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Franklin Institute.

[*Proceedings of the stated meeting, held Wednesday, February 18, 1891.*]

HALL OF THE FRANKLIN INSTITUTE,
PHILADELPHIA, February 18, 1891.

JOS. M. WILSON, president, in the chair.

Present, 210 members and thirty-one visitors.

Additions to membership since last report, eighteen.

The Secretary announced the death of Edward Lang, LL.D., F.R.S.E., of Edinburgh, Scotland, an honorary member of the institute; also the resignation of Prof. Wm. D. Marks, as a member of the Committee on Science and the Arts.

Mr. Otto C. Wolf was elected to fill the vacancy.

The grant of the Edward Longstreth medal of merit to Henry W. Robie, for his improved screw-jack, and to Wallace H. Dodge for his wood split pulleys, was reported.

Mr. Arthur Kitson read a paper on his system and apparatus for generating fuel gas for domestic and manufacturing uses, illustrating the same with the aid of views upon the screen. (Referred for publication.)

Mr. Edmund Sterling exhibited and described a second series of colored lantern slides of Japanese subjects.

Mr. Wm. E. Lockwood offered the following, viz:

Resolved, Mr. Wm. B. LeVan assenting, that an evening be specially set apart for the further and fuller consideration of his paper on "High Speeds on Railways," previous to its publication in the *Journal*.

Adopted.

The Secretary's report embraced a description (with exhibition of specimens) of an improvement in Argand gas burners invented by Mr. A. G. Morey; and a bottle formed of a mixture of ozokerite, paraffin, etc., designed by Prof. Edward Hart, for holding and transporting hydrofluoric acid. He gave an account of the organization and present condition, condensed from the most recent reports, of the work on the Nicaragua Inter-oceanic Canal, and a brief *résumé* of the progress made within the past few years in the manufacture of aluminium and its alloys.

The Secretary announced that the amendments to the by-laws, relating to the creation of a class of members to be called non-resident members, had been duly advertised in the daily papers as prescribed. The amendments were, thereupon, adopted without dissent.

Mr. Wm. B. LeVan offered the following amendment to Article VI of the by-laws, to-wit: the addition thereto of a fourth section, to read as follows:

SECTION 4. No member shall be eligible for re-election to the office of manager, or be a candidate therefor, while he is filling such office, nor sooner than twelve months after the expiration of his term of office.

The subject evoked an extended discussion, the outcome of which was the adoption of the following resolution, offered by Mr. Spencer Fullerton, viz:

Resolved, That the subject of the proposed amendment be referred to the board of managers, with the request for an expression of opinion as to its advisability, and that the Secretary be directed to print the text of the proposed amendment, together with the action of the meeting thereon, in the bulletin of the March meeting.

Adjourned.

WM. H. WAHL, *Secretary*.