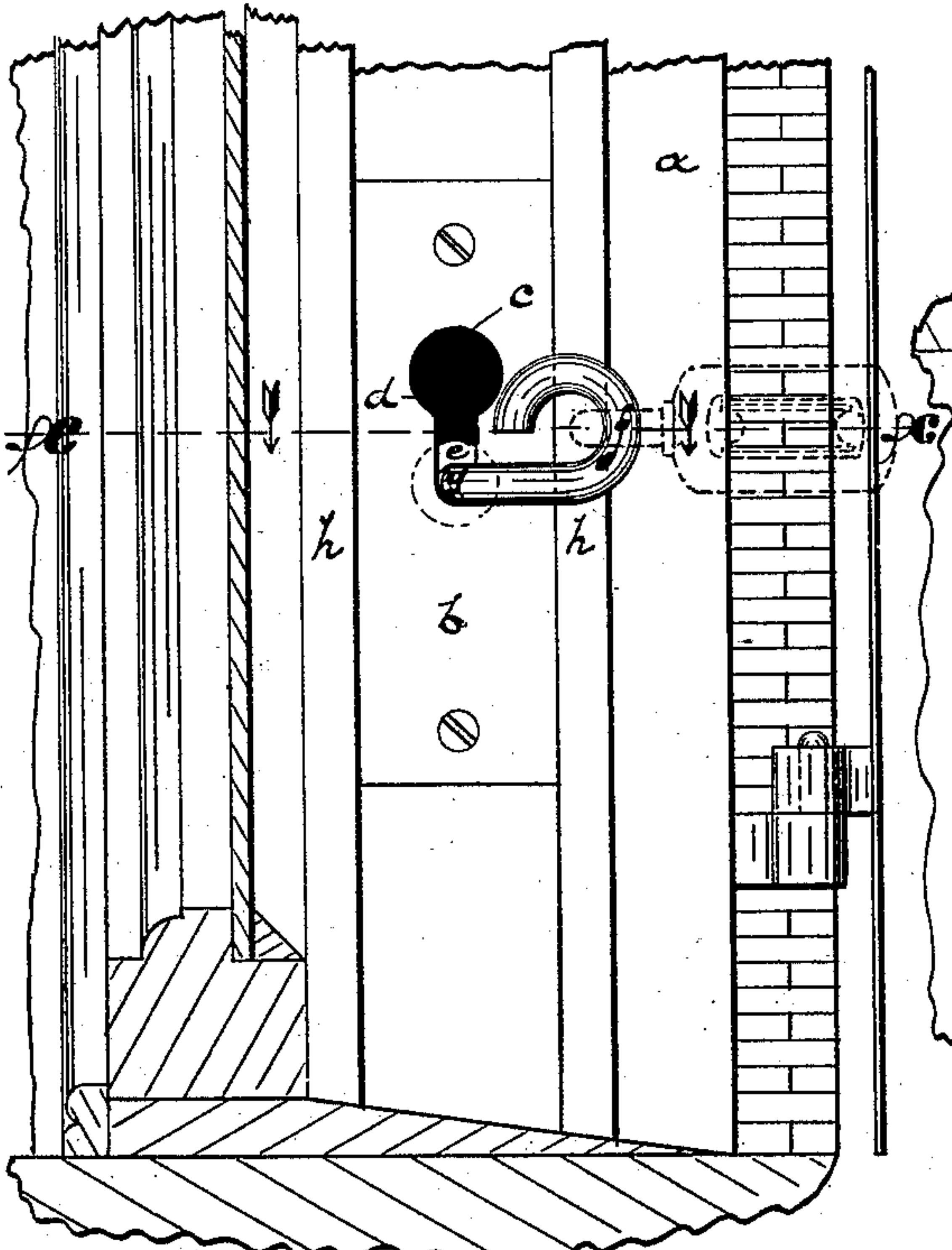


(No Model.)

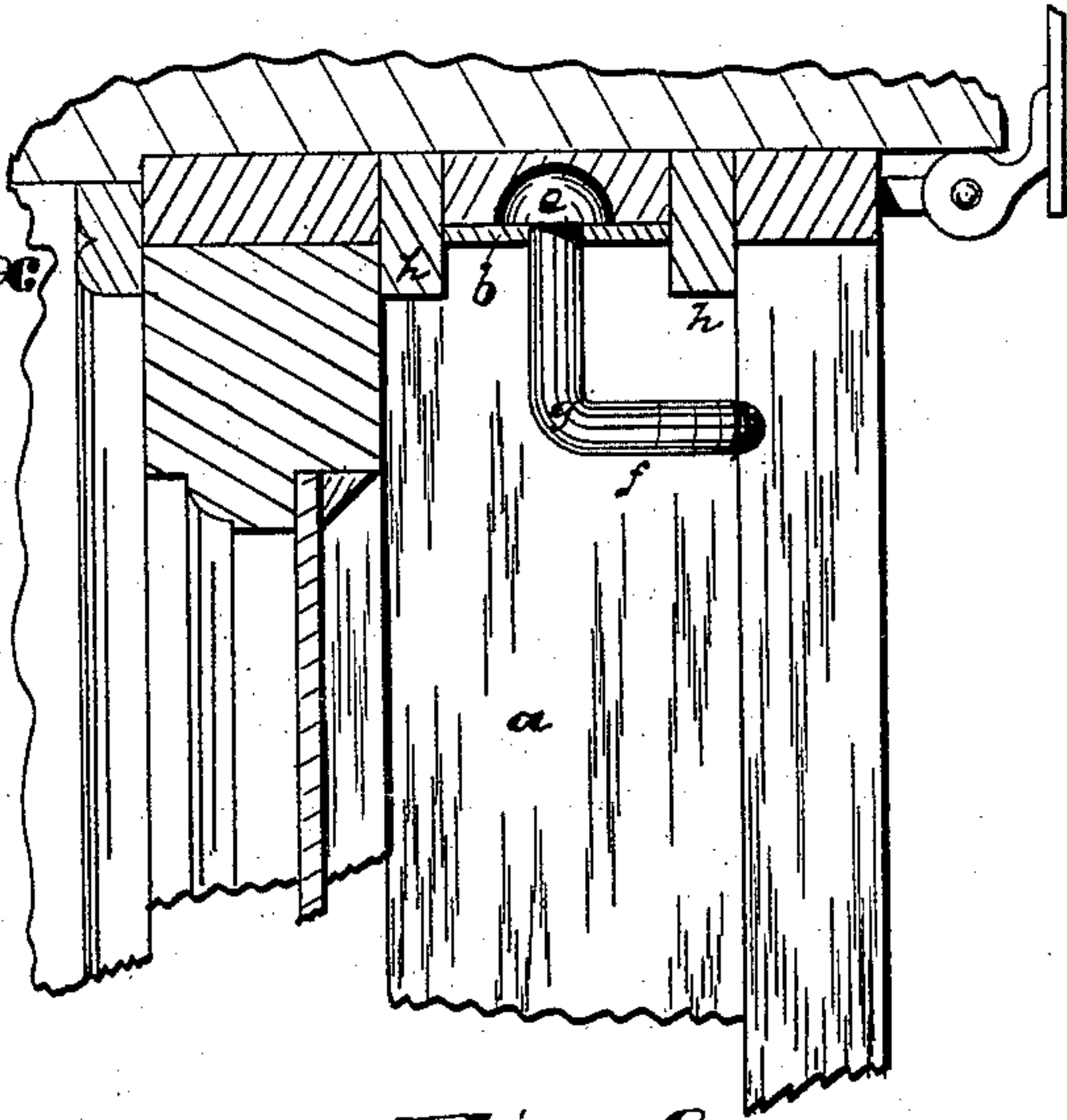
J. B. MAYER.  
CLOTHES LINE FASTENER.

No. 424,071.

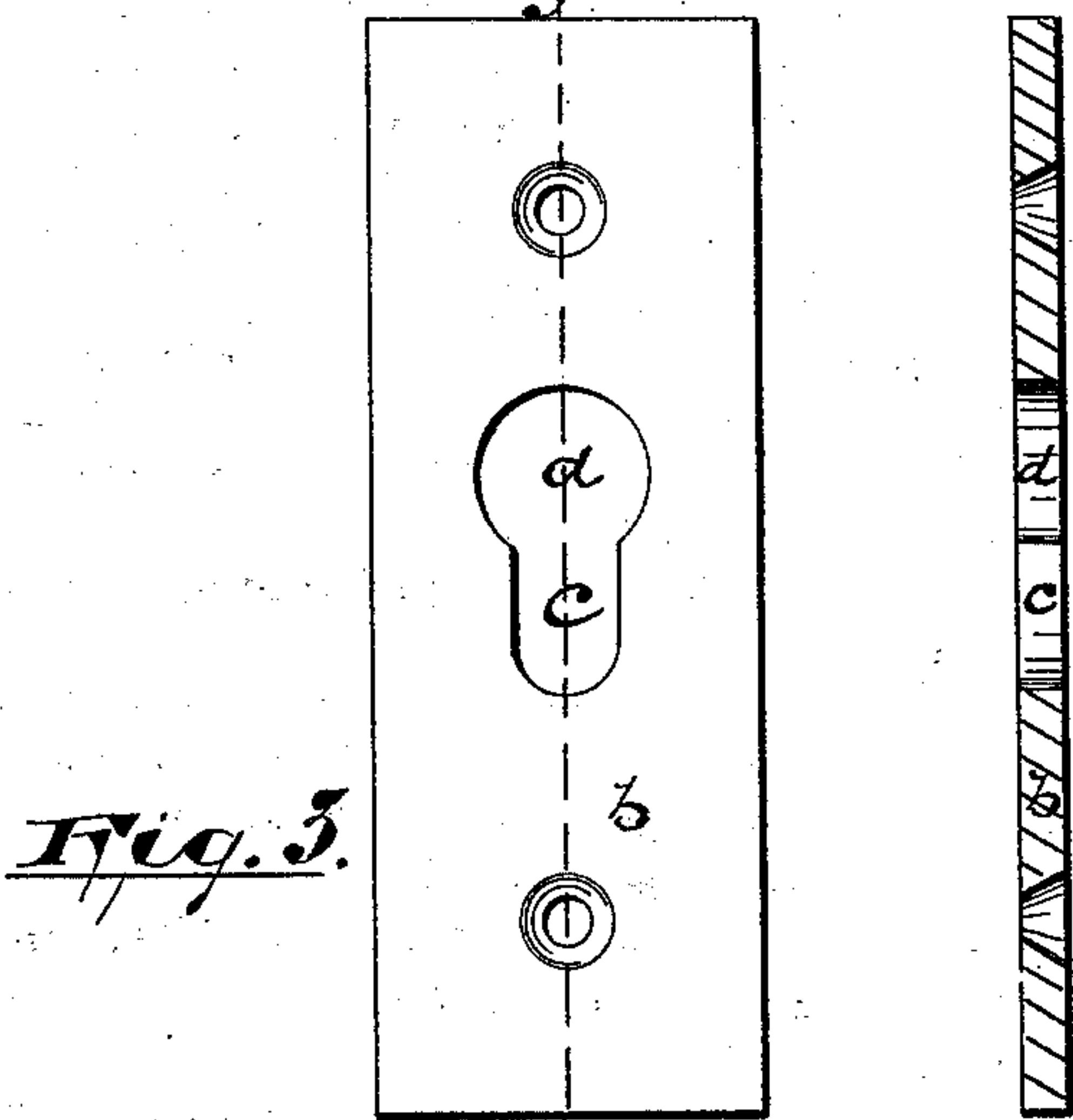
Patented Mar. 25. 1890.



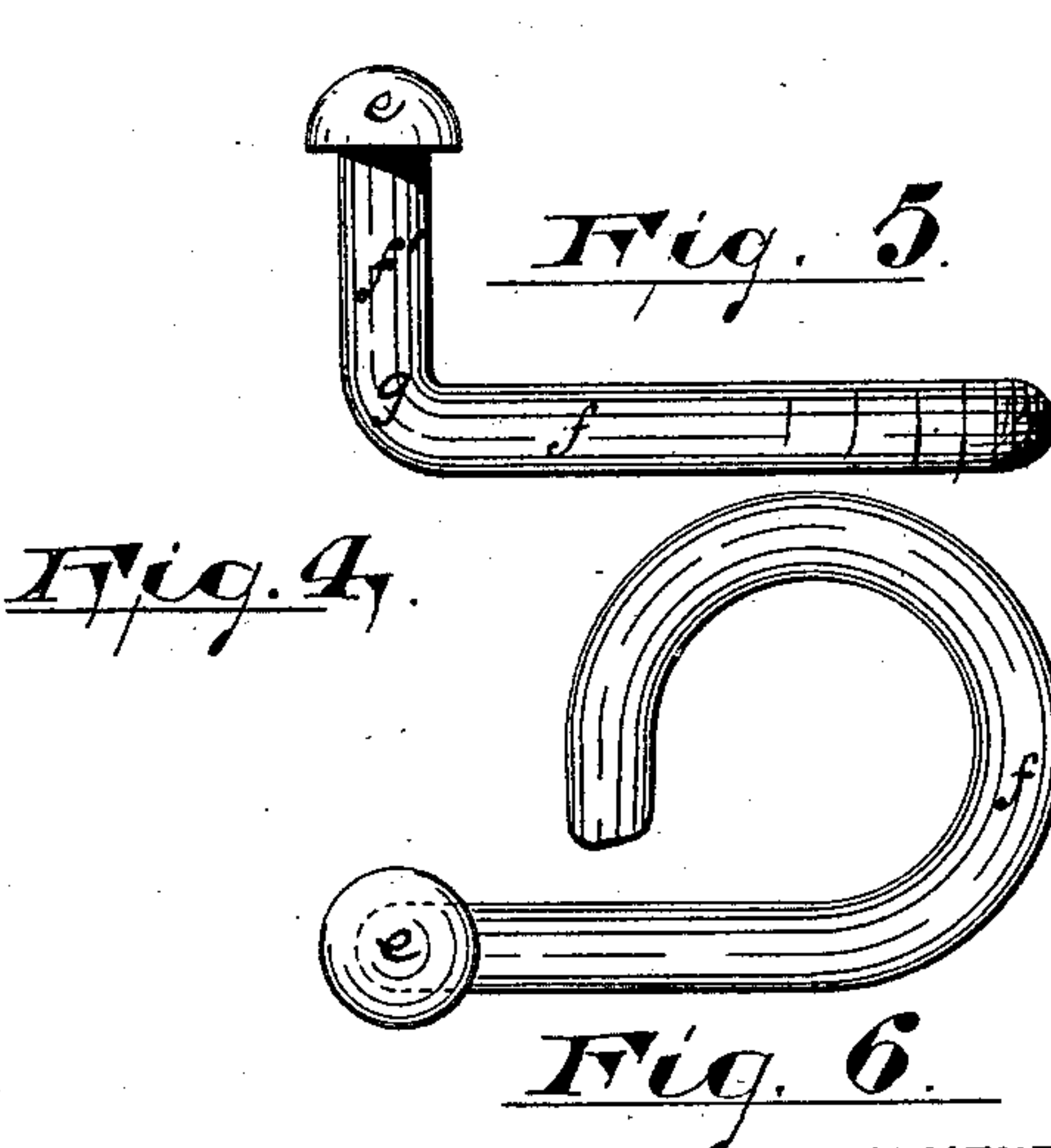
*Fig. 1.*



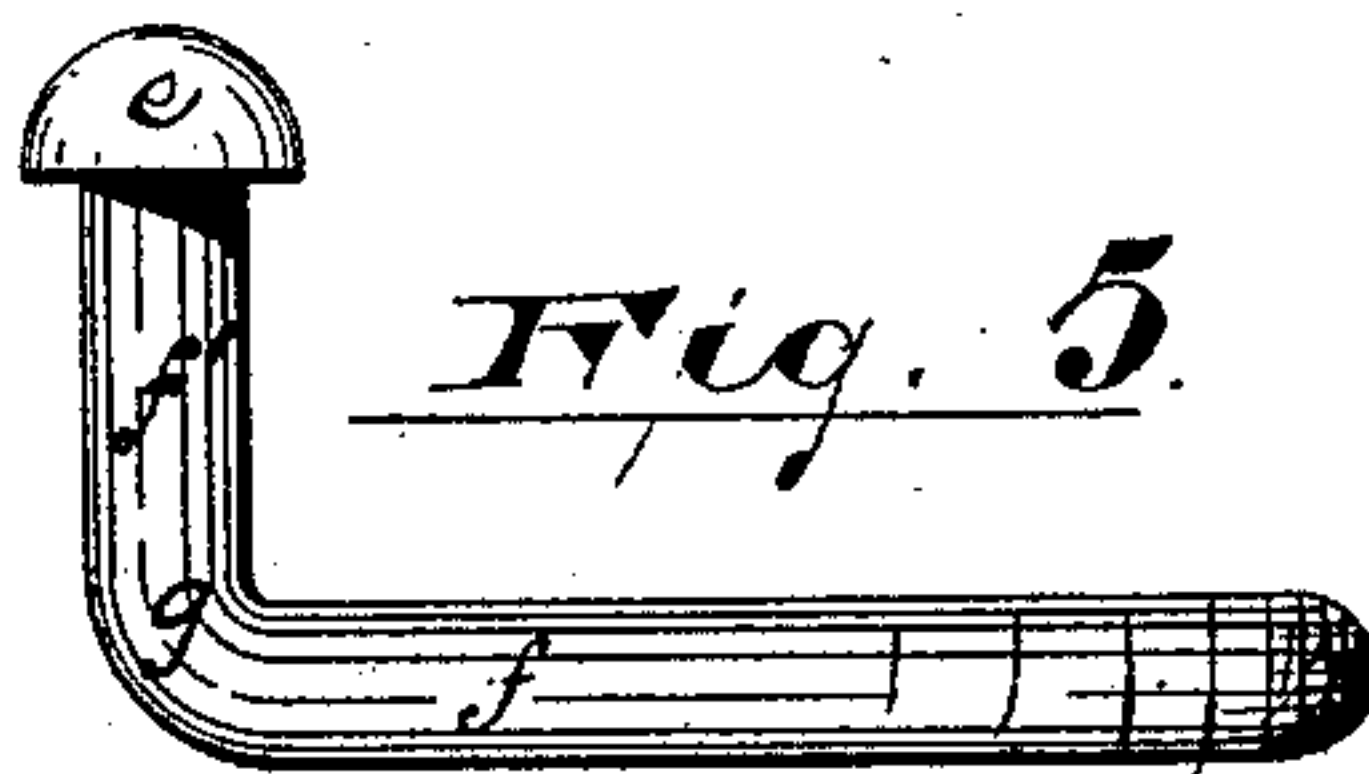
*Fig. 2.*



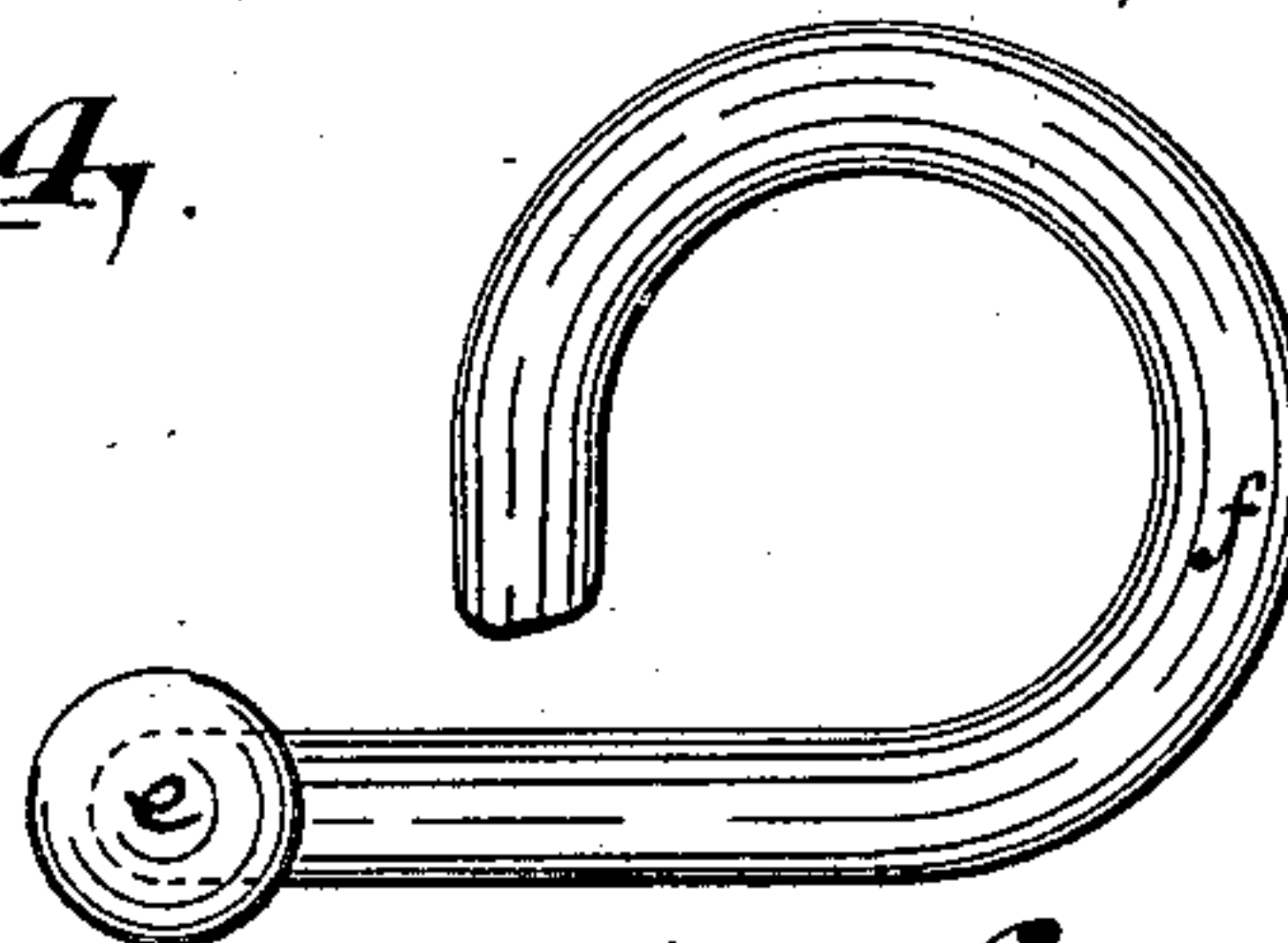
*Fig. 3.*



*Fig. 4.*



*Fig. 5.*



*Fig. 6.*

WITNESSES:

INVENTOR

Oscar A. Michel.  
E. L. Sherman

*John B. Mayer,*

BY *Drake & Co.* ATTY'S.

# UNITED STATES PATENT OFFICE.

JOHN B. MAYER, OF NEWARK, NEW JERSEY.

## CLOTHES-LINE FASTENER.

SPECIFICATION forming part of Letters Patent No. 424,071, dated March 25, 1890.

Application filed December 10, 1889. Serial No. 333,208. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN B. MAYER, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Clothes-Line Fasteners; 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 appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The object of this invention is to provide a separable or removable hook for window-frames, &c., which will allow of the hooked or eye portion being removed from said frames after service, so that it will not interfere with the closing of the window-shutters or the drawing down or movement of the sash, or one which will readily and conveniently allow of the removal of said hook from its supporting-plate for any other purpose.

The invention consists in the improved hook or eye, and in the arrangements and combinations of parts, substantially as will be hereinafter set forth, and finally embodied in the claim.

Referring to the accompanying drawings, in which like letters indicate corresponding parts in each of the figures, Figure 1 is a front elevation of my improved device attached to the side of a window-frame. Fig. 2 is a section of the same on line *x*; and Figs. 3, 4, 5, and 6 are enlarged details which will be fully explained, Fig. 6 showing the "eye" of the hook more nearly closed, whereby it will or may hold the eye of the pulley in permanent relation thereto.

In said drawings, *a* indicates an ordinary window-frame. *b* is a plate permanently secured thereto by screws or other appropriate

means, said plate preferably lying flush with the jamb, so as not to interfere with the closing of the shutter or the drawing down of the window-sash, as indicated in Fig. 2. At about the center of the plate is a slot *c*, having an enlargement *d* at its upper part adapted to allow the insertion of the head *e* of the hook or eye. *f* indicates said hook or eye, which is provided with said head *e*, which latter is adapted to pass through said enlargement *d* and back behind the plate, bearing thereon from behind and being prevented from withdrawal because of the narrowness of the lower part of the slot. The hook is provided with a shank *f'*, which extends out at right angles to the plate *b*—say about an inch, more or less—where the metal is bent, as shown at *g* in Fig. 5. The shank *f'* brings the hook or eye, on which the pulley is formed, out beyond the stop-bead or parting-strip *h*.

The hooked portion of the device is preferably formed to lie parallel with the plate *b*, so as to be in the line of draft on the pulley and to bring the pulley nearer to the frame, as will be understood.

In lieu of a hook the shank may be provided with an eye, which may be permanently secured to the pulley detachable from the frame therewith.

Having thus described the invention, what I claim as new is—

In combination with the plate *b*, having slot *c* and enlargement *d*, a hook or eye having head *e*, shank *f'*, and bend *g*, substantially as and for the purposes set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 30th day of November, 1889.

JOHN B. MAYER.

Witnesses:

CHARLES H. PELL,  
OSCAR A. MICHEL.