(Model.)

D. McCURDY.

Sash Fastener.

No. 235,793. Patented Dec. 21, 1880.

Fig. 1.

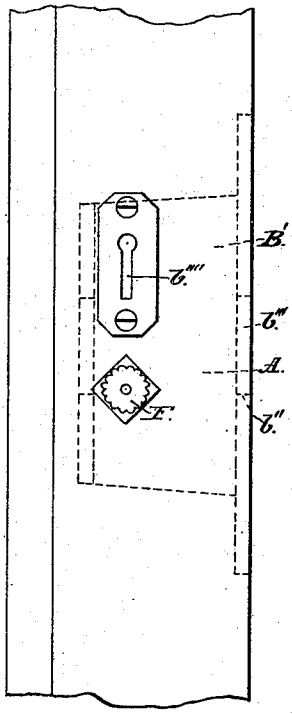


Fig. 2.

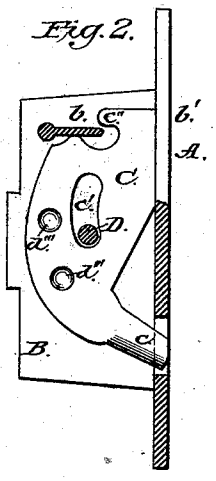


Fig. 3.

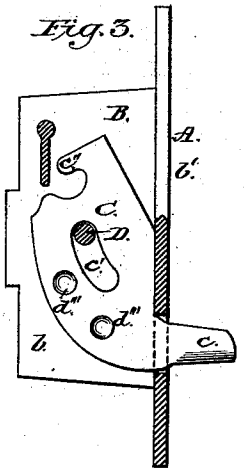
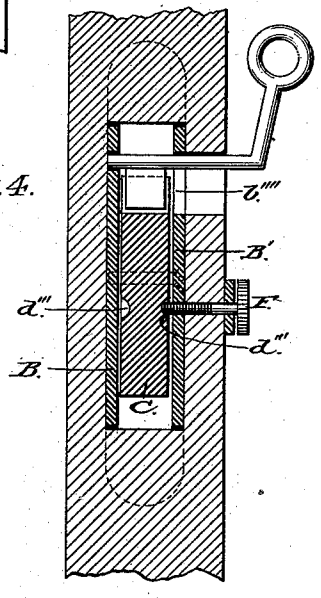


Fig. 4.



WITNESSES

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UNITED STATES PATENT OFFICE.

DAVID McCURDY, OF OTTAWA, OHIO.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 235,793, dated December 21, 1880.

Application filed October 9, 1880. (Model.)

To all whom it may concern:

Be it known that I, DAVID MCCURDY, of Ottawa, in the county of Putnam and State of Ohio, have invented a new and valuable Improvement in Door and Sash Locks; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a view of the lock applied to a casing. Figs. 2 and 3 are sectional views, showing the bolt in locked and unlocked positions. Fig. 4 is a transverse section.

This invention relates to fastening devices; and it consists in the construction hereinafter specified.

In the annexed drawings, A is a casing of a lock, consisting of the two portions B B′. B has a body-part, *b*, and the facing *b′*, in which is the rabbet b^2, in which fits tongue b^3 of portion B′. This latter has the key-hole b^4, and the two portions form a case for the bolt C. This bolt C has a locking-finger, *c*, a slot, *c′*, and a lug, c^2. Through slot *c′* passes the bolt D, which fastens the two portions of the casing together, and said slot is arranged on such a curve that bolt D is capable of being operated through the opening b^4 in facing *b′*. The bolt is fastened in the casing, and the whole is placed where it is to be used.

This latch is intended to be used as a gravity-latch, the bolt operating by its weight, and hence is adapted for fastening window-sashes especially, but can be used on doors or in other places suitably adapted to such a latch.

In the frame of the window or door there is to be located a screw-button, F, which passes into the lock, and by entering one of the recesses d^3 in said bolt C keeps the bolt either in a fastened or unfastened position. This key, being removable from the lock, when taken out leaves the bolt in a fastened position and securely held until the key be again inserted and used. To keep the bolt unfastened the key is left in, whereby the key is necessary to the operation of the bolt for unlocking.

I am aware that gravitating bolts are not broadly new; also, that such bolts have been provided with lugs for the key to engage with. In some instances the key simply stops the bolt in its keeper. In others it has been used to tilt a vibrating bolt. I employ it, however, for lifting the bolt out of its keeper. In my claim I desire to limit myself to the construction shown and described herein.

I am also aware that a sash-lock having a catch that cannot be unlocked or displaced except by moving said catch by means of a button connected therewith and operating in a slot in the face of the lock is also old.

I therefore claim—

In a sash-fastener, the combination, with the casing A, provided with the key-hole b^4, of the gravity-bolt C, slotted at *c′* to receive the transverse rod D, recessed in its face at d^3, and provided with the lug c^2 and locking-finger *c*, the thumb-screw F, and the detachable key, constructed and operating substantially as set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

DAVID MCCURDY.

Witnesses:
T. D. CAMPBELL,
JACOB L. H. LONG.