

(No Model.)

M. L. HALL.
BLIND STOP.

No. 430,286.

Patented June 17, 1890.

Fig. 2

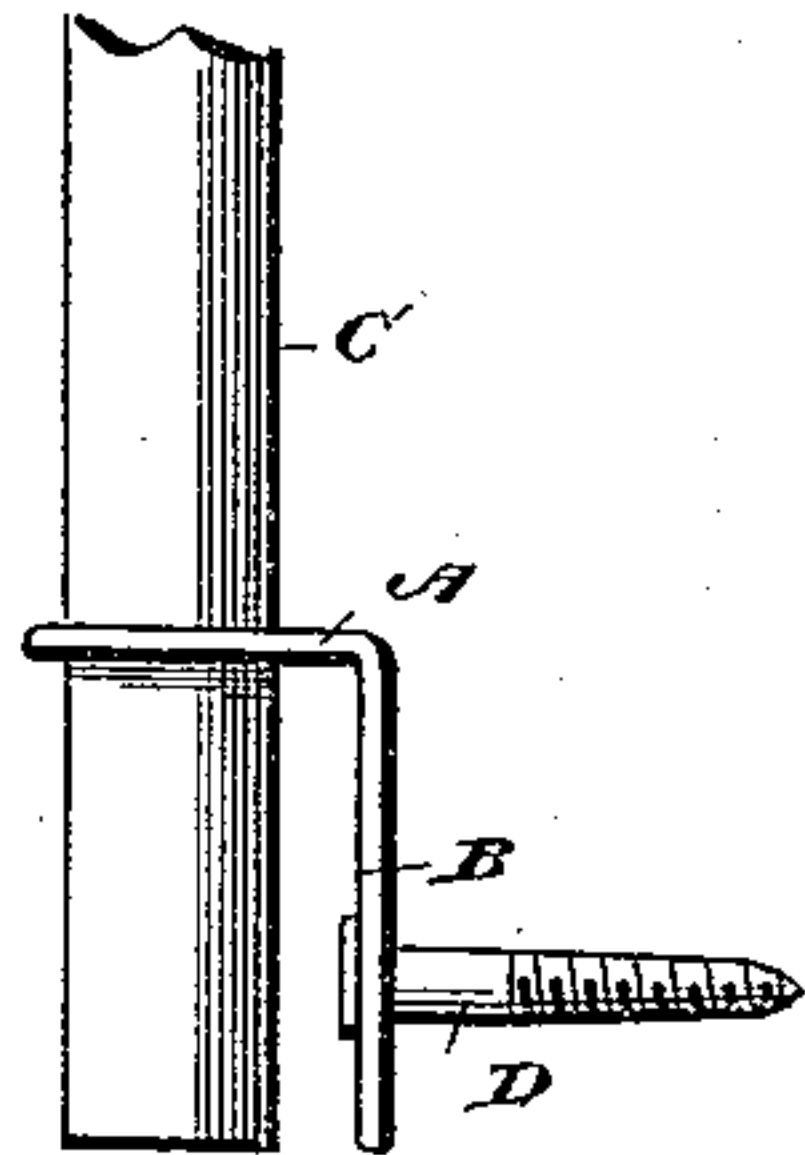


Fig. 1.

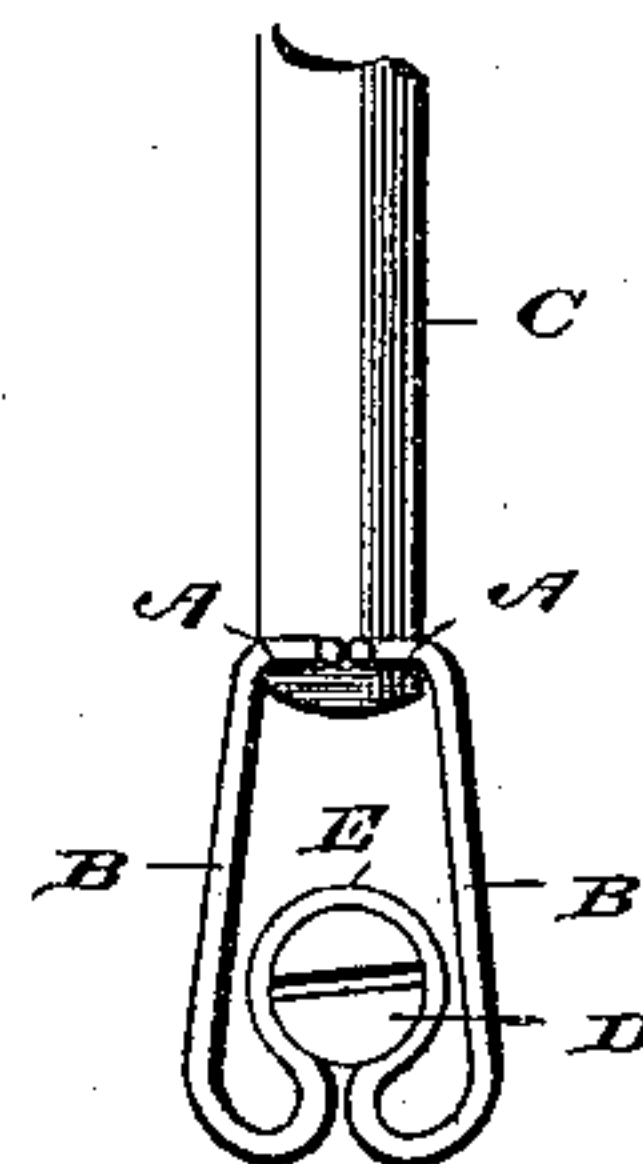
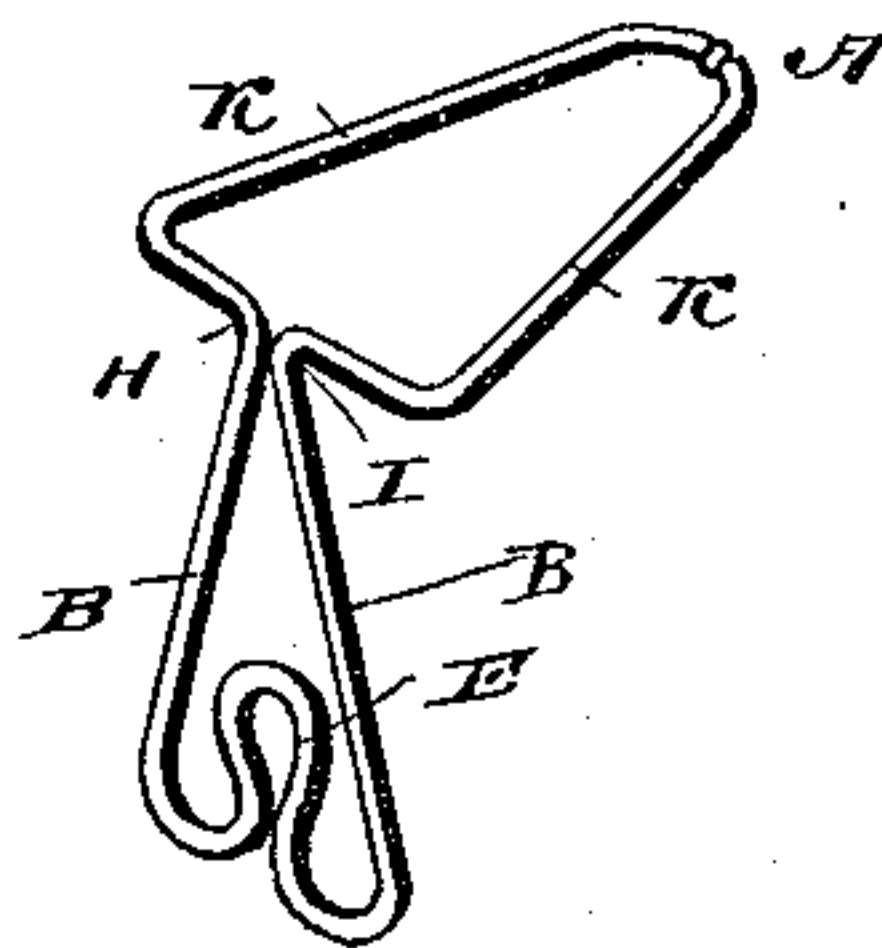


Fig. 3.



Witnesses

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By *his* Attorneys

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UNITED STATES PATENT OFFICE.

MARQUIS L. HALL, OF OMAHA, NEBRASKA.

BLIND-STOP.

SPECIFICATION forming part of Letters Patent No. 430,286, dated June 17, 1890.

Application filed September 10, 1889. Serial No. 323,529. (No model.)

To all whom it may concern:

Be it known that I, MARQUIS L. HALL, a citizen of the United States, residing at Omaha, in the county of Douglas and State of Nebraska, have invented certain new and useful Improvements in Blind-Stops; and I do 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 appertains to make and use the same.

This invention relates to blind-stops, and is designed as an improvement upon the devices set forth in the Letters Patent granted to me June 18, 1889, No. 405,665.

In the Letters Patent above referred to the eye which receives the slat-bar is of a circular form, being composed of two semi-circular branches, and as so constructed the free working of said bar is prevented. In use the slat-bar does not work truly vertical, but, on the contrary, has a curvilinear movement in a vertical position, and in the employment of a circular eye it is obvious that the free movement of this bar is prevented.

To overcome this objection is the object of my invention, and such object is accomplished by making the branches of the loop straight and having them converge at the ends.

Reference being had to the annexed drawings, Figure 1 is a front view of a portion of a slat-connecting bar of a blind with my improvements applied. Fig. 2 is a side view of the same, and Fig. 3 is a perspective view of the device removed from the blind-bar.

Before describing the details of construction I desire to say that I am well aware that it is not new to provide a device for holding the connecting-bars of blind-slats so that the latter may be kept in an open position, such devices having been formed by providing a notched strip having a slotted handle, and a trigger and a spring loop secured to the blind-frame, so that it may be made to engage the notches in the plate carried by the strip. Another form of device used for this purpose consists of a forked plate secured to the blind and adapted to arrest the downward movement of the connecting bar or rod.

In carrying out my invention I take a piece of spring-wire of a sufficient length and bend it midway of its length so as to form an eye E, after which the branches are bent slightly downward and upward to form vertical branches B, which are bent to form straight horizontal branches, converging at the ends to form clamping arms or branches A.

In applying my improvements to a window-blind I place the vertical branches B squarely against the lower portion of the blind, with the arms directly under the rod, and, pressing the same upward to prevent the slats from clattering by the wind, secure the same by means of a screw D, inserted in the eye E. When thus fastened, the straight converging branches A A will assume a horizontal position, with the interspace or aperture between them vertically disposed and at a convenient point to receive the lower end of the slat-connecting bar or rod C, and thereby hold the same in the desired position.

From the construction shown it will be seen that I produce a device that may be manufactured at a very small expense, and as the straight converging horizontal branches A and the vertical branches B are formed entire and from spring-wire, I practically attain a spring or yielding clamp from the eye of the device, so that the whole may be adapted to clamp a slat-bar of any size, and hold it with even pressure as it moves downward and outward to the ends of the clamping-arms, which, by their converging at the end, renders the spring double-acting.

Having described my invention, what I claim is—

1. As an improved article of manufacture, a device for holding the connecting-rod of blind-slats, consisting of a single piece of wire bent midway of its length to form an eye, and having upwardly-directed branches B, which are then bent horizontally and outwardly in a straight line, converging at the ends, forming clamping-arms, substantially as set forth.

2. As an improved article of manufacture, a device for holding the connecting bar or rod of the blind-slats, consisting of a single

piece of wire bent midway of its length to
form an eye, and having upwardly-directed
branches B and straight horizontal converg-
ing branches forming the clamping portion,
5 the whole being adapted to be secured to a
window-blind by a screw, substantially as
specified.

In testimony whereof I affix my signature
in presence of two witnesses.

MARQUIS L. HALL.

Witnesses:

WILLIAM L. MCCAGUE,
ALEX. J. CHARLTON.