Franklin Institute in relation to the Boyden Premium, have examined a competitive memoir from a person under the pseudonym of "Massis."

We find that the method suggested in this memoir might be made competent to determine the relative velocities of luminous rays in air, but is not competent to determine the relative velocities of any physical rays other than luminous rays, and, therefore, does not, in our judgment, comply with the terms of the Boyden requirement.

Very respectfully yours,

A. E. KENNELLY,
H. W. SPANGLER,
GEO. F. STRADLING.

Received and adopted at the stated meeting of the Institute, held March 18, 1896.

WM. H. WAHL, *Secretary*.

Franklin Institute.

[*Proceedings of the stated meeting, held Wednesday, April 15, 1896.*]

HALL OF THE FRANKLIN INSTITUTE,
PHILADELPHIA, April 15, 1896.

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

Present, 62 members and visitors.

Additions to membership since last month, 19.

The Actuary reported a vacancy in the Board of Managers, caused by the death of Henry Bower, and transmitted, by instruction from the Board, a memoir of the deceased which the Board had adopted. The memoir was accepted and referred for publication.

A special election, held to fill the vacancy thus created in the Board, resulted in the choice of Mr. W. N. Jennings, to fill the unexpired term of the deceased member.

Mr. John H. Cooper read a paper descriptive of the Worthington Self-Cooling Condenser, illustrated with the aid of lantern slides. Discussed by Mr. James Christie, and referred by vote to the Committee on Science and the Arts for investigation and report.

Mr. Cooper also presented a brief *résumé* of certain data of performance of American two-cylinder locomotives.

This subject evoked an interesting discussion, in which Mr. Samuel M. Vauclain, Superintendent of the Baldwin Locomotive Works, Mr. Henry F. Calvin, and the author, participated.

The President then introduced Prof. W. Lascelles-Scott, of London, England, who gave, by invitation, an interesting account of some investigations of the alleged discovery, by Mr. Keeley, of a new force. At the close of his remarks, the meeting passed a vote of thanks to the speaker.

Adjourned.

WM. H. WAHL, *Secretary*.