

B. F. CROCKER.
Shutter-Fasteners.

No. 151,096.

Patented May 19, 1874.

Fig. 2.

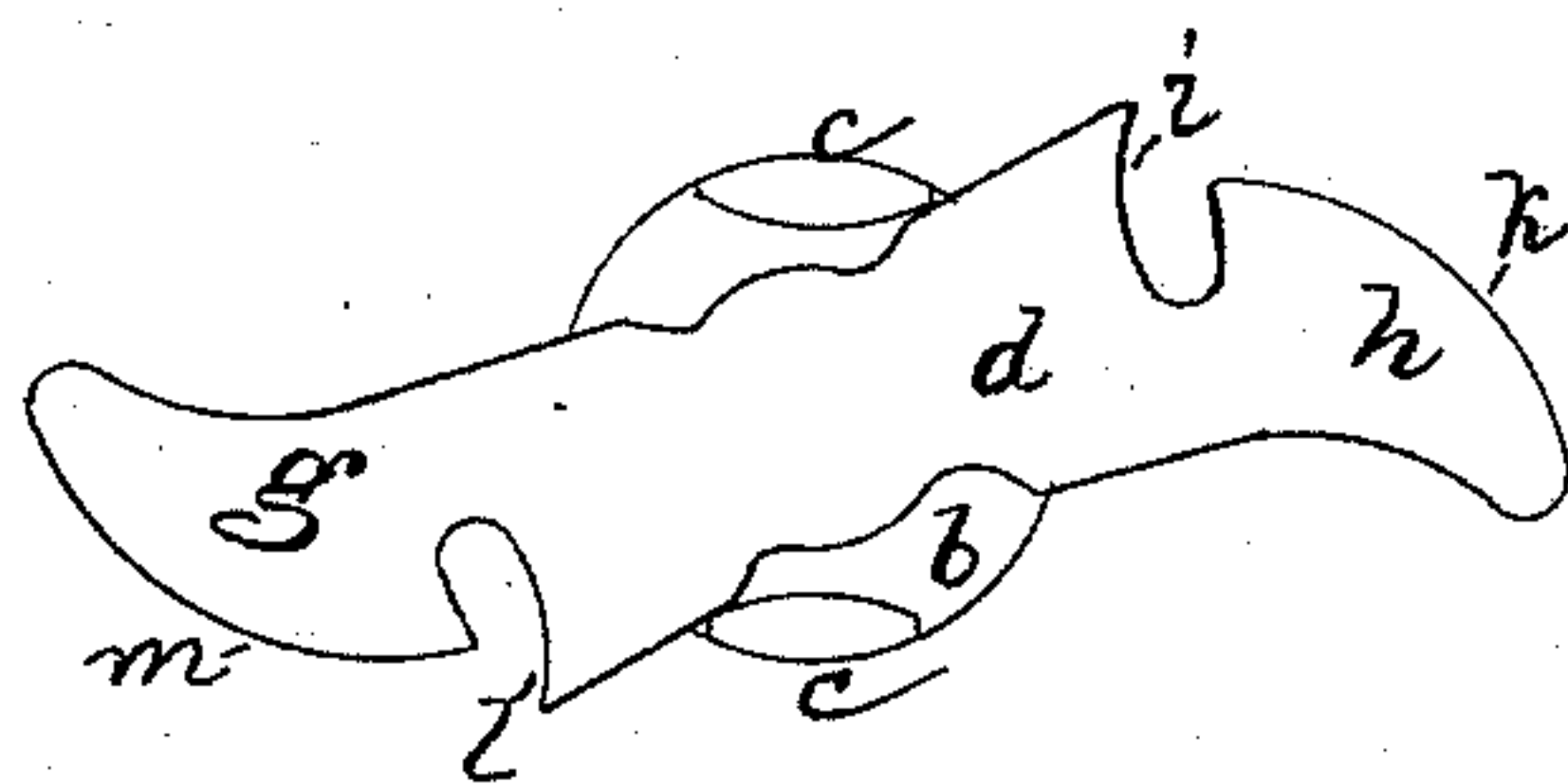


Fig. 1.

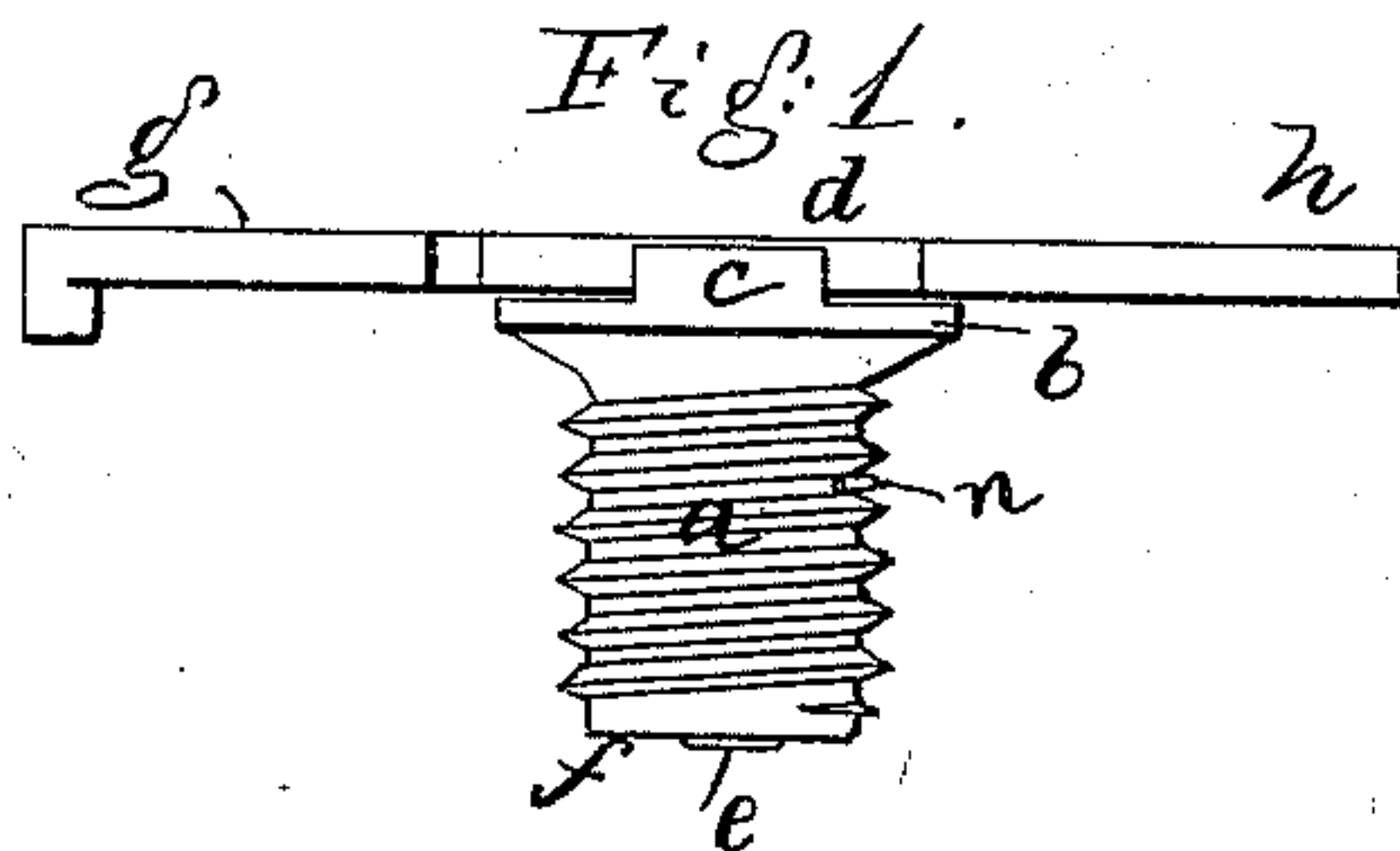
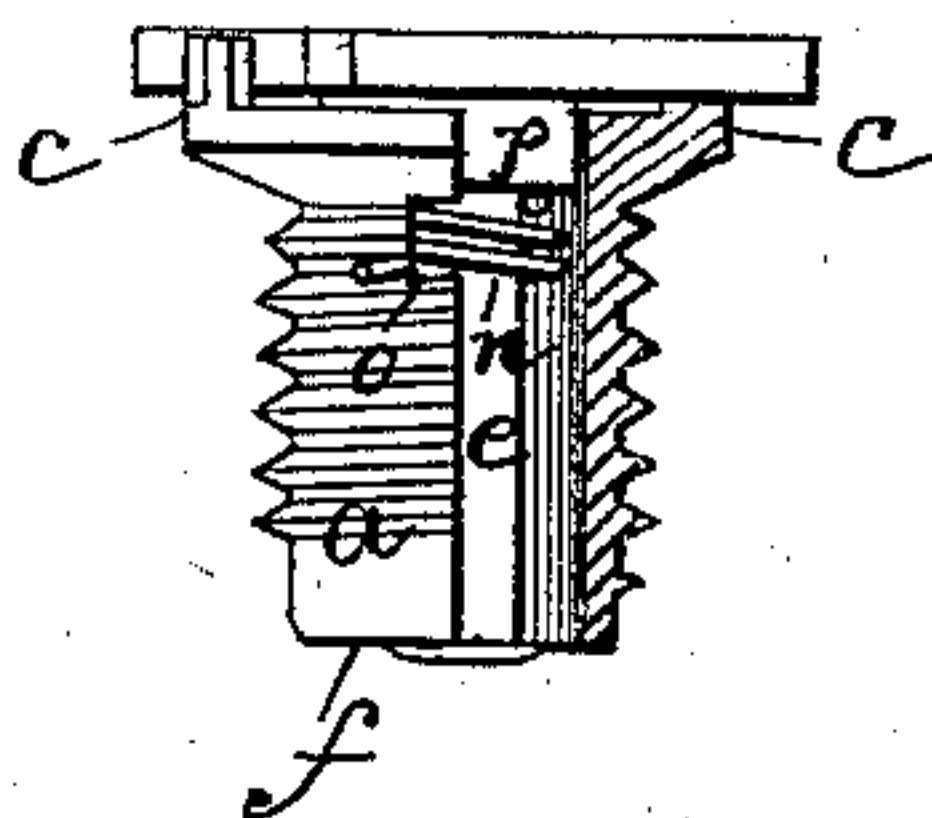


Fig. 3.



Witnesses.
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UNITED STATES PATENT OFFICE.

BENJAMIN F. CROCKER, OF BARNSTABLE, MASSACHUSETTS, ASSIGNOR TO HIMSELF AND CHARLES C. CROCKER, OF SAME PLACE.

IMPROVEMENT IN SHUTTER-FASTENERS.

Specification forming part of Letters Patent No. 151,096, dated May 19, 1874; application filed April 7, 1874.

To all whom it may concern:

Be it known that I, BENJAMIN F. CROCKER, of Barnstable, in the county of Barnstable and State of Massachusetts, have invented an Improved Blind-Fast; and I do hereby declare that the following, taken in connection with the drawings which accompany and form part of this specification, is a description of my invention sufficient to enable those skilled in the art to practice it.

The invention relates to the construction of a blind-fastening to be fastened to the bottom bar of a blind.

In my invention I make a tubular screw to screw into a mortise bored up into the bottom of the bar, a pin extending through said screw, and being riveted over the closed end thereof; and the tube or screw also contains a coiled spring that encompasses the pin, one end of this spring extending through a hole made in the side of the tube, and the other end bearing against and being held by a shoulder on the pin. The screw or tube has a head between two lips, extending from which a hook-plate plays, this plate forming the head of the pin, or being the hook-plate from which the pin extends. This plate has at its opposite edges two hooks, and beyond each hook an incline, and the plate is held in normal position by the stress of the springs. Being in this position, and the screw affixed to the blind, the opening and throwing back of the blind brings the incline of one hook against a staple or other suitable device extending from the building, the contact and pressure forcing back the arm of the plate until the staple or pin slips into the hook. The arm will then spring forward and lock the blind to the staple. When the blind is swung to the window to close it, the opposite hook will be brought into contact with a pin extending from the window-seat, the contact and pressure similarly throwing back the arm until the hook springs over the pin.

The invention consists in the blind-fasten-

ing having the construction thus generally described, and specifically pointed out in the claim.

The drawing represents a construction embodying the invention.

Figure 1 shows the fastening in side elevation. Fig. 2 is a plan of it. Fig. 3 is an end and sectional elevation.

a denotes the tubular screw or socket; *b*, the flanged head thereof, said head having the two lips or projections, *c*. Against the head between these lips is the center of the plate *d*, the plate being attached to the screw-tube by its pin *e*, which extends through the tube and through the closed end *f* thereof, being riveted over said end. From this plate opposite arms *g h* extend, one arm having just beyond the screw-head, and on one edge, the hook *i*, with the incline *k* beyond it, and the other arm having its opposite edge similarly formed with the hook *l* and incline *m*. These arms are held in the normal positions seen in the drawing by the stress of the spiral spring *n*, one end of which is hooked through the hole *o* in the screw, and the other of which bears against the shoulder *p* on the pin *e*. Either arm is pressed back as it strikes the pin or staple upon which it is to fasten, the hook springing over the same as the pressure brings the hook into position for the same.

The construction is very simple, very cheap, and very enduring and effective.

I claim—

The screw-threaded tube *a*, having fastened to it, by the pin *e*, the plate *d*, with its hooked arms *g h*, said plate playing between the lips or projections *c*, and being held normally in position by the spring *n*, applied and operating as described.

Executed this 12th day of March, A. D. 1874.

BENJAMIN F. CROCKER.

Witnesses:

DANIEL S. BLAGDEN,
ALFRED WHITE.