SEC. 4. For these certificates, which shall be issued for one year, each party receiving the same shall pay a fee of two dollars for first-class, and of one dollar for second-class certificate.

SEC. 5. That the said City Inspector shall refuse to grant a certificate of inspection to any person who shall maintain or keep in use or operation, or shall put in use or operation, any stationary steam engine or boiler within the said City of Philadelphia, which shall not be in charge of an engineer duly furnished with an engineer's certificate as aforesaid.

SEC. 6. That whenever the said City Inspector shall learn of any boiler or engine being operated otherwise than by an engineer duly qualified and furnished with a certificate as aforesaid, he shall forthwith cancel and revoke his certificate of inspection. And the certificate of inspection of any steam-user who shall thus attempt to operate an engine or boiler without the care of an engineer furnished with a proper certificate shall be deemed and adjudged forfeited, and such steam-user shall be subject to all the pains and penalties provided by Act of Assembly of May 7, 1864.

JOHN W. NYSTROM.

On motion of Mr. Nystrom, the preamble and resolution were referred to a special committee. The President appointed Messrs. J. W. Nystrom, Washington Jones, C. M. Cresson, Coleman Sellers, Jr., Thomas Hockley, Esq.

In conformity with a resolution adopted at the stated meeting held November 21, 1883, the President increased the above-named committee by the addition of Messrs. William Helme and William A. Ingham.

At the stated meeting held December 19, 1883, the committee presented majority and minority reports, which were ordered to be printed for the use of members. In compliance with this order, the same are herewith submitted.

WILLIAM H. WAHL,
Secretary.

MAJORITY REPORT.

To the President and Members of the Franklin Institute.

GENTLEMEN:—Your Committee to whom was referred the resolutions relating to the "Examination and Licensing of Engineers by a

Board to be appointed by the City Authorities," presented at the meeting held October 17th, 1883, respectfully reports:

It is not advisable to ask for the passage of an ordinance requiring persons who have charge of engines to pass an examination and be licensed by a Board. Such an ordinance would be in restraint of liberty, and should never be enacted unless a free system is intolerable, or unless the reasons for restraint are shown to be overwhelming. Every security possible should be extended to life and property, but the undersigned are of the opinion that the proposed ordinance would not tend to increase it, for the following reasons:

First. The qualifications of an engineer, as to sobriety, watchfulness, application to his duties and a knowledge of the machine under his care cannot be determined by a Board of examiners, but can be, as now, by his employer.

Second. As the examinations must necessarily be upon the same few points, it might be possible for incompetent candidates to become possessed improperly of the correct answers to the questions, and consequently receive a license without possessing the qualifications of an engineer.

Third. The passage of such an ordinance would create a privileged class of men with power to fix their own wages regardless of the value of the service rendered, and, as proprietors, would be compelled by law to employ only those having a license, it would assist in extending an odious feature of Trades' Unionism.

Fourth. Should loss of life or damage to property be caused by an exploding boiler, whilst in charge of an engineer licensed by municipal authority, it is a question whether the responsibility would not be removed from the proprietor and placed upon the city.

Fifth. It is not within the scope of an Institution formed for the promotion of the Mechanic Arts to recommend or induce legislation upon matters not relating to its purpose.

WASHINGTON JONES,
WM. HELME,
COLEMAN SELLERS, JR.,
CHARLES M. CRESSON, M.D.

I concur in the above report except as to paragraphs, Nos. 4 and 5.

THOMAS HOCKLEY.