

(No Model.)

T. CORSCADEN.
SHUTTER FASTENER.

No. 366,996.

Patented July 19, 1887.

Fig. 1.

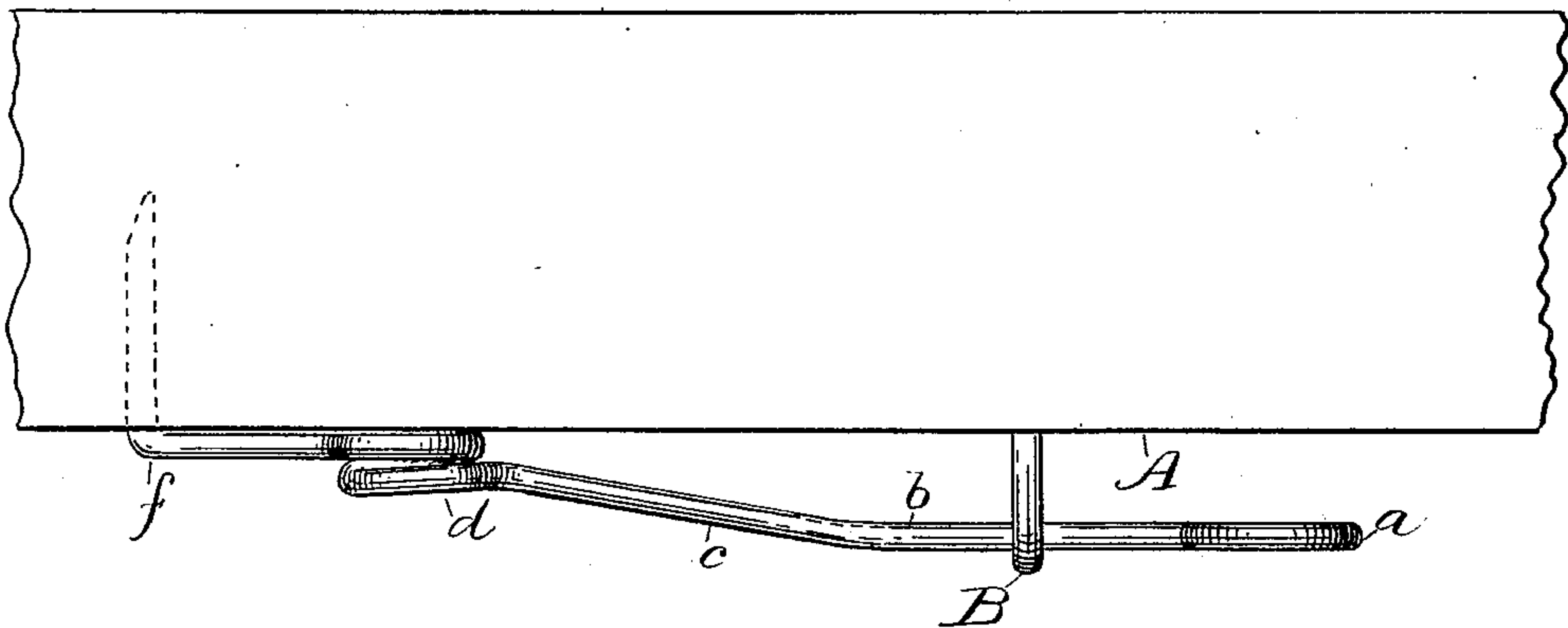


Fig. 2.

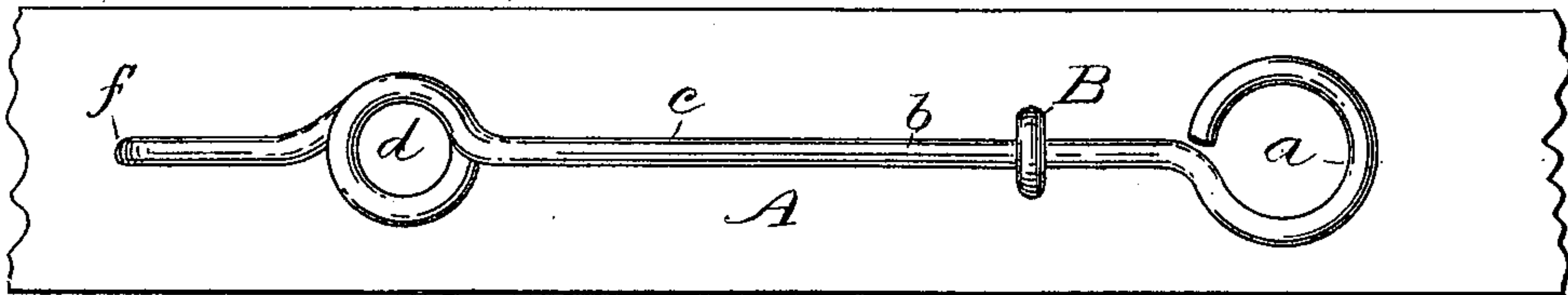
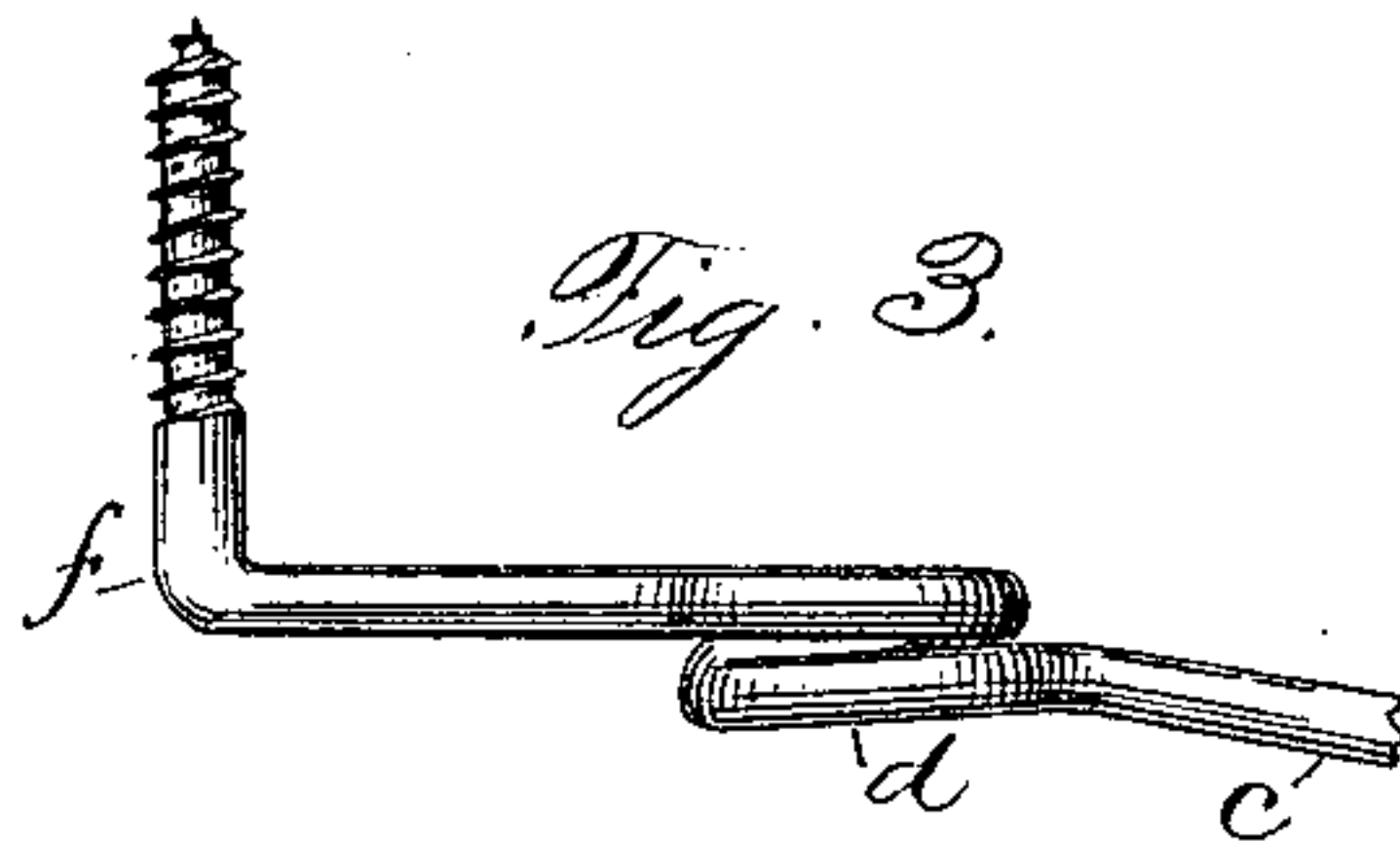


Fig. 3.



Witnesses:
John Edwards Jr.
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Thomas Corscaden.
By James Shepard Atty.

UNITED STATES PATENT OFFICE.

THOMAS CORSCADEN, OF NEW BRITAIN, CONNECTICUT, ASSIGNOR TO
THE STANLEY WORKS, OF SAME PLACE.

SHUTTER-FASTENER.

SPECIFICATION forming part of Letters Patent No. 366,996, dated July 19, 1887.

Application filed January 23, 1885. Serial No. 153,703. (No model.)

To all whom it may concern:

Be it known that I, THOMAS CORSCADEN, a citizen of the United States, residing at New Britain, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Blind and Shutter Fasteners, of which the following is a specification.

My invention relates to improvements in blind and shutter fasteners of the class which are secured to the under edge of the blinds.

In the accompanying drawings, Figure 1 is a front elevation of my sash-fastener, together with the lower part of a blind or shutter. Fig. 2 is a reverse plan view of the same; and Fig. 3 is a side elevation of the shank end of my fastener when provided with a threaded shank instead of a simple pointed shank.

My fastener is formed mainly of a single piece of wire with a coil or loop, *a*, for a handle; a straight portion, *b*, for engagement with a suitable keeper; an inclined portion, *c*, to bring the straight portion a proper distance from the lower edge, *A*, of the blind or shutter; a coiled portion, *d*, to furnish a broad seat for the fastener to rest upon, and a shank, *f*, the end of which is bent and pointed for being driven into the blind or shutter. A staple, *B*, is driven into the lower edge of the blind or shutter to govern the position of the handle end of the fastener and to limit its downward movement. The wire from which the fastener is formed is elastic, so that the handle has a constant tendency to remain pressed downward against the bow of the staple *B*, as shown. The coiled portion *d* is horizontal, so that its broad side rests against the under surface of the blind or shutter. As the blind or shutter swings around and the straight portion *b* strikes the catch or keeper it is first pressed upward thereby, and then snaps downward into engagement with said keeper and fastens the blind or shutter in place.

In order to release the same, the handle *a* is pressed upward until the straight portion *b* is withdrawn. The handle *a* and straight portion *b* are at the outer or free end of the fastener and the inclined portion is between said straight portion and the coiled portion *d*, while the broad side of the coil and so much of shank *f* as is not driven into the wood rests against the under surface of the blind or shutter. If desired, instead of the inclined portion, one or more coils may be added to the coiled portion *d* to bring the free end of the wire to the proper distance from the edge *A*.

I am aware that blind-fasteners have heretofore been formed of spring-wire with a coil between their ends and fastened to the under edge of blinds and shutters, partly by means of staples; and I hereby disclaim the same. So far as I know, the coil in the wire which was between its two ends has always been set in a vertical position instead of horizontal, so that its narrow edge instead of its broad side rested against the under surface of the blind or shutter.

I claim as my invention—

1. The herein-described wire blind or shutter fastener, consisting, essentially, of the free end *a b*, shank *f*, and intermediate horizontal coiled portion, *d*, substantially as described, and for the purpose specified.

2. The herein-described wire blind or shutter fastener, consisting of the shank *f*, the horizontal coil *d*, the straight portion connecting said coil and shank, the inclined portion *c*, slanting downwardly from said coil, and the straight portion *b*, extending from said slanting portion and terminating in a coil at the free end, substantially as described, and for the purpose specified.

THOMAS CORSCADEN.

Witnesses:

JAMES SHEPARD,
EDDY N. SMITH.