D. M. COLE.

SASH-FASTENER.

No. 187,514. Patented Feb. 20, 1877.

Fig. 1.

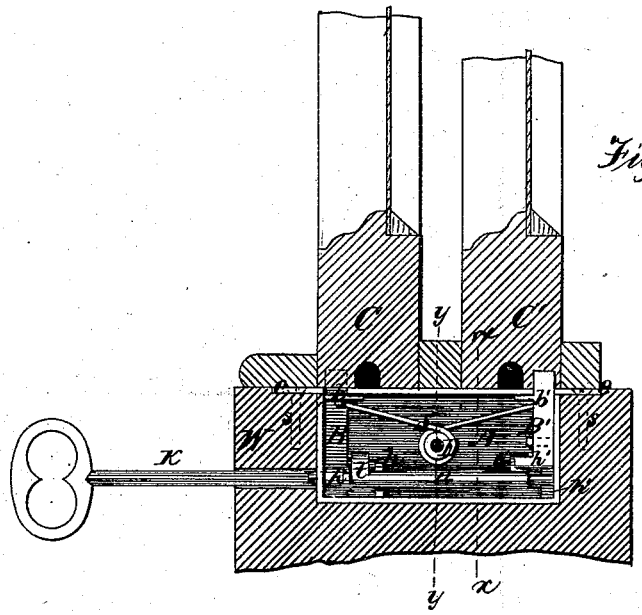


Fig. 2

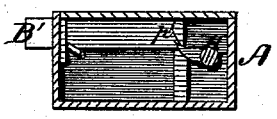
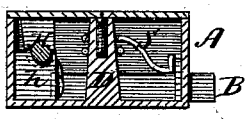


Fig. 3.



Witnesses:
Grenville Lewis.
M. Church

Inventor,
David M. Cole,
By Hill, Ellsworth & Spear
His Attys

UNITED STATES PATENT OFFICE.

DAVID M. COLE, OF ELGIN, ILLINOIS.

IMPROVEMENT IN SASH-FASTENERS.

Specification forming part of Letters Patent No. **187,514**, dated February 20, 1877; application filed October 12, 1876.

To all whom it may concern:

Be it known that I, DAVID M. COLE, of Elgin, in the county of Kane and State of Illinois, have invented a new and Improved Sash-Lock; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a plan view of the lock, and a section of the window-casing and upper and lower sashes. Figs. 2 and 3 are sections taken through the lines *x x* and *y y*, respectively, of Fig. 1.

Similar letters of reference in the accompanying drawings denote the same parts.

My invention has for its object to provide for general use a cheap and simple sash-lock, that can be applied to an ordinary window-casing, and which shall be adapted to lock both sashes independently, and enable either of them to be adjusted and held in any desired position; and to these ends it consists in certain details of construction, which I will now proceed to describe, and point out in the claim.

In the drawings, A represents the casing of the lock, preferably quadrangular in form, and adapted to be let into the window-casing W, and secured thereto by means of screws *s s*, passing through holes in the ears *e e*. B B′ are bolts, located at opposite ends of the lock, the former engaging with one of a series of holes in the lower sash C, and the latter in a like manner with the upper sash C′. These bolts are projected by a spiral spring, S, mounted on a stud, D, located centrally of the lock, the ends of the spring bearing against lugs *b b′*, formed on the bolts, said lugs also serving as stops to limit the throw of the bolts.

The bolts are retracted by means of a shaft, H, mounted in bearings *h h*^{1}, and having right and left projecting cams or teeth *t t′*, which engage with projections *p p′* on the bolts B B′, respectively, when the shaft is rotated to the right or left.

The end *h*^{2} of the shaft is socketed to receive a key, K, which is introduced through the window-casing and an opening in the end of the lock-shell. This key is made of considerable length, to adapt it to casings of different thicknesses.

The stud D, besides carrying the spring S, serves also to receive the screw which holds on the cover of the box.

In the construction shown, if the key be turned to the left the bolt B will be withdrawn from the lower sash, and the latter can be adjusted as desired. The reverse movement of the key enables the upper sash to be adjusted.

The lock being wholly concealed from view, and accessible only, by means of the key, from the inside, there is no liability of its being tampered with from without.

I claim as my invention—

The sash-fastener herein described, consisting of the two bolts B B′, having shoulders *p p′* and lugs *b b′*, the rotating shaft H, provided with cams *t t′*, the spring S, mounted upon the central stud D, serving, also, to receive the screw which holds on the cover of the box, all constructed and arranged to operate in the manner and for the purpose specified.

DAVID M. COLE.

Witnesses:
R. R. SNOW,
D. W. NORRIS.