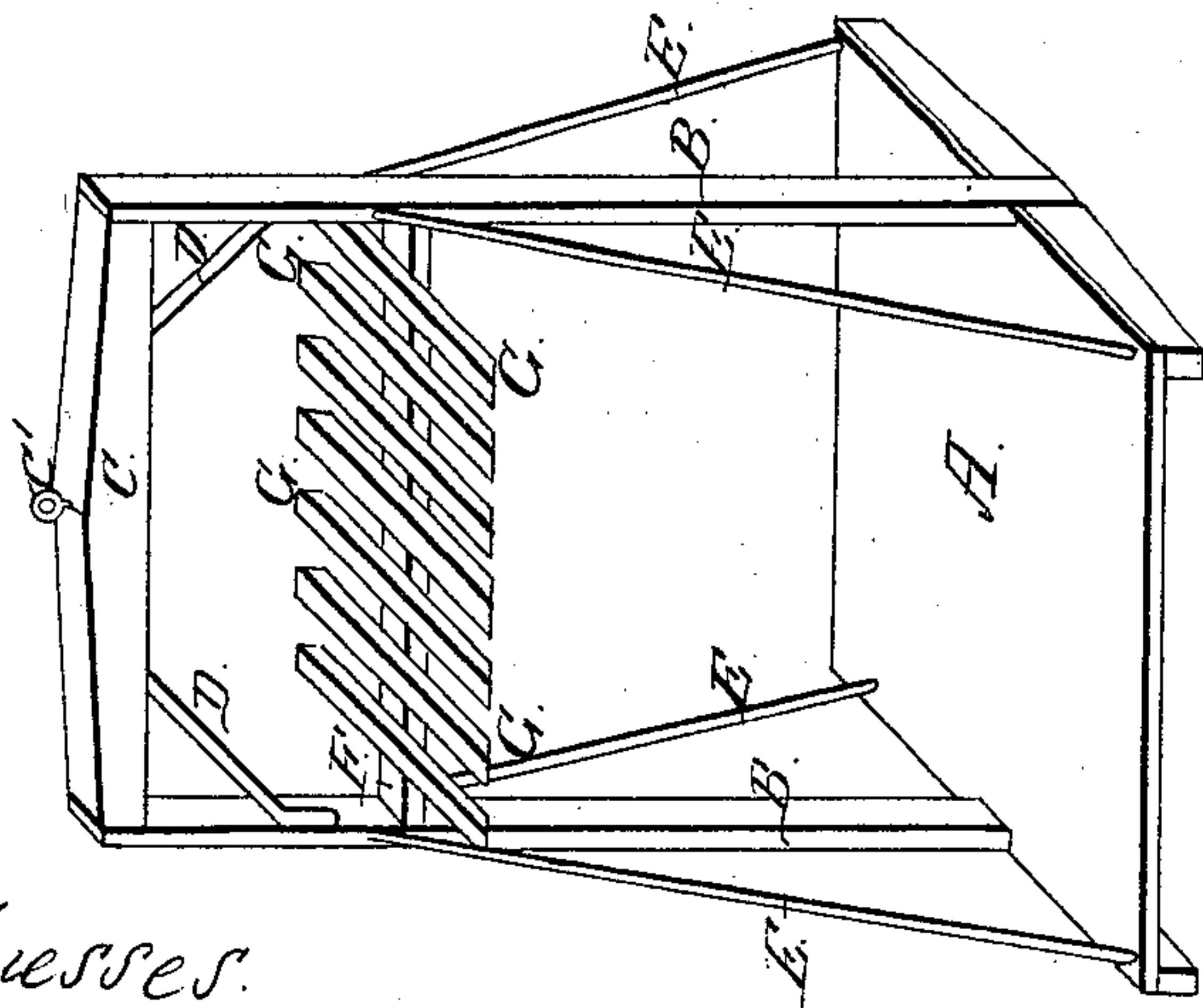
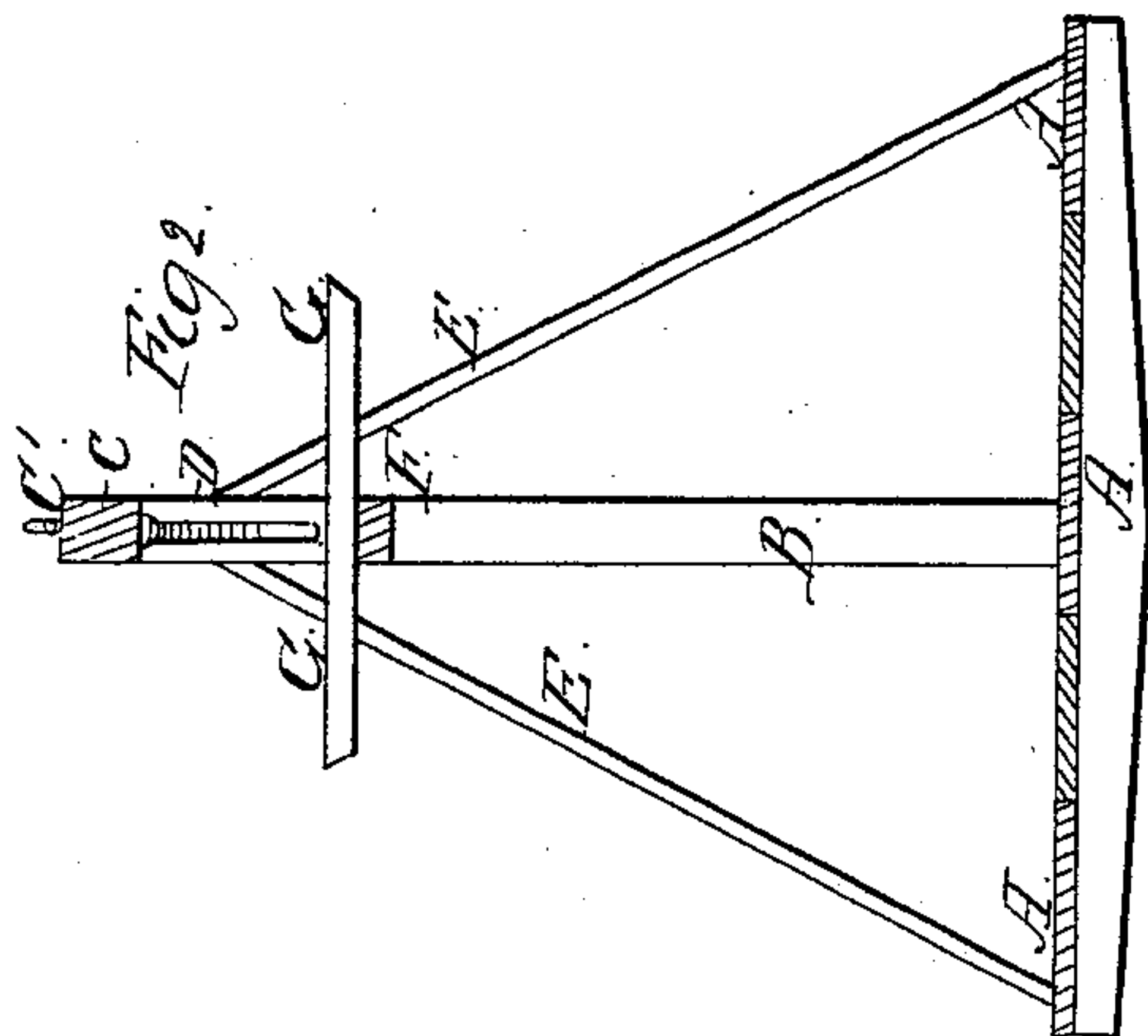


L. Atwood.

Hoisting Apparatus.

No 85.419.

Patented Dec. 29, 1868.



Witnesses.
F. H. Sprague
E. C. Clenden

Inventor.
Leonard Atwood
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Attys

United States Patent Office.

LEONARD ATWOOD, OF NEW YORK, N. Y.

Letters Patent No. 85,419, dated December 29, 1868.

HOISTING-APPARATUS FOR BUILDERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, LEONARD ATWOOD, of the city, county, and State of New York, have invented a new and useful Improvement in Hoisting-Apparatus; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making part of this specification, in which—

Figure 1 is a perspective view, and

Figure 2 is a vertical transverse section.

The same letters are employed in both figures in the indication of the same parts.

My improvement relates to platforms, used in connection with hoisting-apparatus, used by builders in the elevation of materials employed in the erection of houses; and

It consists in combining, with said platforms, a rack, transversely arranged, and having a series of parallel rack-bars centrally attached to a transverse beam, and so arranged that a series of hods may be placed side by side, and attached or detached independently from either end of the platform.

In the annexed drawings—

A is an ordinary hoisting-platform, such as is in common use in hoisting-apparatus, suspended by frame-pieces B B, attached on each side of the platform.

C is the cross-piece, connecting the side-pieces B B at the top, through which is placed the eye-bolt C', into which the hoisting-rope or chain is hooked.

The brace-rods D D are extended from the top-piece to the side-pieces, and the brace-rods E E are extended from the side-pieces to the corners of the platform, as shown.

A cross-beam, F, is placed transversely across, between the side-pieces B B, and to it is bolted a series of parallel bars, G, equidistant from one another, and of proper length, and at proper distances apart, to receive and support hods, such as are in common use in carrying bricks and mortar to be used in building houses.

I am aware that frames have been heretofore used in connection with platforms to support such hods, but they have been so arranged that only a small number of hods could be used upon a platform, as the frames were placed so that the hods rested lengthwise with the transverse diameter of the platform.

My improvement is distinguished from these by changing the arrangement of the racks, so that the hods, resting side by side, are placed lengthwise with the platform, and may be placed and displaced by an attendant stepping on to the end of the platform, at either end, as may be most convenient.

What I claim as my invention, and desire to secure by Letters Patent, is—

The parallel bars G G, attached to the transverse beam F, used in combination with the platform and frame of a hoisting-apparatus, and arranged, in relation thereto, substantially in the manner and for the purpose set forth.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

LEONARD ATWOOD.

Witnesses:

R. MASON,

F. H. SPRAGUE.