

room, apparatus and model rooms, offices and preparation rooms. The second floor will contain well-equipped lecture rooms for the use of such scientific and technical societies as may wish to use them, together with a number of office rooms and a Board room. The third floor will be occupied by the School, and the fourth floor will be devoted entirely to the Library.

We have only about one-third of the money necessary for such a building as we desire to erect; we own, however, what we believe to be the building site best located for the purposes of the Institute, and we believe that our annual income within a year or two will warrant the Institute in occupying such a building should the funds necessary for its erection be obtained. We therefore particularly urge, first, that the members and friends of the Institute see to it that the conditions of the Wahl bequest be promptly met; and, second, that the necessary money for the completion of the building fund, approximately half a million dollars, be obtained through private contribution or public grant: all this, that the work of the Institute may result in increased benefit to the citizen and to the State.

Recalling that the Institute's success in its efforts to promote the mechanic arts depends upon the degree of intelligence and devotion exercised in the committee rooms and in the office of the Secretary, your attention is again invited to the Board's and Institute's Committee reports and to our latest Year Book, as evidence adequate, though not comprehensive, of the ability of our Institute to-day to call to its service devotion and intelligence of the highest order.

Respectfully submitted,

FOR THE BOARD OF MANAGERS,

WALTON CLARK,
President.

PHILADELPHIA, January 20, 1915.

REPORT OF THE COMMITTEE ON LIBRARY

FOR THE FISCAL YEAR ENDING SEPTEMBER 30, 1914.

To the President and Members of The Franklin Institute:

During the year there were expended \$910.26 for the purchase of 306 volumes, 1 pamphlet, and 3 maps; \$1575.92 for subscriptions to periodicals; \$750.35 for binding 328 volumes; \$4267.86 for salaries and expenses. There were available for meeting these expenditures \$6650, appropriated by the Board of Managers, and \$1271.10, being the income from the several Library funds.

The accessions by gift, exchange, and from the JOURNAL totalled 1192 volumes, 955 pamphlets, 3 maps, and 1 drawing.

The additions include many valuable works. More books have been purchased than in the previous year, and the falling off in the total additions is due only to a decrease in the accessions of pamphlets. Much valuable

and interesting material has been secured by continuing the practice of applying to engineering firms and industrial establishments for their publications.

Three hundred and eleven pamphlets on mechanical subjects, most of them accessions of the current year, were classified, indexed separately, and bound into thirty-three volumes, and now form a part of the mechanical section. The work of classifying the pamphlets still stored was begun, but the progress is somewhat slow. The electrical and chemical pamphlets are being sorted out for indexing and binding.

Library Bulletin No. 3, being the second list of additions to the Library, was compiled and issued in September, and was also published in the JOURNAL.

On September 30, 1914, the Library contained 65,437 volumes, 48,955 pamphlets, 2279 maps and charts, and 1336 photographs.

The work of recording the status of the current periodical sets has been continued throughout the year and is progressing favorably. As this work proceeds, efforts are made to obtain missing volumes or parts of sets. The purchase of a dozen volumes completed the file of an important chemical journal published in Germany.

The subscription list was revised, but it was found that only three publications could well be discontinued.

In the binding of books and current periodicals as satisfactory progress has been made as possible, but, as pointed out in previous reports of this Committee, the requirement of a special fund to permit of a greater expansion of this work still exists.

The Committee held ten stated meetings during the year, at which many valuable suggestions were made and considered. At a recent meeting attention was called to the desirability of systematically going over each of the various subjects and departments with the view of ascertaining which of these were lacking in completeness, and on which the money available could be most profitably expended by the acquisition of recent works. It is only by the adoption of such a plan that the branches of the Library can each be maintained at its proper standard.

By removing about 4500 volumes to the overflow stack in the basement, space for recent acquisitions was secured.

There was a very gratifying increase in the attendance, especially on the evenings on which the Library was open until 10.00 P.M.

Appended hereto is a detailed statement of the operation of the Library during the year.

Respectfully submitted,

CLARENCE A. HALL,
Chairman.

PHILADELPHIA, January 13, 1915.

APPENDIX.

The following additions were made to the Library during the twelve months ending September 30, 1914: