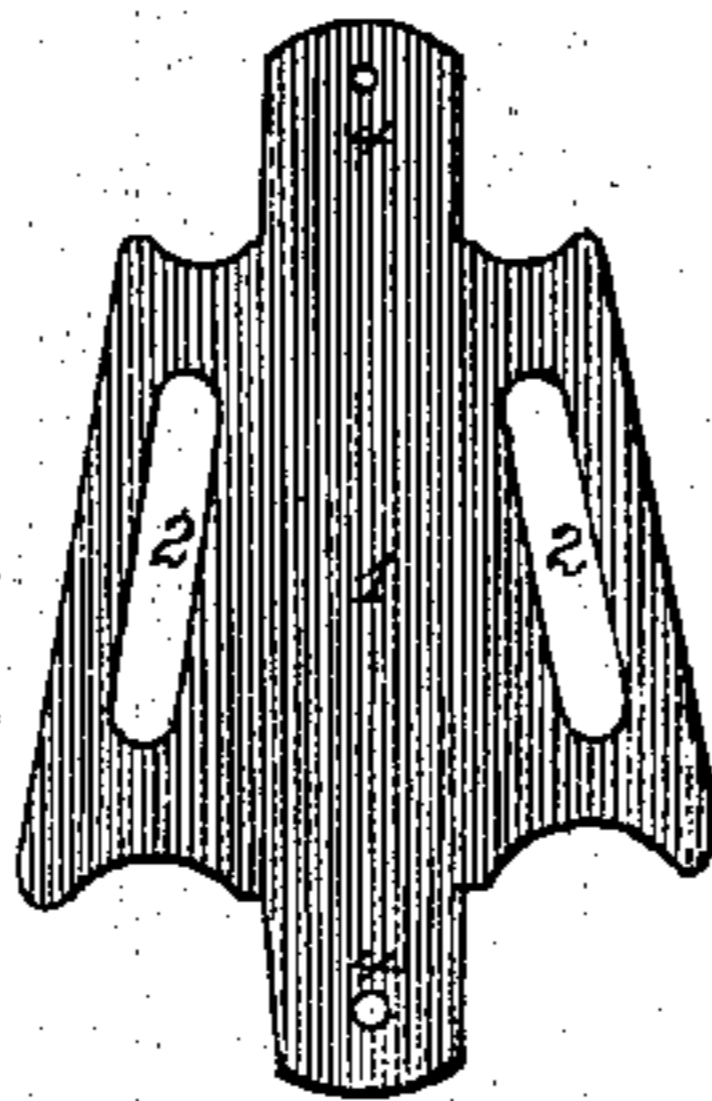
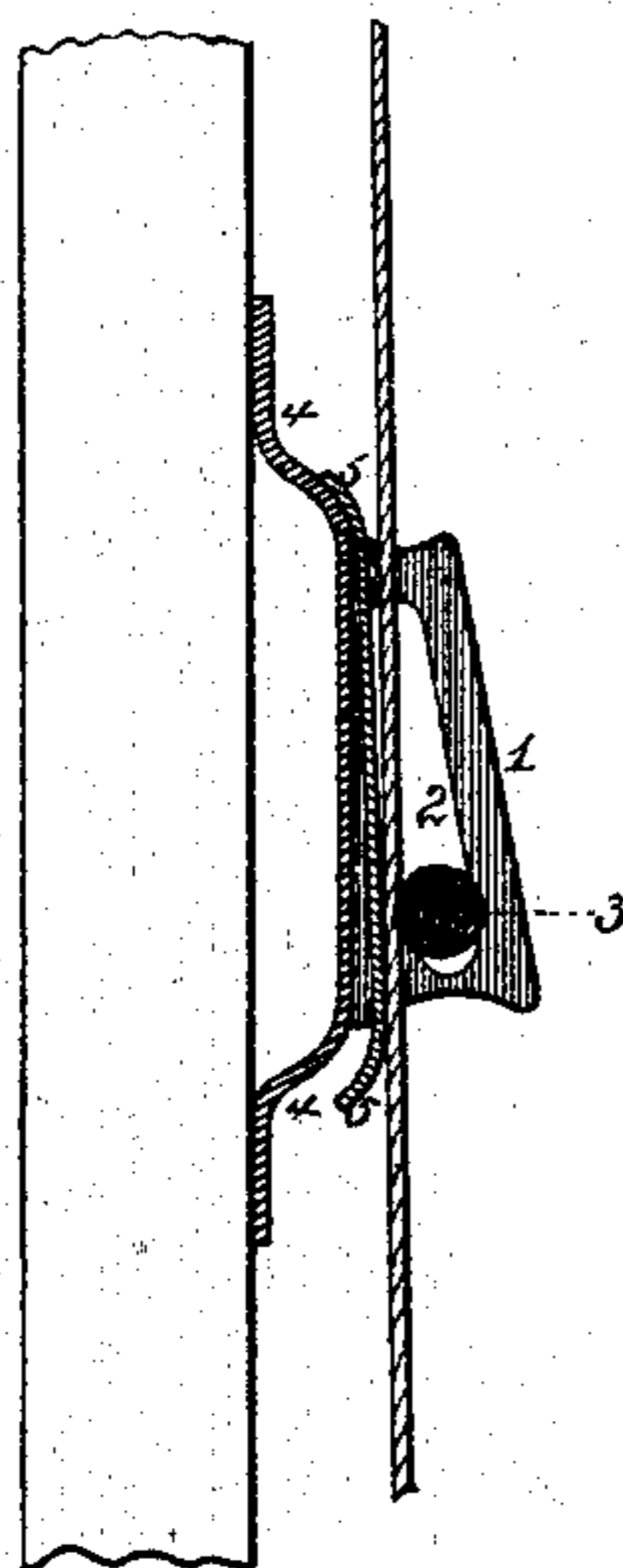


A. E. LAZELL.
Curtain-Fixtures.

No. 139,719.

Patented June 10, 1873.

Fig. 1.



WITNESSES.

Wm. Johnson
Willie Kendig.

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Fred. A. Lehmann, Atty.

UNITED STATES PATENT OFFICE.

ALMON E. LAZELL, OF WEST MERIDEN, CONNECTICUT.

IMPROVEMENT IN CURTAIN-FIXTURES.

Specification forming part of Letters Patent No. **139,719**, dated June 10, 1873; application filed May 13, 1873.

To all whom it may concern:

Be it known that I, ALMON E. LAZELL, of West Meriden, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Curtain-Fixtures; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification:

The nature of my invention relates to an improvement in curtain-fixtures for holding the cord; and it consists in, first, a roller and an inclined plane, which allow the cord to be freely moved in one direction, but which catch and hold it as soon as the reverse motion begins; second, a spring placed under the roller, so that the action of the roller in binding the cord shall be easy and gradual; and, third, in the frame, in which the roller and spring are placed—all of which will be more fully described hereafter.

Figure 1 is a sectional view of my holder. Fig. 2 is a plan view of the plate out of which the frame is formed.

1 represents the frame, stamped from a sheet of any suitable kind of metal, having the two slots, 2, in which the roller 3 plays, and the two ends, 4, which form the legs, for securing the frame to the window-frame, as shown in Fig. 1. After the plate has thus been stamped, it is placed in a suitable die, so as to turn up the sides and bend down the legs, and then

the roller 3 and spring 5 are secured in position.

As the two slots are cut so as to approach each diagonally, when the sides are turned up, they form inclined planes for the roller, which allow the cord to be pulled freely down, but as soon as it begins to move in the opposite direction the roller catches and binds it against the bottom of the frame so as to hold it firmly and securely. The spring 5, placed in the bottom of the frame, under the roller, gradually gives as the roller begins to bind the cord, making its action gradual and easy and preventing any sudden jerks.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a curtain-holder, the roller 3 working in the inclined planes or slots of a suitable holding frame, when arranged to operate substantially as shown and described.

2. The spring 5, arranged in a suitable frame, and combined with a roller working in an inclined plane or slot, substantially as set forth.

3. The frame 1, having the inclined slots 2 and legs 4, when constructed as specified, in combination with the roller 3, substantially as shown.

In testimony that I claim the foregoing I have hereunto set my hand this 8th day of May, 1873.

Witnesses: ALMON E. LAZELL.

E. B. EVERITT,

CHARLES P. IVES.