(Proceedings of the Stated Meeting held Wednesday, December 15, 1920.)

HALL OF THE FRANKLIN INSTITUTE,
PHILADELPHIA, December 15, 1920.

PRESIDENT DR. WALTON CLARK *in the Chair*.

Additions to membership since last report, 4.

Reports of progress were presented by the Committee on Library and the Committee on Science and the Arts.

The Committee on Nominations, appointed by the President in accordance with the resolution passed at the Stated Meeting held November 17th, last, presented the following list of nominees to be voted for at the Annual Election to be held on Wednesday, January 19, 1921:

For President (to serve one year) Walton Clark.

For Vice-president (to serve three years) Charles Day.

For Treasurer (to serve one year) Benjamin Franklin.

For Managers (to serve three years) Charles E. Bonine, Alfred W. Gibbs, Howard S. Graham, George R. Henderson, George A. Hoadley, Lawrence T. Paul, James S. Rogers, C. C. Tutwiler. On motion duly seconded the nominations were closed.

The paper of the evening on "Some Characteristics of Electron Tubes" was presented by Mr. W. C. White, Electrical Engineer, Research Laboratory, General Electric Company, Schenectady, New York. An account was given of the various uses of electron or vacuum tubes. It was shown that their flexible characteristics and variety of properties make them very useful in laboratories and for engineering tests and developments. In their use, however, for special purposes difficulties are frequently encountered which are due to the properties of the tube and are not commonly known or understood. The more unusual characteristics were described. The subject was illustrated by lantern slides.

After a brief discussion the thanks of the meeting were extended to the speaker.

Adjourned.

R. B. OWENS,
Secretary.

COMMITTEE ON SCIENCE AND THE ARTS.

*(Abstract of Proceedings of the Stated Meeting held Wednesday,
December 1, 1920.)*

HALL OF THE INSTITUTE,
PHILADELPHIA, December 1, 1920.

MR. CHARLES PENROSE *in the Chair*.

The following reports were presented for first reading:

No. 2744: Republic Flow Meter.

Prof. L. F. Rondinella, Chairman.