

COMMITTEE ON SCIENCE AND THE ARTS.

*(Abstract of Proceedings of the Stated Meeting held Wednesday,
March 2, 1921.)*

HALL OF THE INSTITUTE,
PHILADELPHIA, March 2, 1921.

MR. CHARLES W. MASLAND *in the Chair*.

The following report was presented for Final Action:

No. 2750: Tate Electrolytic Waterproofing Process. The Howard N. Potts Gold Medal to Mr. Alfred O. Tate, of New York.

The following report was presented for first reading:

No. 2749: Surface Combustion Burner.

R. B. OWENS,
Secretary.

SECTIONS.

Mechanical and Engineering Section.—A meeting of the Section was held in the Hall of the Institute on Thursday evening, March 3, 1921. The meeting was called to order at 8 o'clock by Dr. Gellert Alleman.

Mr. C. A. Emerson, Jr., Chief, Engineering Division, Department of Health, Commonwealth of Pennsylvania, Harrisburg, Pa., presented a paper on the "Disposal of Industrial Wastes and Stream Pollution." Consideration was given to the engineering aspects of recent developments in methods of treatment of some of the industrial wastes widely distributed throughout Pennsylvania. The possibilities of the prevention of stream pollution and the recovery of by-products were pointed out. The subject was illustrated by lantern slides.

The paper was discussed, a vote of thanks extended to the speaker and the meeting adjourned.

R. B. OWENS,
Secretary.

Section of Physics and Chemistry.—A meeting of the Section was held in the Hall of the Institute on Thursday evening, March 10, 1921, at 8 o'clock, with Mr. Benjamin Franklin in the Chair.

Lafayette B. Mendel, Ph.D., Sc.D., Professor of Physiological Chemistry, Yale University, New Haven, Connecticut, presented the paper of the evening, entitled "Chemical Factors in Nutrition." The speaker reviewed the history of the changing conceptions regarding the rôle of digestion in nutrition and indicated how the newer investigations have contributed to the formulation of present-day views regarding what constitutes a food. Reference was also made to some of the current ideas of metabolism, its relation to the chemical composition of the diet, its variations in health and disease and the limitations of our knowledge in regard thereto. The subject was illustrated by lantern slides.

The thanks of the meeting were extended to the speaker.

Adjourned.

ALFRED RIGLING,
Acting Secretary.