

No. 630,548.

Patented Aug. 8, 1899.

H. MEYER.
SHUTTER FASTENER.
(Application filed May 27, 1899.)

(No Model.)

Fig. 1.

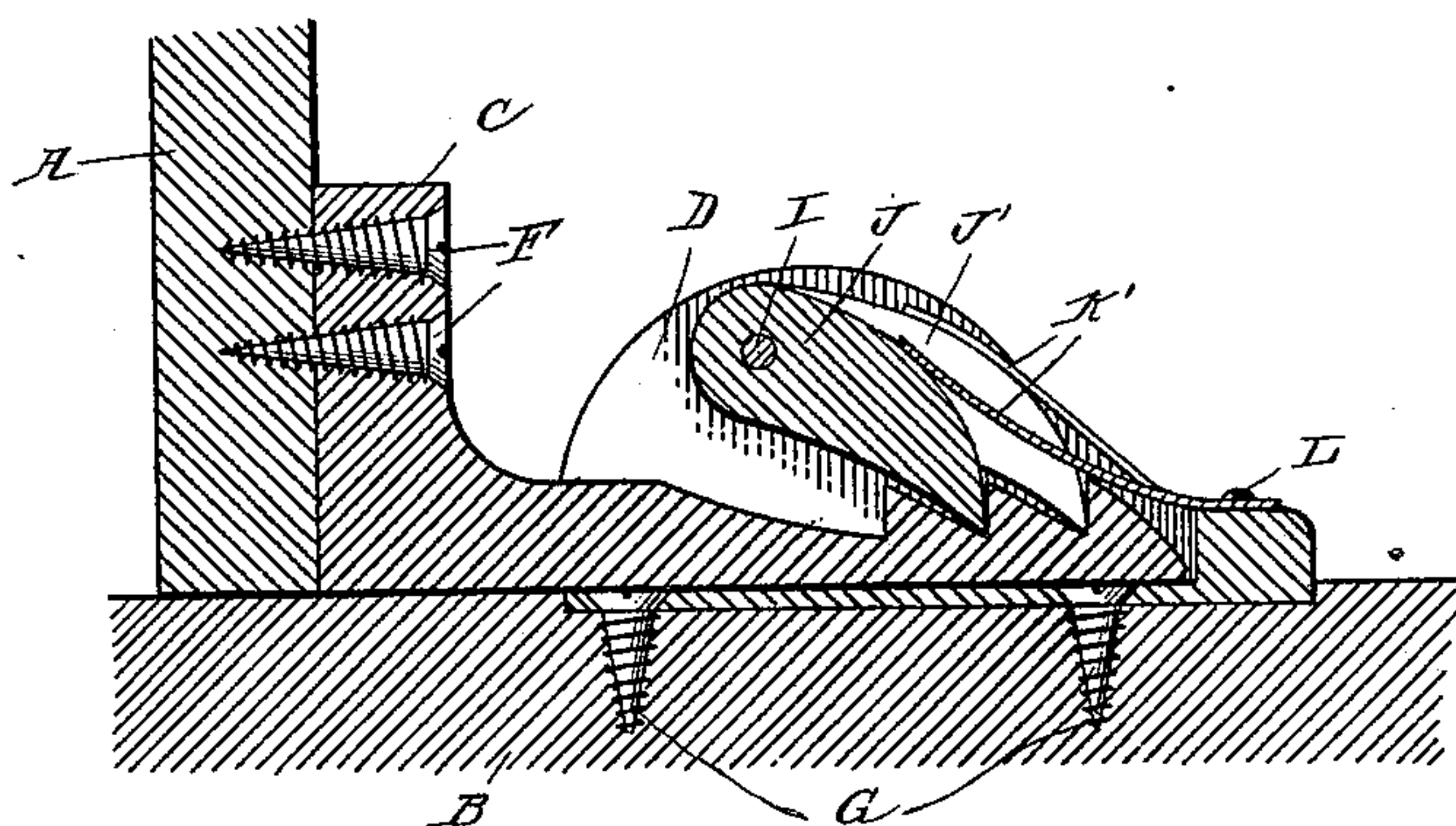


Fig. 2.

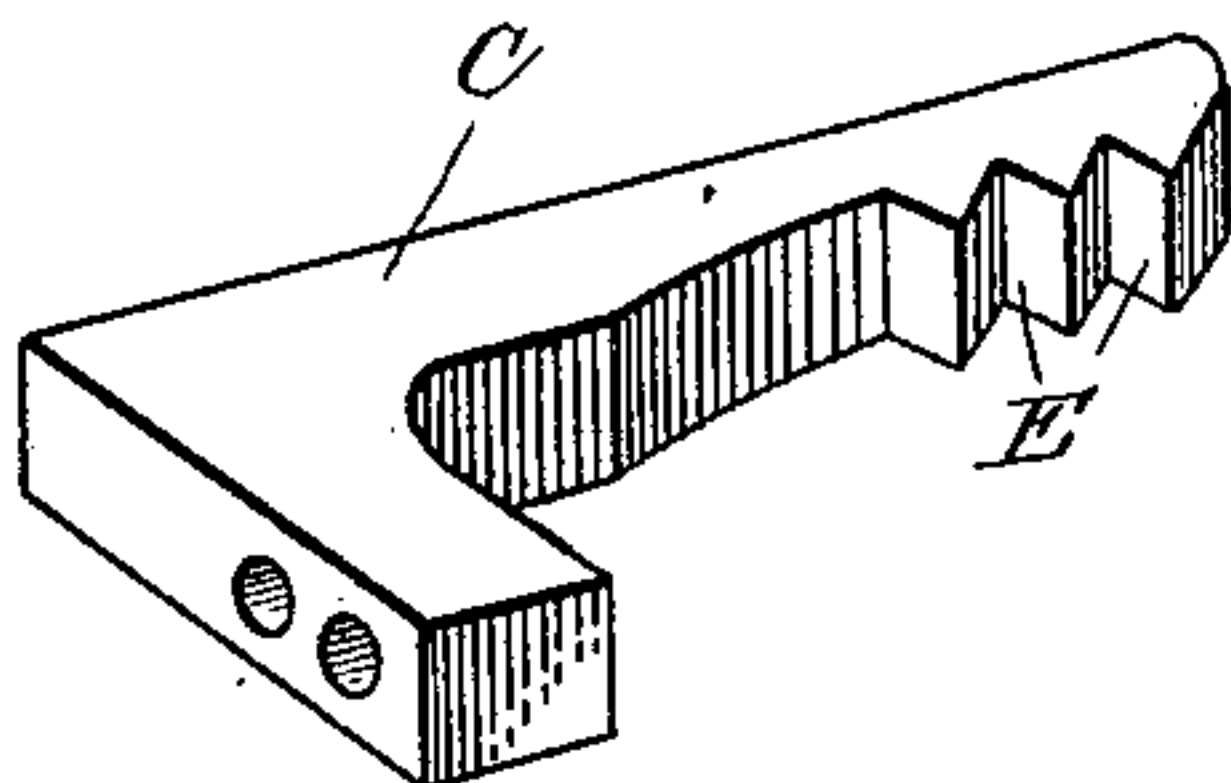


Fig. 3.

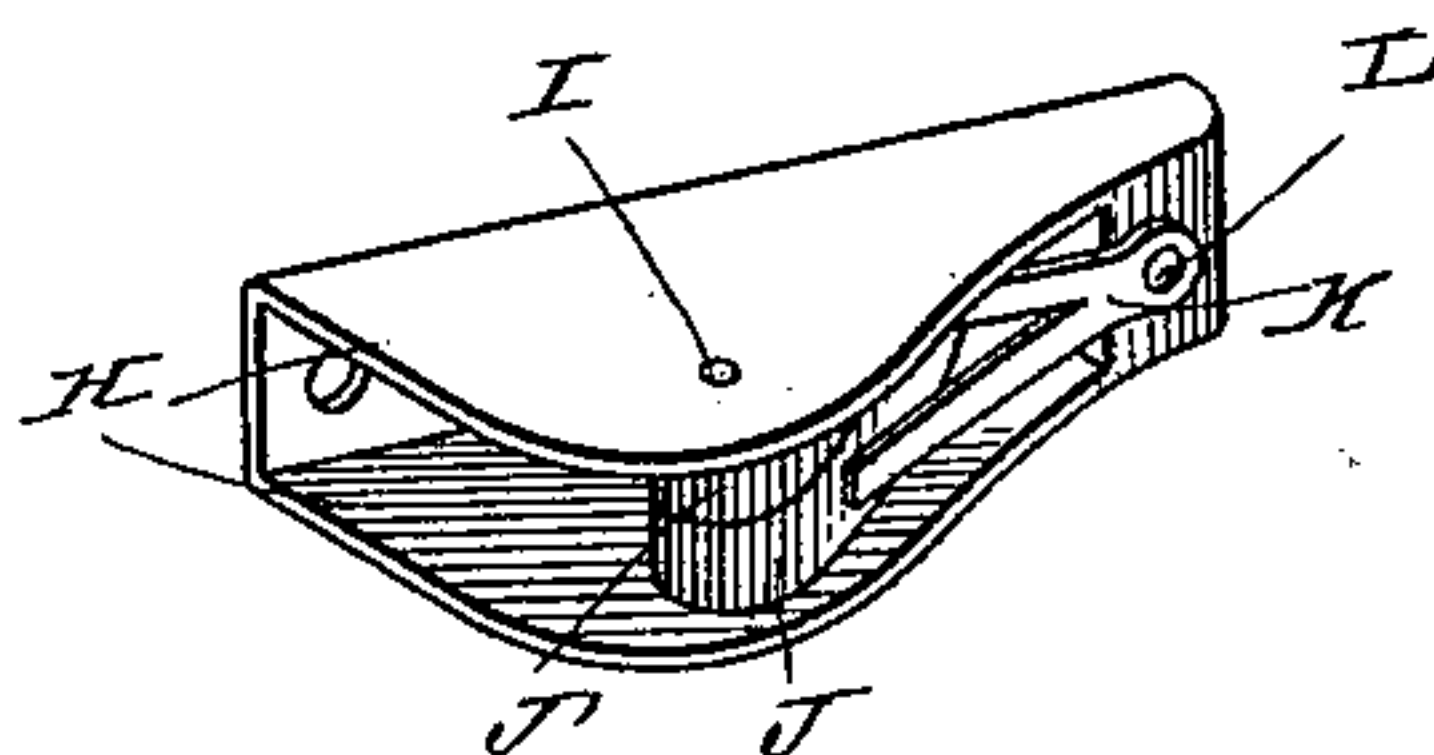


Fig. 4.

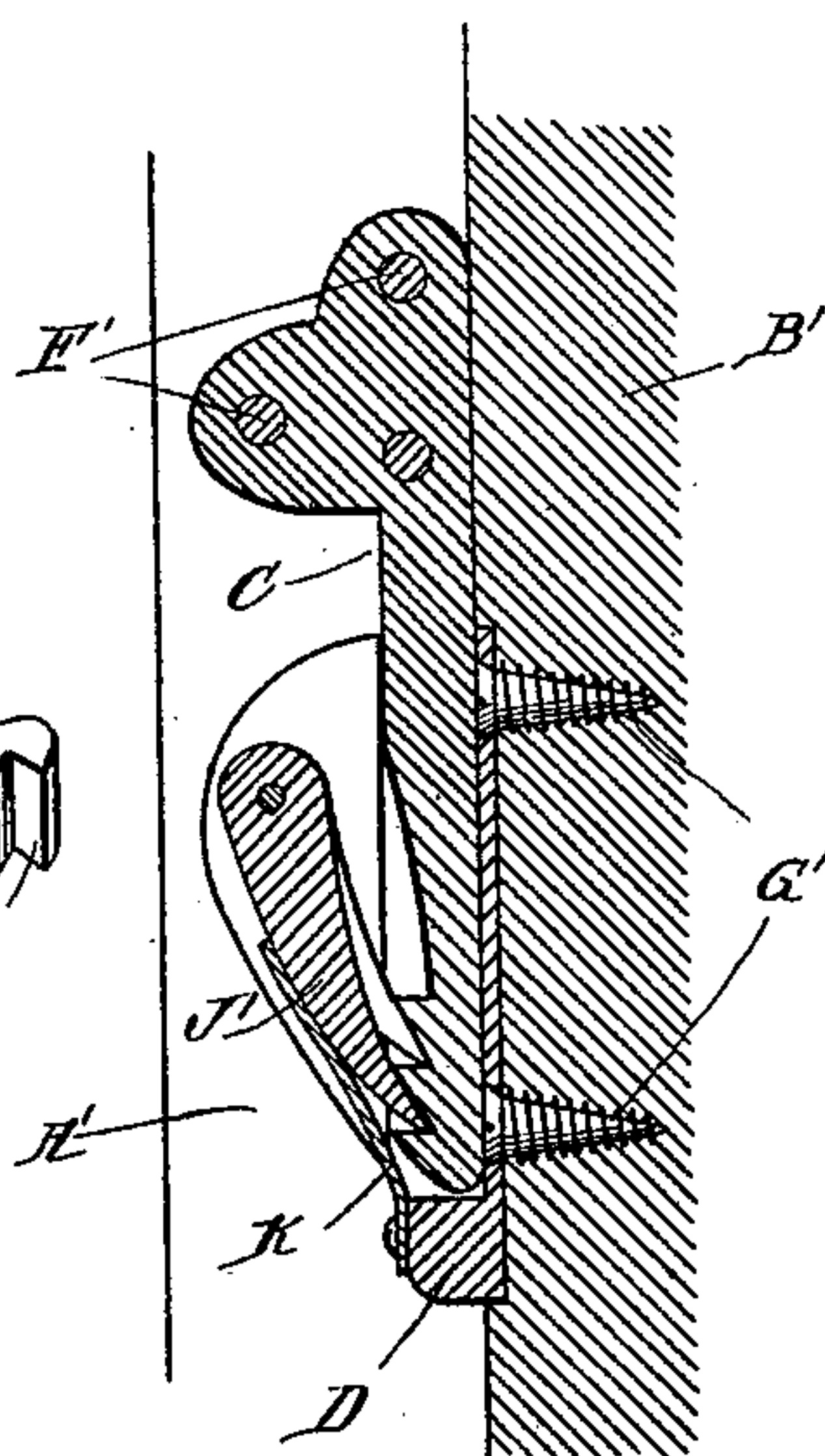


Fig. 5.

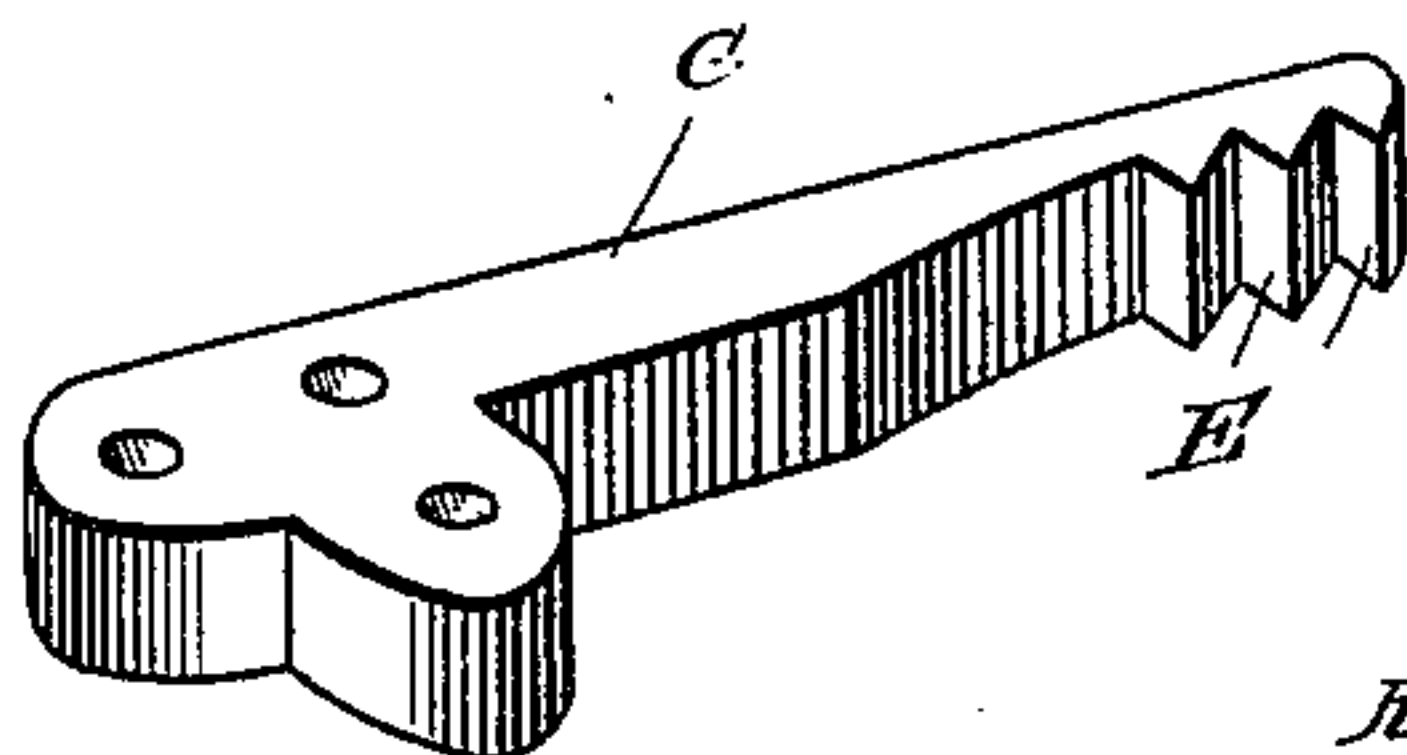
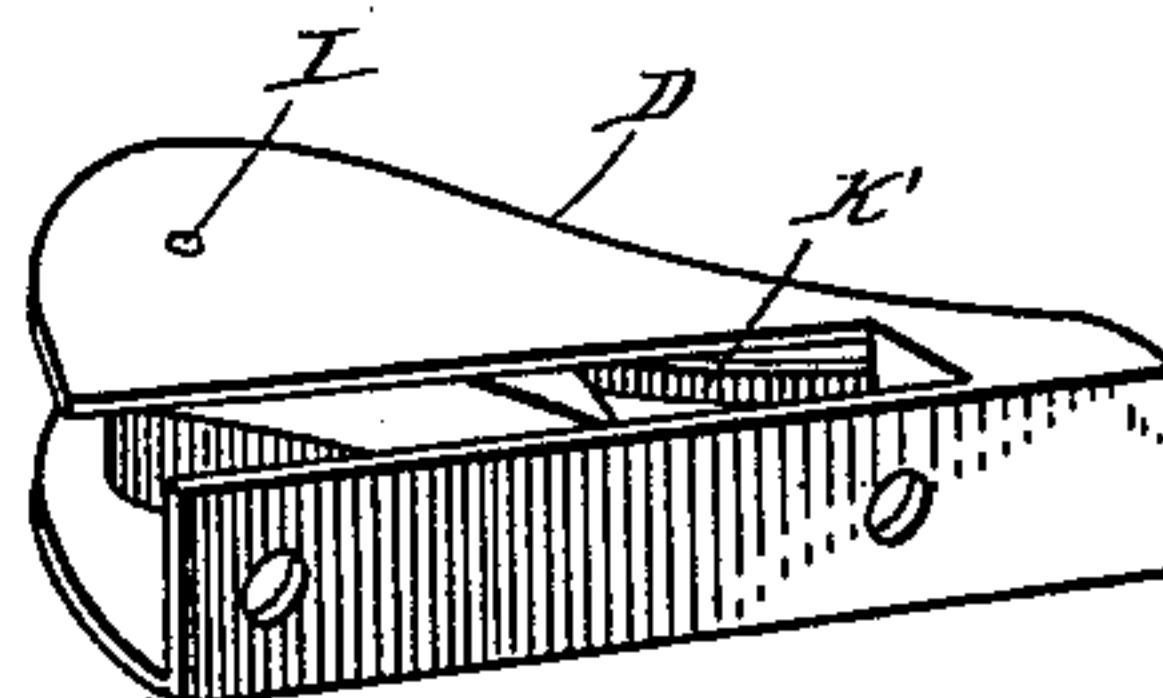


Fig. 6.



Witnesses
J. P. Britt
Chas. E. Brock

Inventor
H. Meyer,
by O. W. A. C. C.
Attorneys

UNITED STATES PATENT OFFICE.

HENRY MEYER, OF ATLANTA, GEORGIA.

SHUTTER-FASTENER.

SPECIFICATION forming part of Letters Patent No. 630,548, dated August 8, 1899.

Application filed May 27, 1899. Serial No. 718,563. (No model.)

To all whom it may concern:

Be it known that I, HENRY MEYER, residing at Atlanta, in the county of Fulton and State of Georgia, have invented a new and useful Window Blind and Sash Lock, of which the following is a specification.

My invention relates to devices for securing window blinds or shutters against being opened from the outside and preventing sashes of windows being manipulated from the outside, the object being to provide an extremely cheap, simple, and reliable locking device which by slight changes to admit of the securing-screws can be applied to lock either the blinds or sashes.

With this object in view my invention consists in the improved construction, arrangement, and combination of parts hereinafter fully described and afterward specifically pointed out in the appended claim.

In order to enable others skilled in the art to which my invention most nearly appertains to make and use the same, I will now proceed to describe its construction and operation, reference being had to the accompanying drawings, forming part hereof, in which—

Figure 1 is a vertical sectional view through a lock constructed according to my invention applied as a blind or shutter lock. Fig. 2 is a detail perspective view of the toothed bar thereof detached from the shutter. Fig. 3 is a similar view of the other member detached from the sill. Fig. 4 is a vertical sectional view of my lock applied as a sash-lock, and Figs. 5 and 6 are detail perspective views of the two members detached.

Like letters of reference mark the same parts wherever they occur in the various figures of the drawings.

Referring to the drawings by letters, A indicates a window blind or shutter; B, the sill of the window-frame; A', the stile of the window-sash, and B' the jamb or frame.

C and D indicate, respectively, the two members of my lock, the member C being a bar toothed or notched, as at E, and secured to the blind B by means of screws F or to the stile A' of the sash by screws F', the sole difference in the construction as applied to the blind or to the sash being that the screws F are substantially parallel to the toothed bar, while the screws F' are at right angles thereto,

the body of the member C being shaped to accommodate the screws. The member D consists of a casting securable to either the sill B or the jamb B' in position to correspond with the position of member C, the screw-receiving flanges being arranged to receive screws G, which enter the sill, or screws G', which enter the jamb.

The member D is provided with two parallel flanges H H, between which are pivoted on a pin I two pawls J J', the former somewhat shorter than the latter, said pawls being adapted to engage the teeth of member C and normally forced into such engagement by a spring K, split to form two wings K' K', one of which engages each of the pawls. The spring K is pivotally secured by a pin or rivet L, so that it may be turned sidewise off the pawls to permit of their being raised out of engagement with the teeth E.

When the shutter is closed, the toothed bar passes between the flanges H H, and the two pawls J J' simultaneously engage two of the teeth E, thus firmly and securely holding the shutter closed. When the sash is lowered, the toothed bar similarly passes under the pawls J J', the pawls engaging two teeth in a like manner and securely locking the sash in its lowered position. The space in which the toothed bar engages in the sash-lock is at one side of the member D instead of in the center, as with the blind-lock, one of the flanges being shorter than the other in the sash-lock.

The device is extremely simple, cheap, and reliable and locks a blind or sash securely no matter whether the blinds are warped by the weather or the sash loose, all rattling being prevented and the window being rendered substantially burglar-proof.

While I have illustrated and described what I consider to be the best means now known to me for carrying out my invention, I do not wish to be understood as restricting myself to the exact forms and constructions shown, as many slight changes therein or variations therefrom might suggest themselves to the ordinary mechanic, all of which would be clearly included within the limit and scope of my invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

A blind or sash lock comprising a toothed member adapted to be secured to the blind or sash stile, and a member adapted to be secured to the sill or jamb, the latter member
5 being provided with two pawls side by side, and a split spring having two wings to engage the two pawls, the spring being pivotally secured whereby it may be turned laterally off the pawls, substantially as described.

HENRY MEYER.

Witnesses:

C. W. SMITH,
D. P. WAITES.