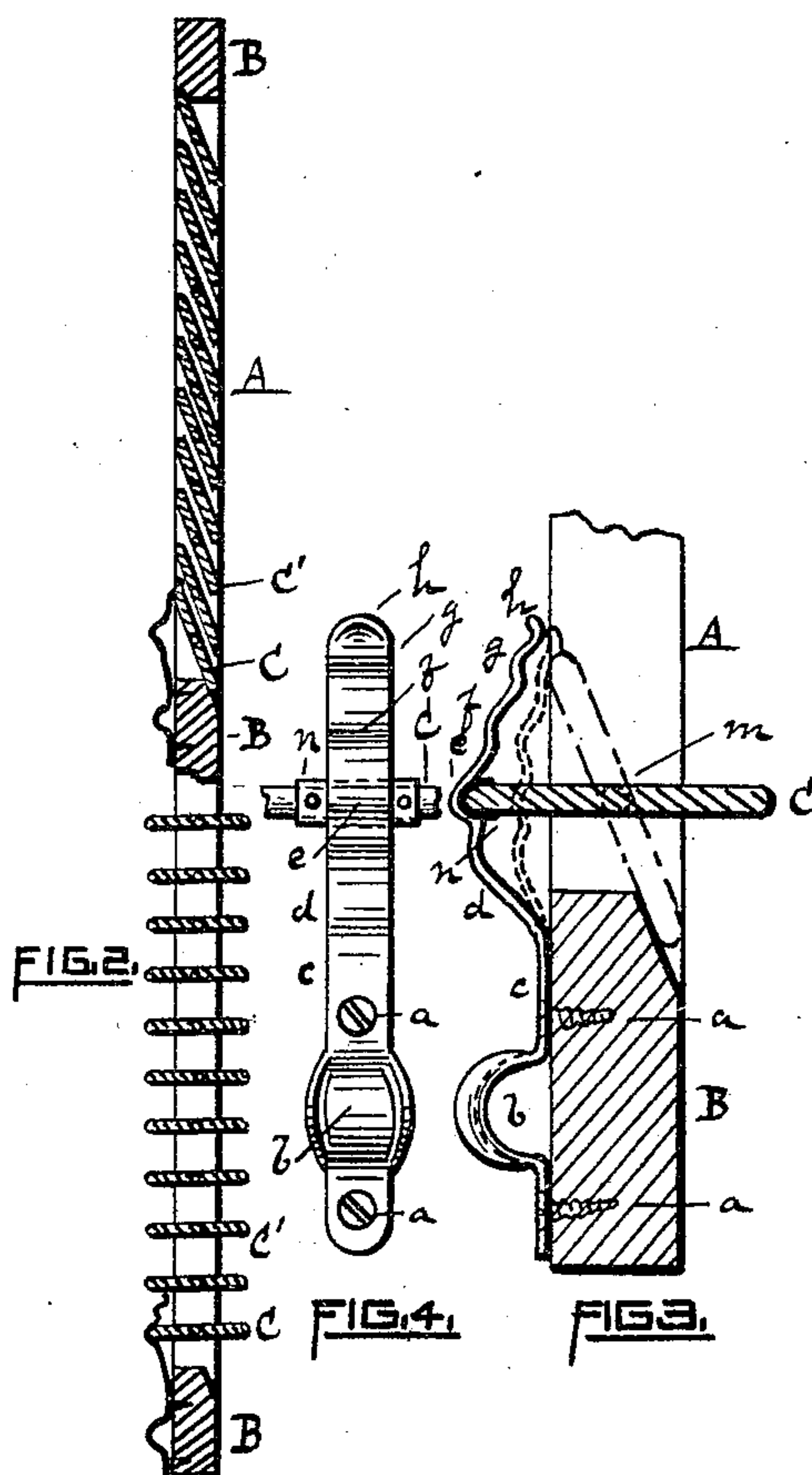
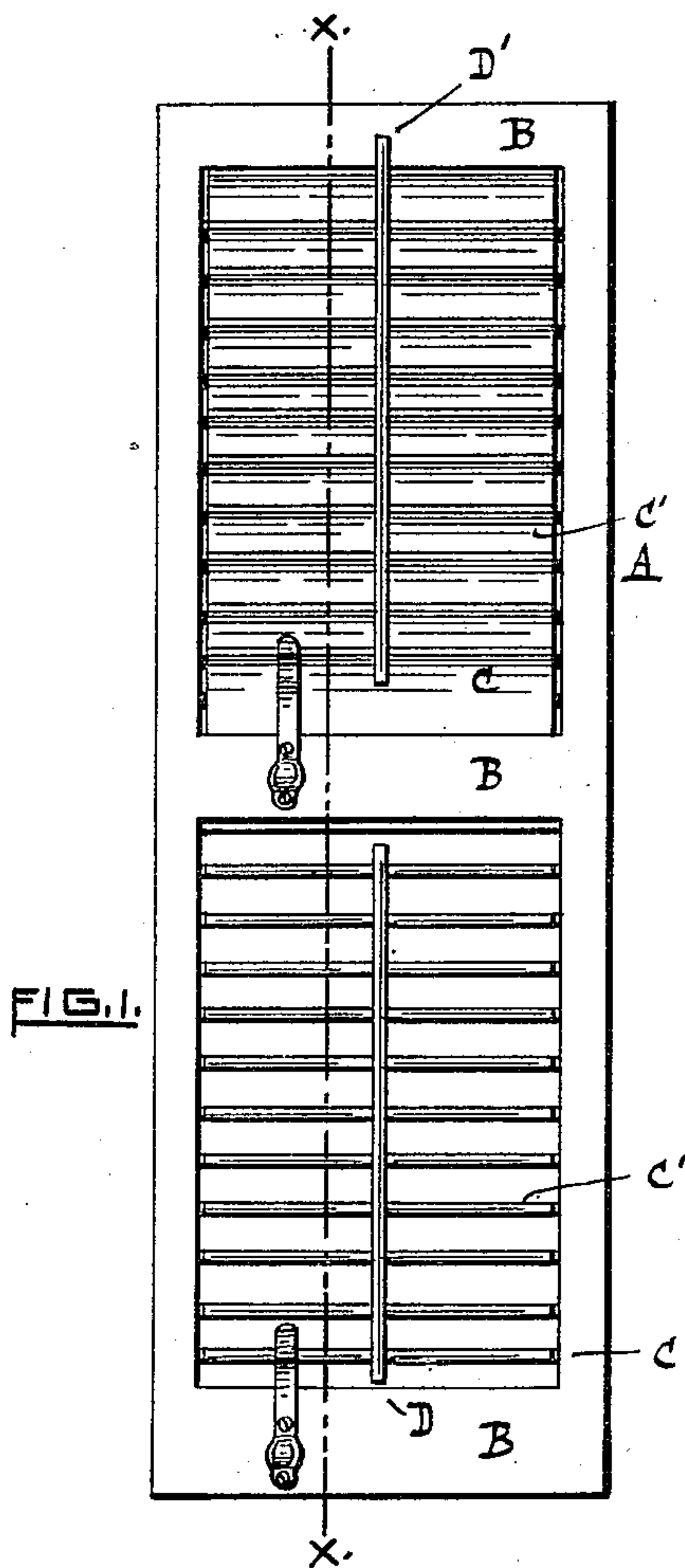


(No Model.)

N. F. MATHEWSON.
BLIND STOP OR PULL.

No. 459,723.

Patented Sept. 15, 1891.



WITNESSES.

Harmon S. Pabey
Warren R. Pease

INVENTOR.

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UNITED STATES PATENT OFFICE.

NATHAN F. MATHEWSON, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR OF
ONE-HALF TO JEROME A. SALISBURY, OF SAME PLACE.

BLIND STOP OR PULL.

SPECIFICATION forming part of Letters Patent No. 459,723, dated September 15, 1891.

Application filed November 10, 1890. Serial No. 370,973. (No model.)

To all whom it may concern:

Be it known that I, NATHAN F. MATHEWSON, of the city and county of Providence, in the State of Rhode Island, have invented a certain new and useful Improvement in a Combined Pull and Slat-Fastener for Window-Blinds; and I declare the following to be a specification thereof, reference being had to the accompanying drawings.

10 Like letters indicate like parts.

Figure 1 is a front elevation of a window-blind having my improved blind-pull and slat-fastener thereon. Fig. 2 is a vertical section of the same as seen on line *xx* of Fig. 1, the pull and fastener being in side elevation. Fig. 3 is an enlarged view of my invention, partly in side elevation and partly in vertical section on line *xx* of Fig. 1. Fig. 4 is a front elevation of my invention, the fastener being shown in engagement with a blind-slat.

My invention is a device adapted to serve as a pull for a window-blind and also to hold in certain positions the floats or slats of a window-blind; and it consists of a strip of metal possessing a suitable degree of temper and attached to the cross-piece of a window-blind by screws, and bent so as to form a handle or pull at the bottom, and also bent at the top so as to allow its frictional engagement with the edge of a blind-slat for the purpose of holding the same in certain desired positions, as hereinafter more particularly specified.

35 In the drawings, A is a front elevation of a window-blind having the cross-bars B B and slats C C', the latter being connected by the rods D D', as usual.

My improved pull and fastener is made of a strip of metal suitably tempered, and is fastened to a cross-bar B by screws *a a*. It has a handle or pull *b*, slightly wider than the other portions of the strip, with edges on each side turned outwardly, so that it may present a rounded surface on the sides to be conveniently drawn by the finger. The portion *c* above the handle *b* for a certain distance is straight, so as to lie snugly against the cross-bar B, and then is bent outwardly, as seen at *d*, and then into a series of curves *e*, *f*, *g*, and *h*. The lowest of the slats C, which is the only one of the series to engage with the fastener, is pivoted, as usual, at *m*, and has on its

front edge a U-shaped metallic piece or protector *n* to receive the pressure of the fastener and prevent frictional wearing. When the slats are closed, as shown in the upper half of Figs. 1 and 2, and in dotted lines in Fig. 3, the front edge of said lowest slat rests in the socket *g* of the fastener, which serves as a spring to hold it in said position, and thereby prevents the rattling of the slats, which is occasioned by wind, and holds them firmly in position. When the slats are horizontal, as seen in the lower half of Figs. 1 and 2 and in section in Fig. 3, the front edge of the lowest slat is frictionally held in the socket *e*, and is prevented from accidental displacement by the pressure of the fastener. The socket *f* is adapted to hold the slat in a position intermediate between the two shown in Fig. 3. As the other portion of the fastener is free, it presses against the front edge of the engaging slat in whatever position the latter may be, and by its resilience serves to forcibly secure the slat in position. If desired, the portion *c* may be longitudinally grooved or fluted to stiffen the body of the fastener.

I am aware that it is not new to hold blind-slats in position by means of a spring fixed at one end and having its free end bearing against the edge of the slat, and therefore do not claim the invention, broadly; but I do claim as a novel invention the combination, with such a slat-fastening device, of a blind-pull in one piece with said fastening.

As is well known, the rod which connects the slats of a window-blind is commonly provided with staples which engage with other staples driven into the edge of each slat, respectively. These staples are necessarily very short and small, and have but little holding power, especially when, as usual, the blinds are made of comparatively soft wood, like pine. Now when a strong wind is prevailing or the weather is stormy, or the blind is clogged with ice, it is very common to seize this rod and to draw in the blind thereby, and as a consequence the rod is liable to be pulled off of the slats or to break. By the use of a pull, as above specified, a convenient handle is furnished which prevents such accidents, while the extension of the metallic strip upward and its formation with a slat-

fastening device, makes the one metallic strip have the two functions which are the purpose of my invention.

I claim as a new and useful invention and
5 desire to secure by Letters Patent—

The combined blind-pull and blind-slat fastener herein described, consisting of a strip of tempered metal bent near its lower end into
10 bent into a series of curves adapted to fric-

tionally engage by its resilience with the edge of a blind-slat, in combination with a window-blind having pivotally-mounted slats which are connected by a rod, and a cross-piece to which said handle and fastener are
15 secured, substantially as described.

NATHAN F. MATHEWSON.

Witnesses:

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WARREN R. PERCE.