

R. E. BECKWITH.

Sash-Fasteners.

No. 133,916.

Patented Dec. 17, 1872.

Fig 1.

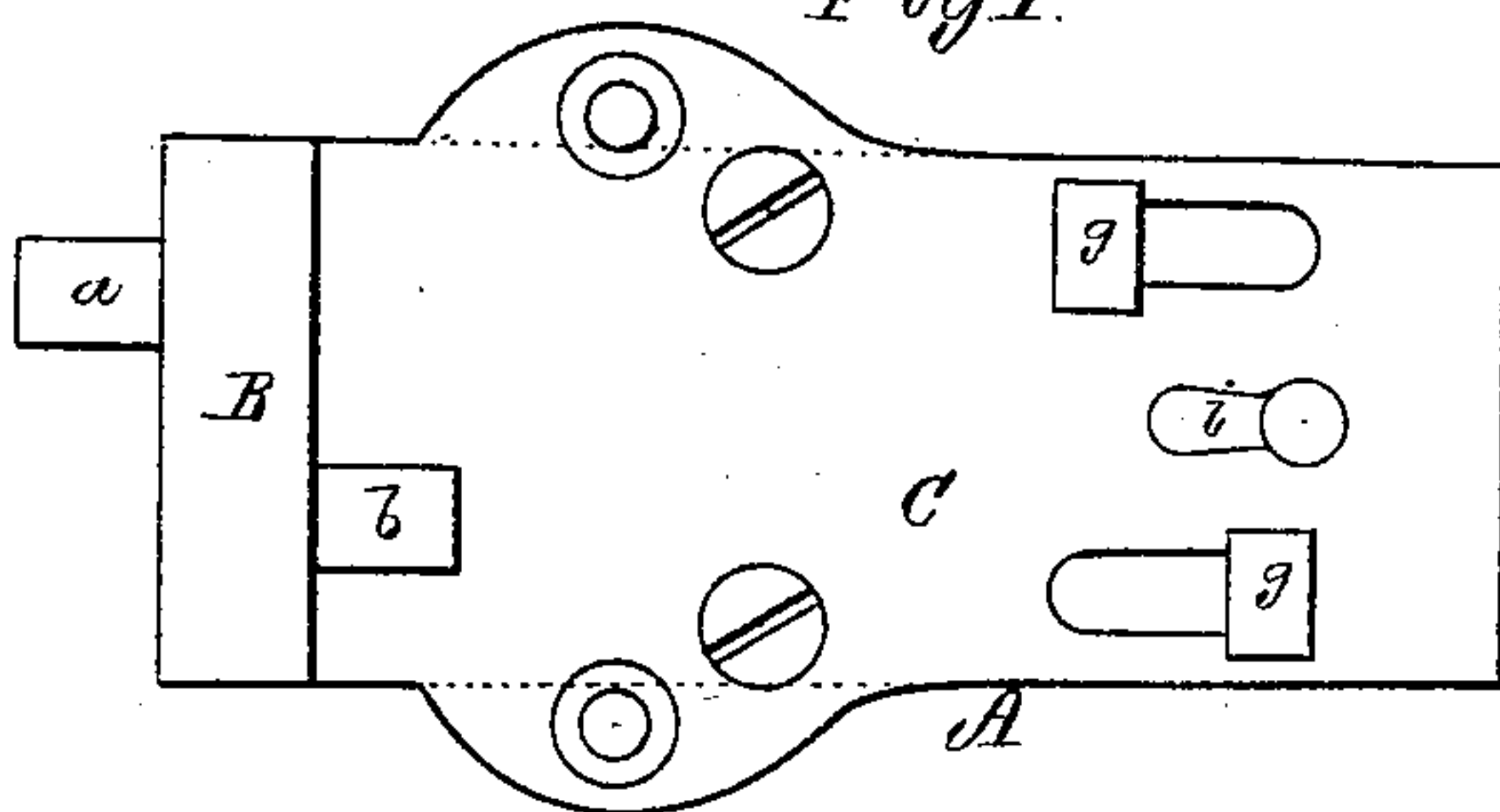


Fig 2.

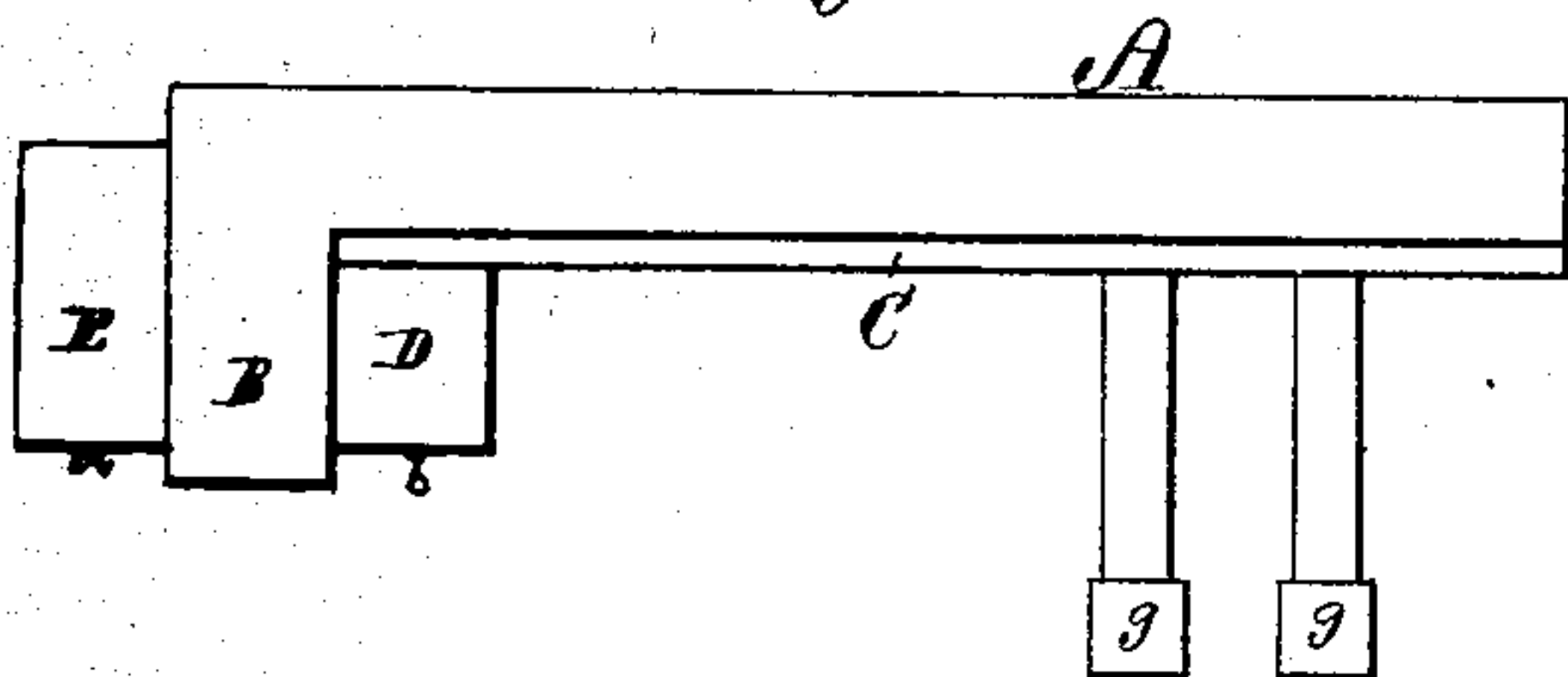


Fig 4.

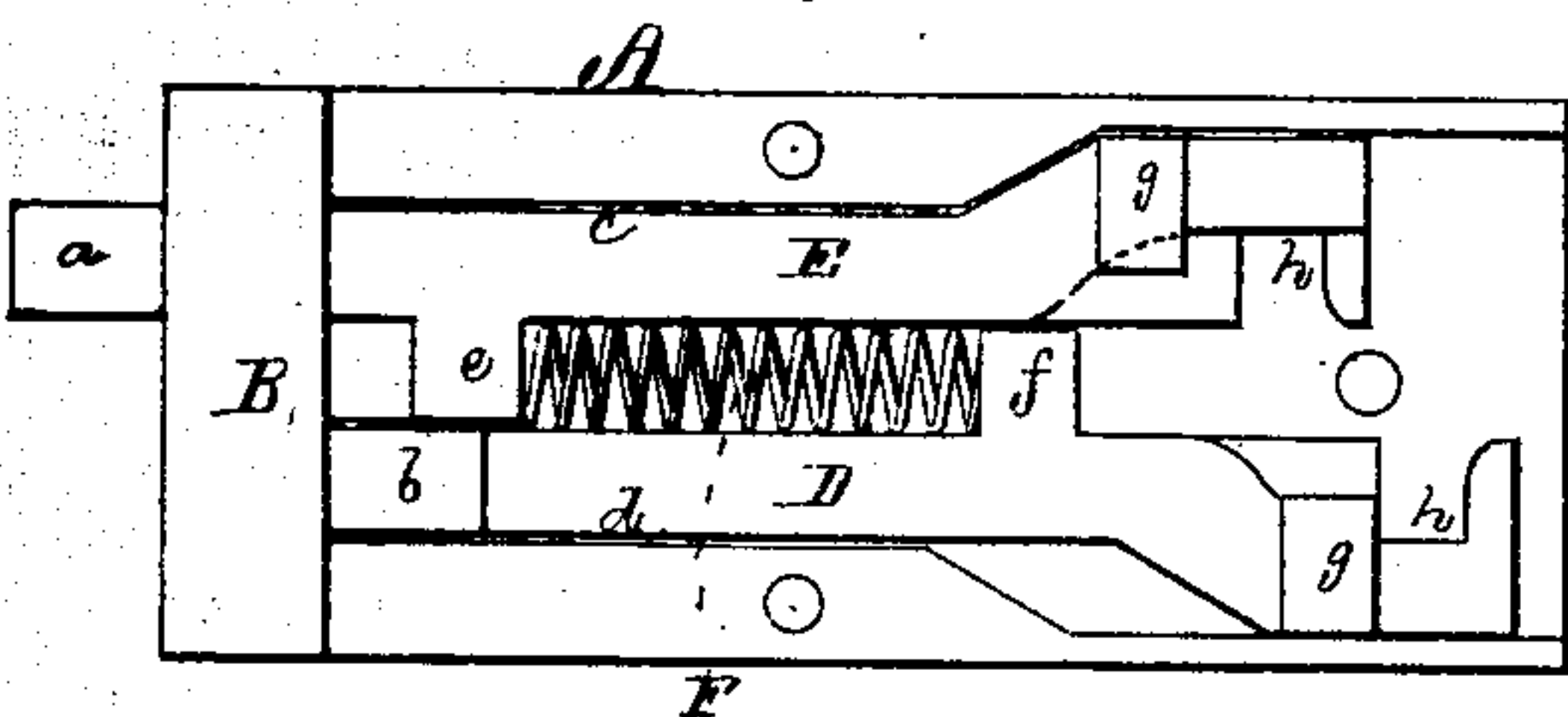


Fig 3.

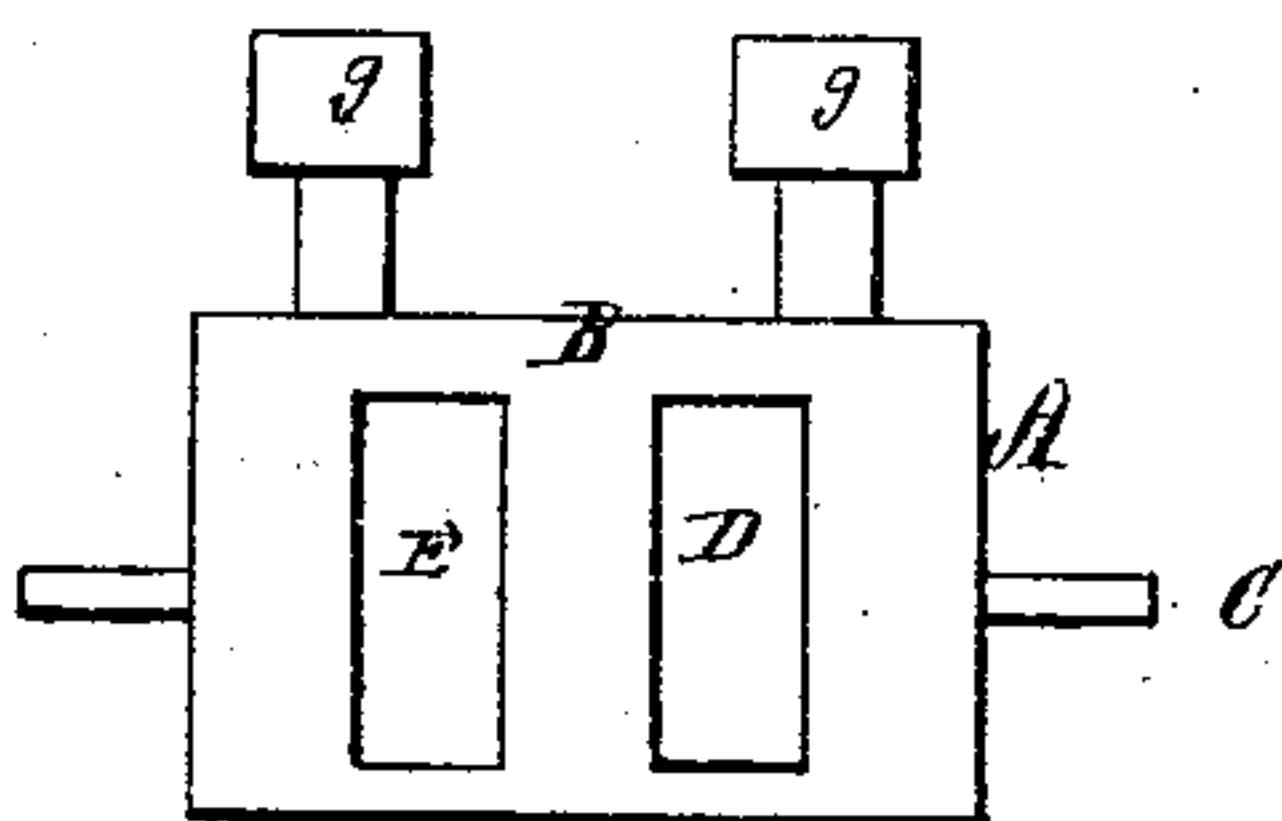
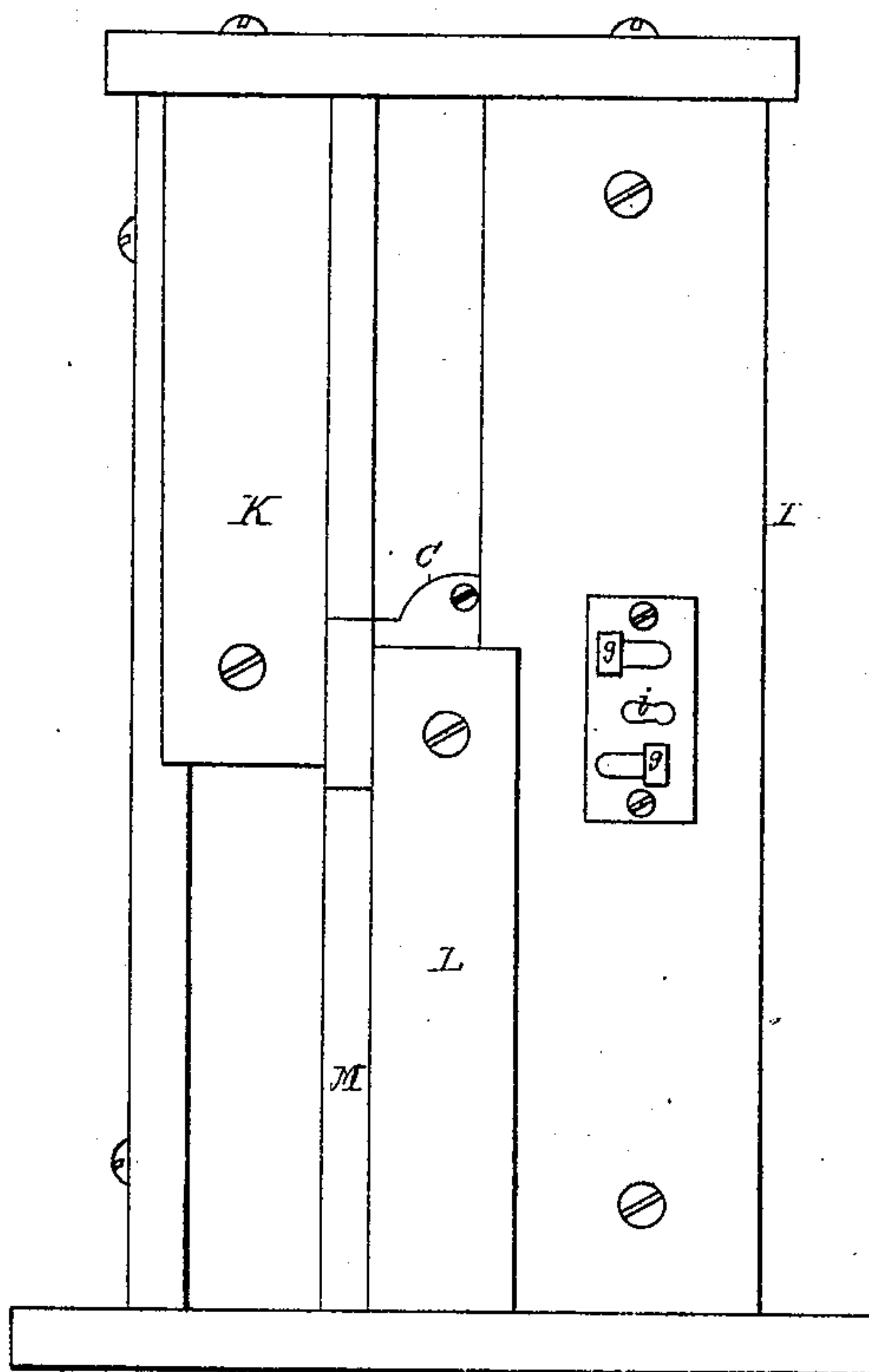


Fig 5.



Witnesses.

S. W. Piper.

L. N. Hölter.

Ransom E. Beckwith.

by his attorney

R. H. Eddy



# UNITED STATES PATENT OFFICE.

RANSOM E. BECKWITH, OF NASHUA, NEW HAMPSHIRE.

## IMPROVEMENT IN SASH-FASTENERS.

Specification forming part of Letters Patent No. 133,916, dated December 17, 1872.

### *To all whom it may concern:*

Be it known that I, RANSOM E. BECKWITH, of Nashua, of the county of Hillsborough and State of New Hampshire, have invented a new and useful or Improved Sash-Fastening; and do hereby declare the same to be fully described in the following specification and represented in the accompanying drawing, of which—

Figure 1 is a front elevation, Fig. 2 a top view, and Fig. 3 an end view, of it. Fig. 4 is a view of it with the case-cap removed, the same showing the arrangement of the two bolts and their actuating-spring. Fig. 5 denotes the arrangement of the fastening relatively to a window-frame, I, its two sashes K L, and the parting-tongue M of the next-contiguous grooves of such sashes.

The said sash fastening or lock is intended to be let into or sunk in a window-frame so that the bolt-carrying projection may be within and make part of the parting-tongue between the two next-contiguous sash-grooves, one of the bolts of the lock being shot forward and the other retracted in order to effect the locking of the sashes.

In the drawing, A denotes the lock-case, as made or provided with the bolt-carrying projection B, and having a cover or cap-plate, C, all arranged as shown. The heads *a b* of the two bolts D E extend out of the case, and play through the projection B, they, when bolted, extending, in opposite directions, out of it. The shanks *c d* of the bolts are within the case, and are provided with abutments *e f*, between which and the shanks a helical spring, F, is arranged, as shown. The said spring serves to

actuate both bolts—that is, to advance one, D, and retract the other, E—so as to cause them to enter notches or recesses in the two sashes, and lock the said sashes.

There should be a series of such bolt-receiving notches in each sash. Each bolt may be provided with a knob, *g*, for retracting or moving it; or may have a key-hole notch, *h*, to enable it to be operated by a key inserted in a key-hole, *i*.

The heads of the knobs may be sunk in a groove or grooves flush with the window-frame so as not to interfere with the movements of a window-shade, or those of a wire screen when used to the window.

Instead of the spring applied to act upon the bolts, as shown, there may be a friction brake or spring to each bolt, in which case the bolt would have to be moved each way by the knob or by the key.

I claim as my invention—

1. The sash fastener or lock, as made with the perforated bolt-carrying projection B, to extend into and make part of the parting-tongue of two sash-grooves, as set forth, and with the two bolts D E arranged with the said projection and in the lock-case A, in manner, and so as to operate substantially as set forth.

2. The two bolts D E, the abutments *e f*, the spring F, the bolt-case A, and the parting-tongue portion or projection B, combined and arranged substantially as specified.

RANSOM E. BECKWITH.

Witnesses:

R. H. EDDY,  
J. R. SNOW.