

P. J. Tillmann.

Door Pulley.

N^o 88,592.

Patented Apr. 6, 1869.

Fig. 2.

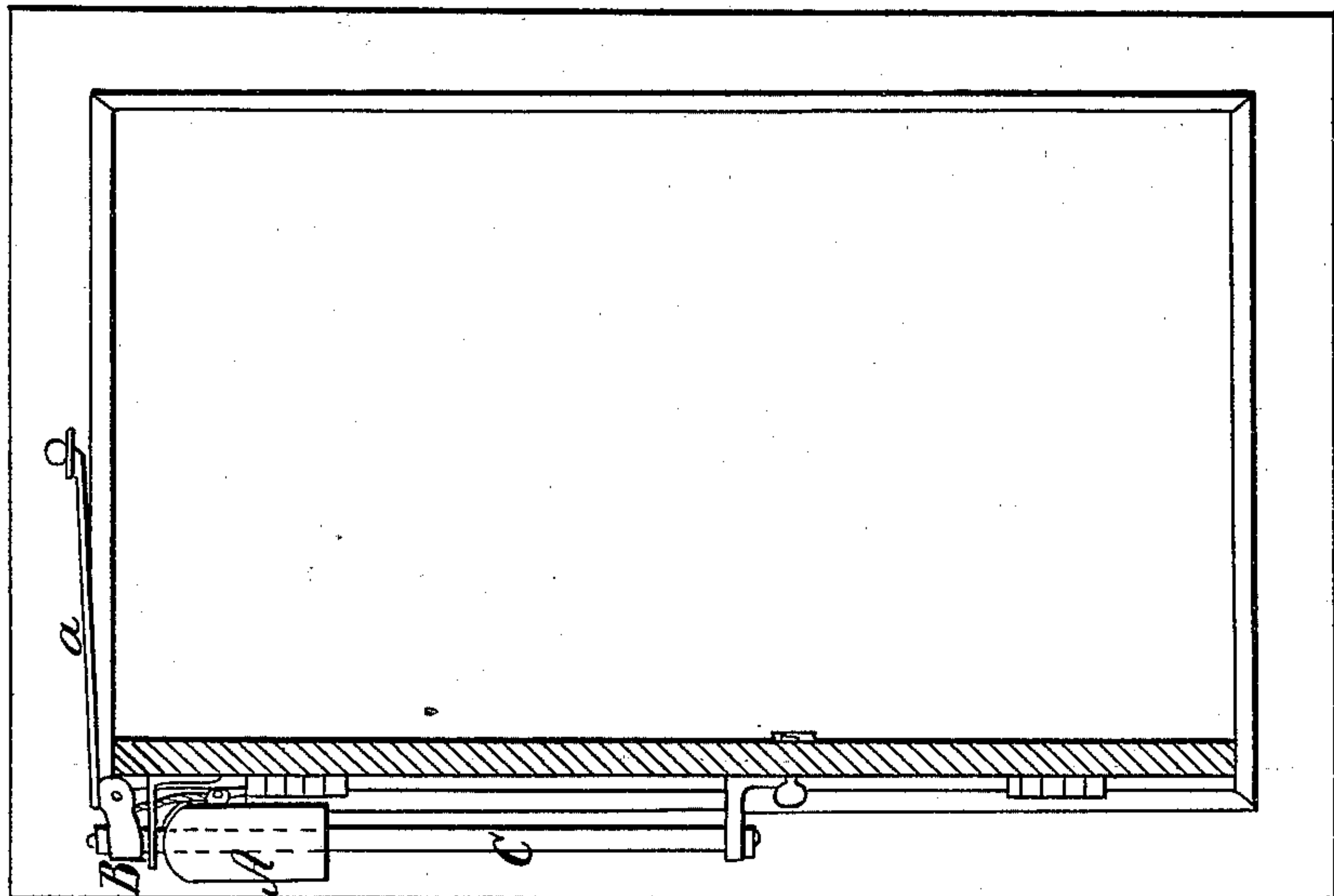
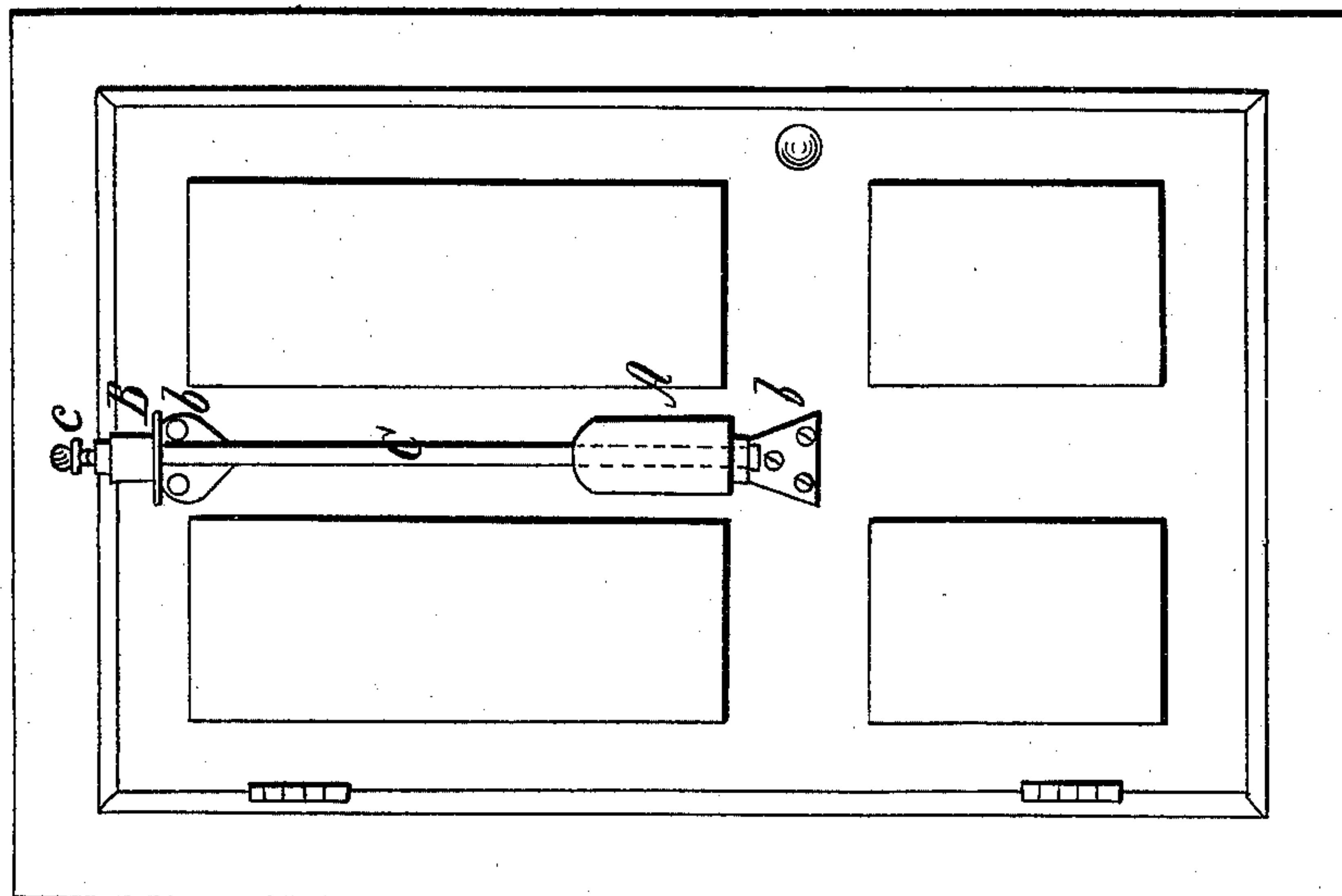


Fig. 1.



Witnesses;
George W. Thurman
Samuel H. Webster

Inventor;
Peter Joseph Tillmann
per
Henry L. Taylor
att'y.

United States Patent Office.

PETER JOSEPH TILLMANN, OF TRENTON, NEW JERSEY, ASSIGNOR
TO HIMSELF AND JOHN REISER, OF SAME PLACE.

Letters Patent No. 88,592, dated April 6, 1869.

IMPROVEMENT IN DOOR-PULLEY.

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, PETER JOSEPH TILLMANN, of Trenton, in the county of Mercer, and State of New Jersey, have invented a new and useful Improvement in Door-Pulleys; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Figure 1 represents a door closed, with my improvement attached.

Figure 2 represents a door half open.

Similar letters of reference denote like parts.

My invention consists of a weight sliding on a square bar on the inner side of a door, to which weight is attached a cord passing through a pulley at the upper end of the slide-bar, and secured to the casing. This bar may be placed in the centre, or near the outer edge of the door.

To enable others to make use of my invention, I will proceed to describe the same.

A is a weight, which may be cast solid or hollow, and then loaded to suit the size of the door, having a square cavity longitudinally, so as to fit the slide-bar C, which is secured to the door at each end by ears *b b*.

B is a pulley on the upper end of slide-bar C, constructed with a swivel, to prevent the cutting or wearing of the cord.

a is a cord, fastened to weight A on the inner side, passing through the upper ear, over the pulley B, and attached to the casing of the door by staple *c*.

This device can be applied to any kind of door, and is more effective, and less expensive than any other door-pulley now in use, and not liable to get out of order.

Having thus fully described my invention,

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

The weight A, slide-bar C, and swivel-pulley B, when constructed, arranged, and combined, substantially as and for the purposes herein set forth.

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

PETER JOSEPH TILLMANN.

Witnesses:

SAMUEL WOOLVERTON,
G. D. W. VROOM.