on Therapeutics for consideration, which he did in a contribution entitled, "The Working Bulletin System for the Collective Investigation and Classification of the Newer *Materia Medica*," which gave a history of the Bureau plan, of its importance to medicine, pharmacy and the public at large.

Dr. Stewart's work has been productive. He has founded and organized scientific departments in connection with the commercial houses for research work, the publication of "working bulletins" and monographs and contribution to the *materia medica* collection at the Smithsonian Institution, and expeditions have been made to discover new drugs by organized expeditions. License to produce new discoveries combined with patent protection has been applied to the commercial introduction of insulin, antitoxins and serums. Our Honorary President has taken important part in these and other developments which have brought educational and industrial institutions into closer relations.