

J. SHEDD.
Shutter-Fastener.

No. 166,819.

Patented Aug. 17, 1875.

Fig. 1.

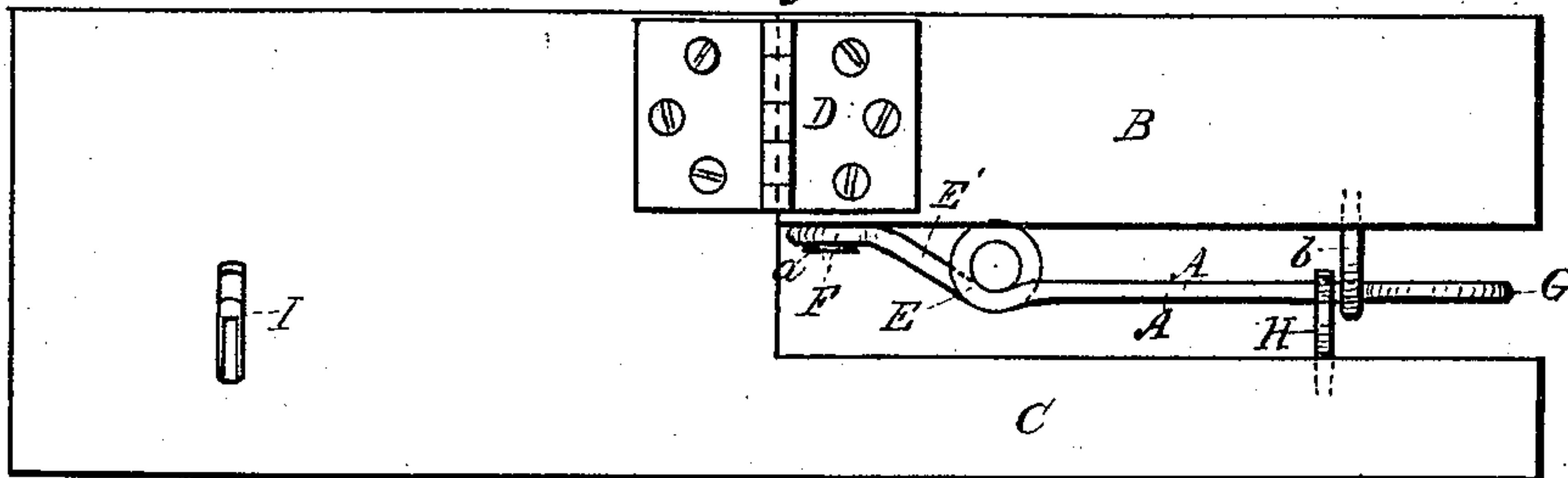


Fig. 2.

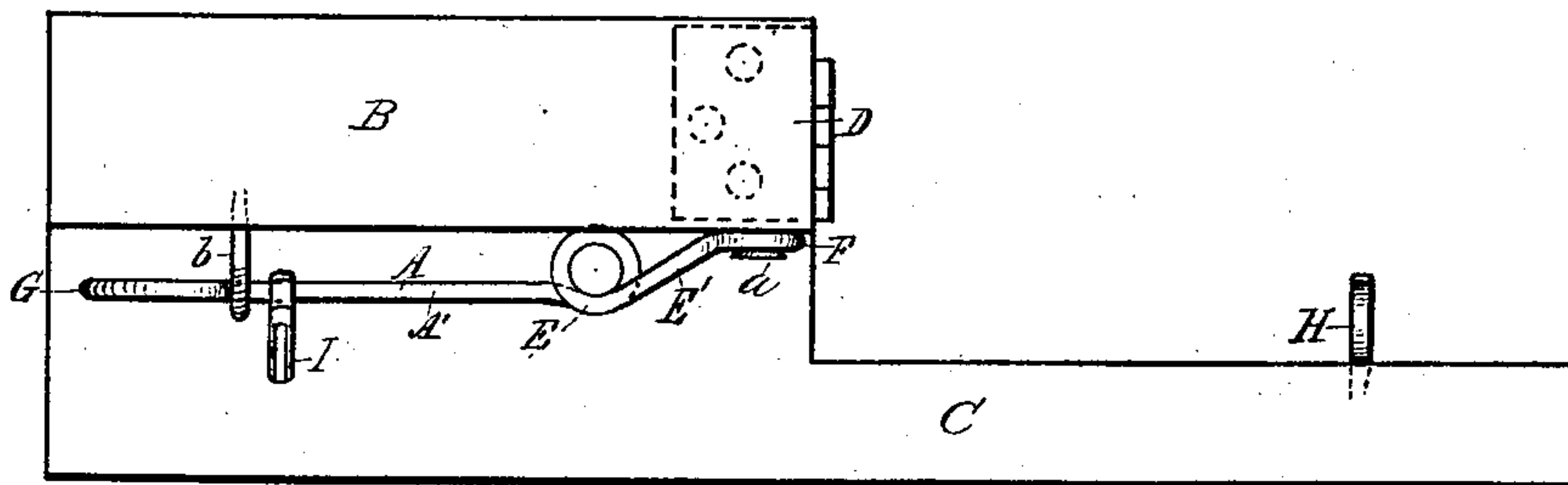
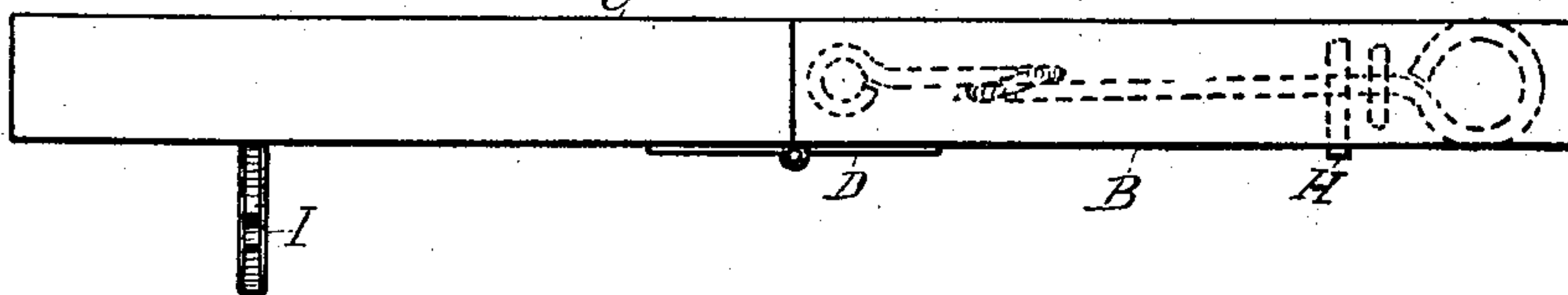


Fig. 3.



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JOEL SHEDD, OF WALTHAM, MASSACHUSETTS.

IMPROVEMENT IN SHUTTER-FASTENERS.

Specification forming part of Letters Patent No. **166,819**, dated August 17, 1875; application filed June 29, 1875.

To all whom it may concern:

Be it known that I, JOEL SHEDD, of Waltham, in the county of Middlesex and Commonwealth of Massachusetts, have invented certain new and useful Improvements in Window-Blind Fasteners; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and in which—

Figure 1 represents a side view of my improved fastener in the position in which it occupies when the blind is closed. Fig. 2 represents a side view of the same device when the blind is opened or swung back, and Fig. 3 represents a plan or edge view of the parts shown in Fig. 1.

To enable those skilled in the art to which my invention belongs to make and use the same, I will proceed to describe it more in detail.

In the drawings, the part marked A is the spring blind-catch for holding the blind B in a locked position, either when closed above the window-sill C, as shown in Fig. 1, or opened or swung back, as shown in Fig. 2, the blind being secured to the building by hinges D, in the ordinary manner. The spring blind-catch A is secured to the under edge of the lower cross-piece of the blind B by means of a screw, *a*, which passes through an eye, F, formed in the rear end of the wire from which the spring catch-piece A is made, the eye being made so as to fit against the under edge of the cross-piece in a horizontal position. The front end of the catch-piece A is made into a loop or ring, G, by means of which the blind can be conveniently unfastened from either of the positions shown in Figs. 1 and 2. The part A' of the spring catch-piece A, between the loop G and spring-coil E, stands in a horizontal position, and its front end is kept from swinging or moving to the right or left by means of a loop, *b*, through which it passes, the ends of the guide-loop being driven into the under edge of the cross-piece of the blind, as fully indicated in the drawings. When the blind is swung to, the center edge of the catch-piece A is raised by coming in contact with the inclined edge of the catch-piece H, which is driven into the window-sill; but as soon as the blind reaches its proper closed position, the outer end of the spring catch-piece A springs down into a

notch cut in the upper edge of the stationary catch-piece H, as indicated in Fig. 1, thus holding the blind securely locked in a closed position until the outer end of the spring-catch is raised out of the notch in the upper edge of the catch-piece H. I is another stationary notched catch-piece secured to the side of the building, and by means of which, when the blind is swung back, it is locked and unlocked in the same manner as when closed, as above described. The upper edge of the spring-coil E rests against the under edge of the cross-piece of the blind; and when securing the catch-piece to the blind, after screw *a* has been inserted, a slight blow of the hammer upon the lower edge of the coil will cause its upper edge to indent slightly into the blind-rail, as indicated in dotted lines, Figs. 1 and 2, thereby furnishing an additional guard against any tendency to a lateral displacement.

It will be observed that the end of the wire which extends back to form the horizontal eye F is bent at an angle, as shown at E'.

By interposing the spring-coil E between the end G and eye F, with the upper edge of the coil E bearing against the lower edge of the blind, the strain upon the fastening-screw *a* is comparatively very slight; consequently the catch is not liable to get out of order, while it is very simple and easily made, and yet very effective in operation, as has been proved by practical tests and use upon buildings. Then, again, the arrangement and construction of the coil, inclined brace, part E', and eye F are such as to give the device strength, while at the same time all danger of the spring becoming set is obviated.

Having described my improved window-blind catch or fastener, what I claim therein as new and of my invention, and desire to secure by Letters Patent as an improved article of manufacture, is—

A wire blind-fastener having a horizontal spring-arm, A', projecting end G, inclined or brace arm E', intermediate spring-coil E, and horizontal eye F, the same being constructed and adapted to be applied to the blind or shutter, substantially as and for the purposes set forth.

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Witnesses:

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