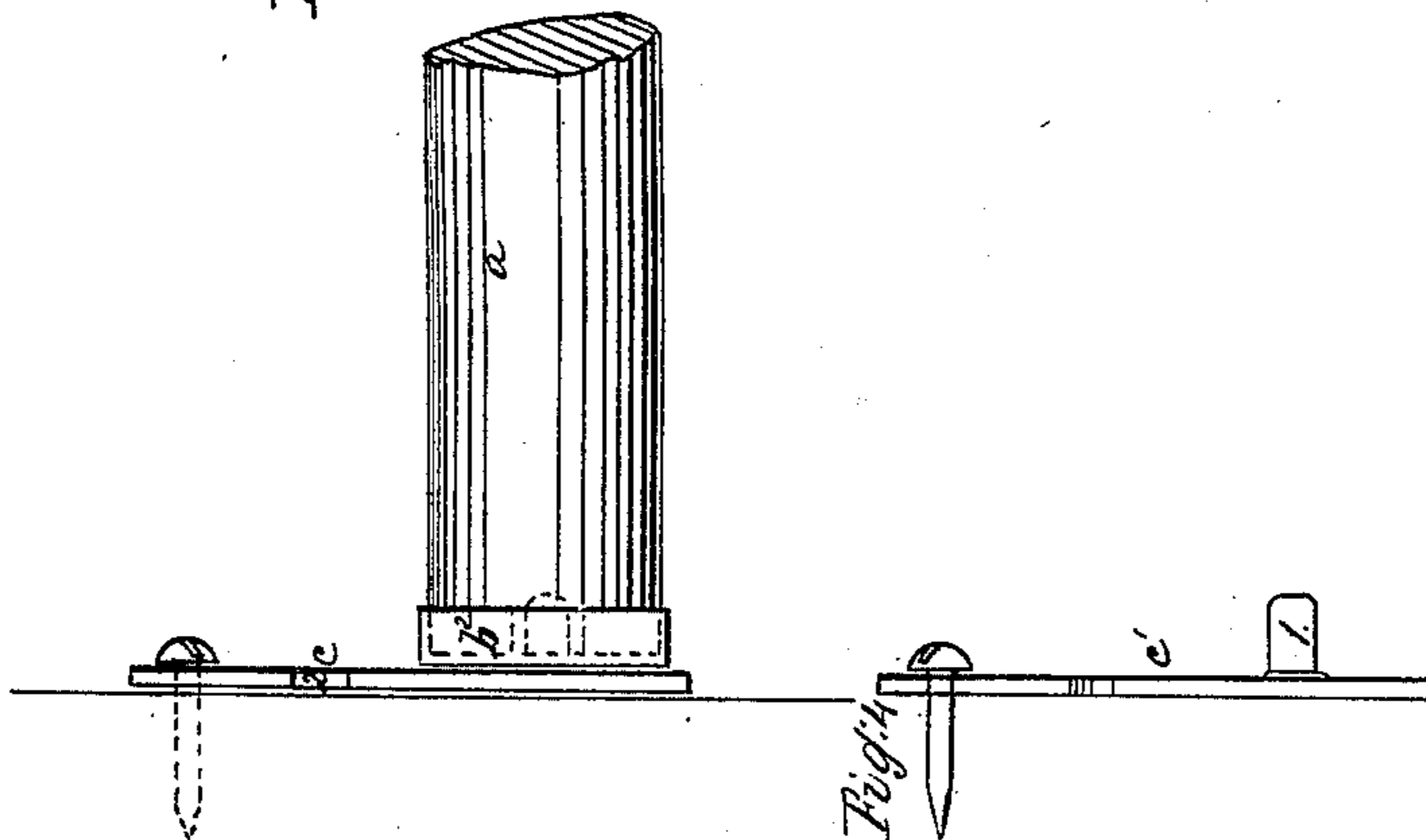
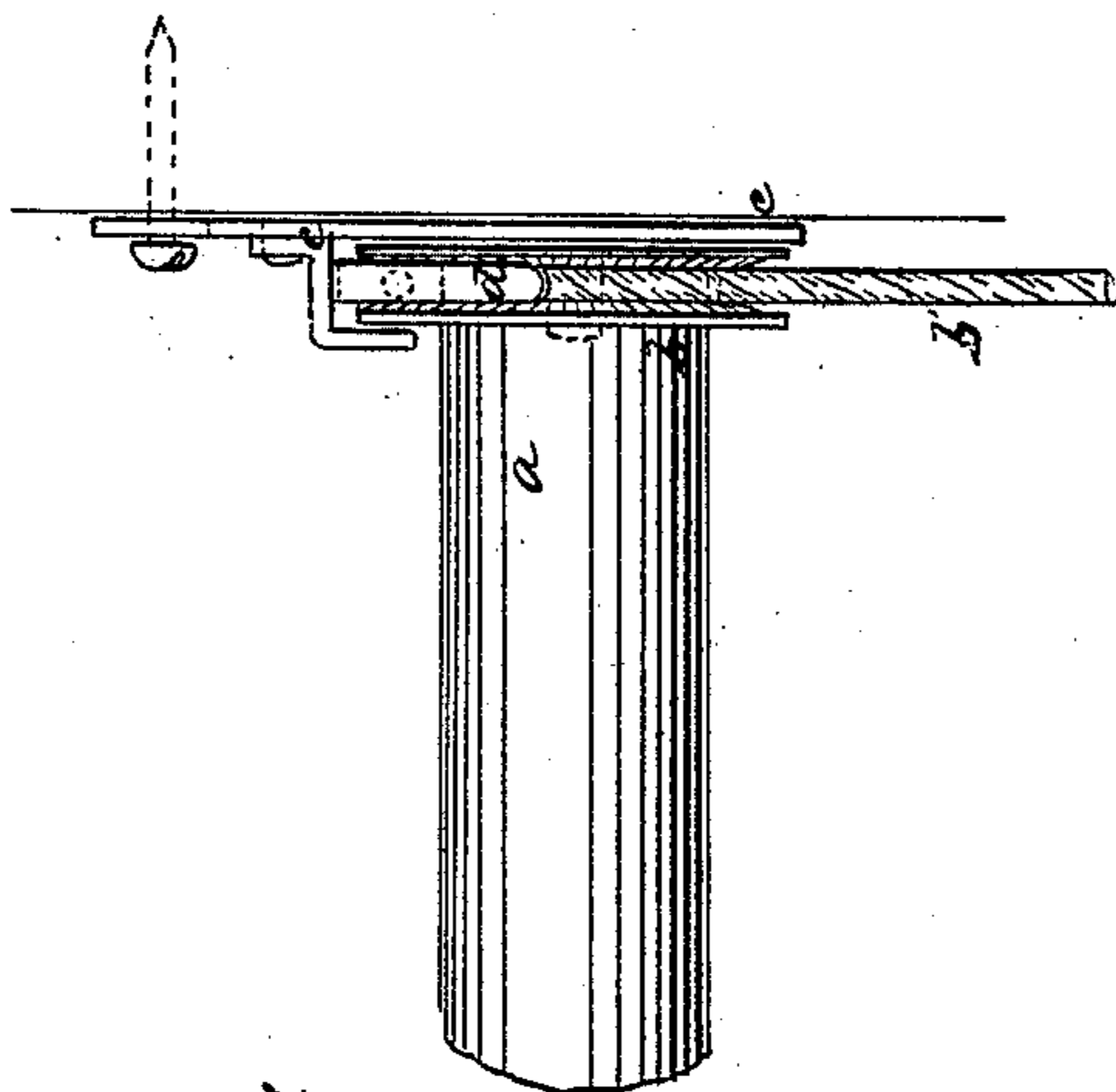
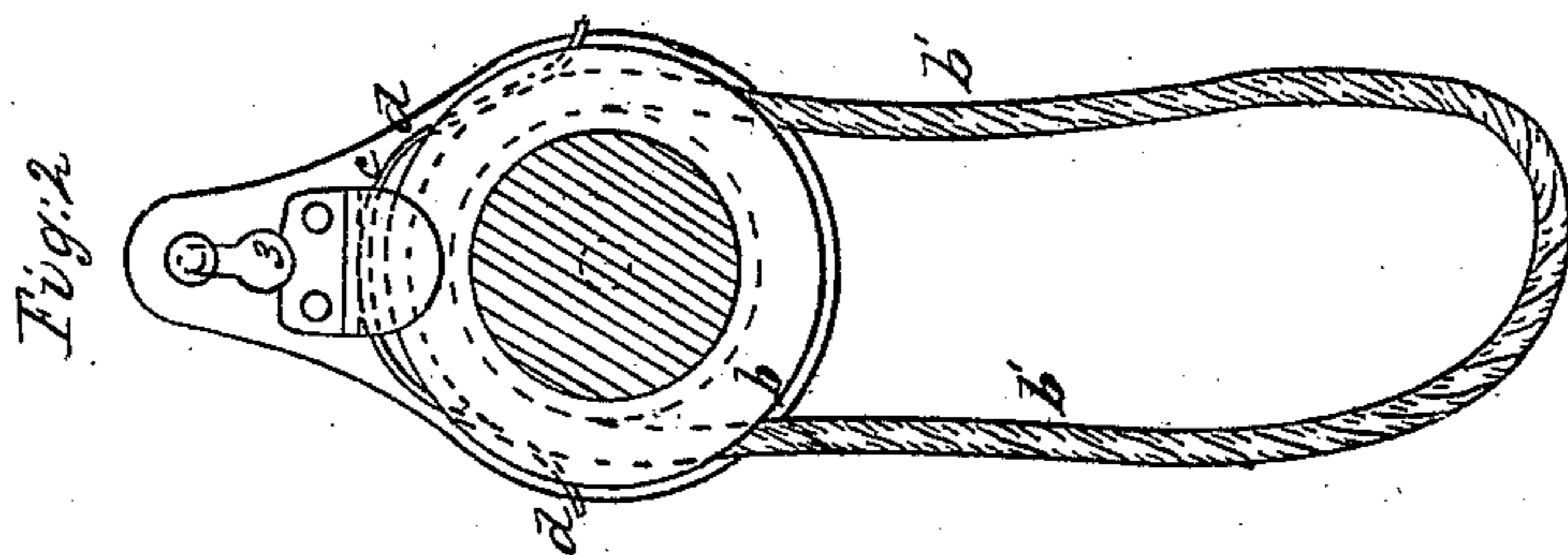


J. B. Holmes, Jr.,

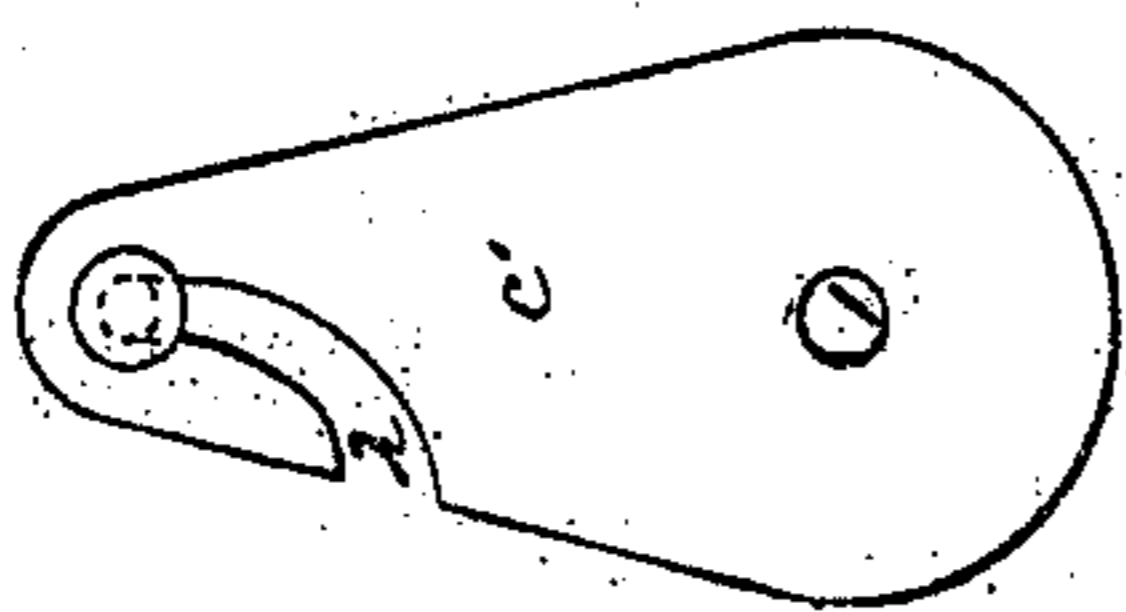
Curtain Fixture.

N^o 25,644.

Patented Oct. 4, 1859.



Witnesses
Samuel W. Serrell
Chas. B. Smith



Inventor
J. B. Holmes, Jr.

UNITED STATES PATENT OFFICE.

JOHN B. HOLMES, JR., OF NEW YORK, N. Y.

CURTAIN-FIXTURE.

Specification of Letters Patent No. 25,644, dated October 4, 1859.

To all whom it may concern:

Be it known that I, JOHN B. HOLMES, JR., of the city, county, and State of New York, have invented, made, and applied to use certain new and useful Improvements in Fixtures for Curtains or Window-Shades; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing, making part of this specification, wherein—

Figure is a side view of the ends of my curtain or shade fixture. Fig. 2 is a view of the cord pulley. Fig. 3 is a side view and Fig. 4 is an edge view of my hanging bracket.

Similar marks of reference indicate the same parts.

Curtain or shade fixtures have heretofore been fitted to draw up or down by the friction of a tape or endless band around a pulley, and cords winding around a barrel or running over a wheel at the end of the shade or blind roller have also been used.

My invention consists in constructing the bracket in such a manner that a spring is applied and combined with an endless cord or band that runs over the pulley, simultaneously holding the cord to its pulley and preventing the shade descending by its gravity; I also construct my brackets in such a manner that they can be more easily made and put up, and are more durable in use than any of the brackets for shade fixtures with which I am acquainted.

In the drawing *a*, is the roller onto which the curtain or shade is to be wound.

b, is a grooved pulley with a roughened, V shaped, groove taking the usual cord *b'*.

c, is the bracket hereafter described onto which a spring *d*, is attached, and said spring sets into the groove of the pulley *b*, and confines, to the roughened surface thereof, the endless blind cord *e*.

It has been usual heretofore to have the axis of the roller on which it was rotated,

to extend out and set into sockets attached to the window, these take considerable space and the blind has to be narrower in proportion: To obviate this I construct my brackets *c, c'*, of a metallic plate, onto which is cast or formed a projecting pin 1, which enters a hole in the pulley *b*, or in the end *b²*. In order to hang these brackets up I use a nail or screw passing through the upper part of said bracket into the window casing, and from the hole for the nail I cut an opening 2 to form a hook as in Fig. 3, or else an opening to pass the nail head as at 3 in Fig. 2.

It will now be apparent that the shade roller will turn either way as pulled by the cord *b'*, and sustain the shade in the position in which it is placed, at the same time but little room is required at the sides of the shade, and the parts are durable and very easily applied or removed.

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

1. The spring *d*, in combination with the roughened V shape grooved pulley *b*, and endless cord or band *b'*, said parts being arranged to operate in relation to each other as specified.

2. I also claim the brackets *c, c'*, provided with the center pins 1, entering the roller ends *b, b²*, in the manner and for the purposes specified.

3. I also claim forming the bracket *c*, with the slot and opening 3, and the bracket *c'*, with a hook shaped slot 2 to afford opportunity of removing the whole of the parts without having to draw the screws or nails passing through said brackets, as specified.

In witness whereof I have hereunto set my signature this fifteenth day of August 1859.

J. B. HOLMES, JR.

Witnesses:

LEMUEL W. SERRELL,
CHAS. H. SMITH.