

No. 614,429.

Patented Nov. 15, 1898.

S. E. BIRD.
SASH FASTENER.

(Application filed Jan. 20, 1898.)

(No Model.)

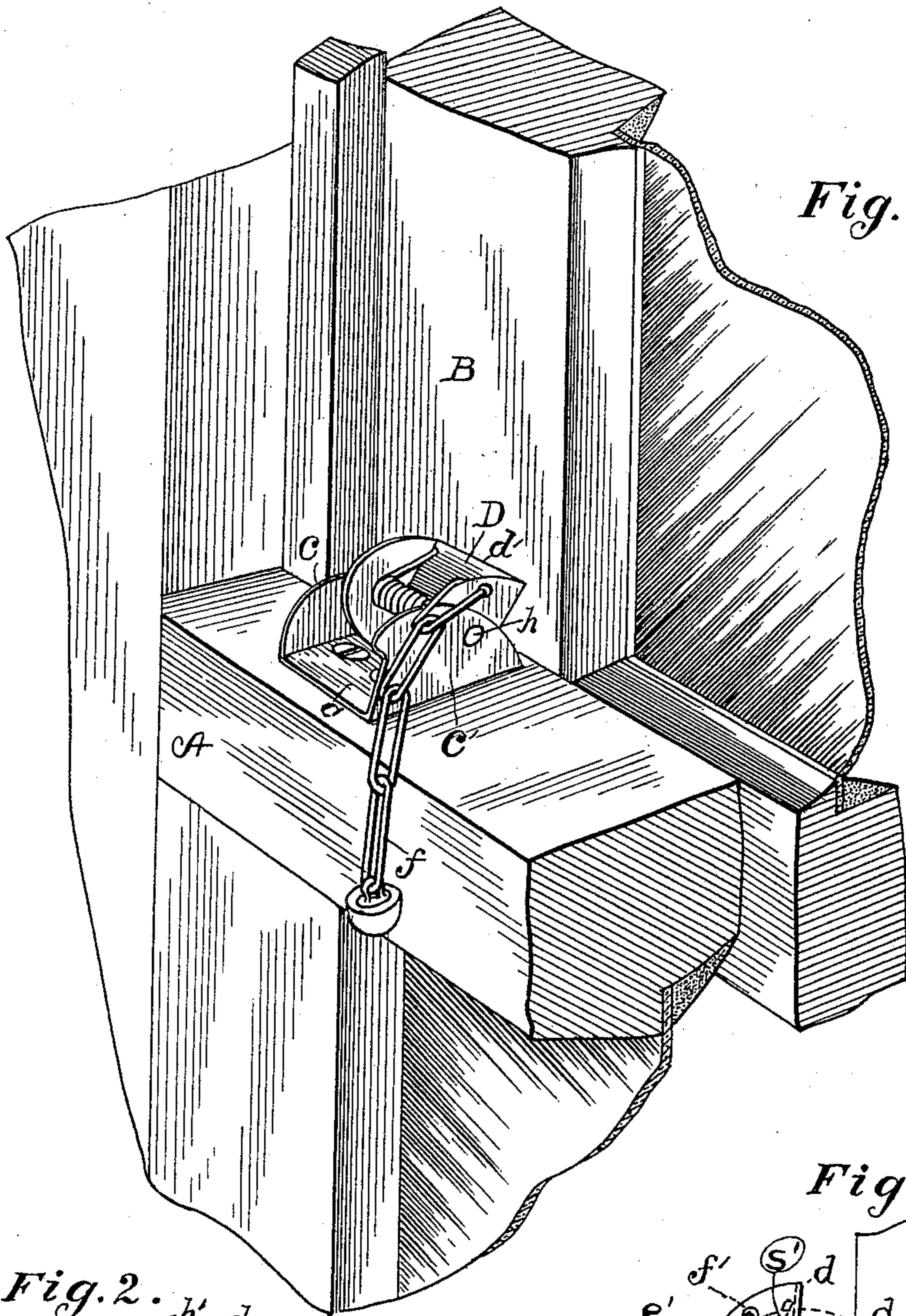


Fig. 1.

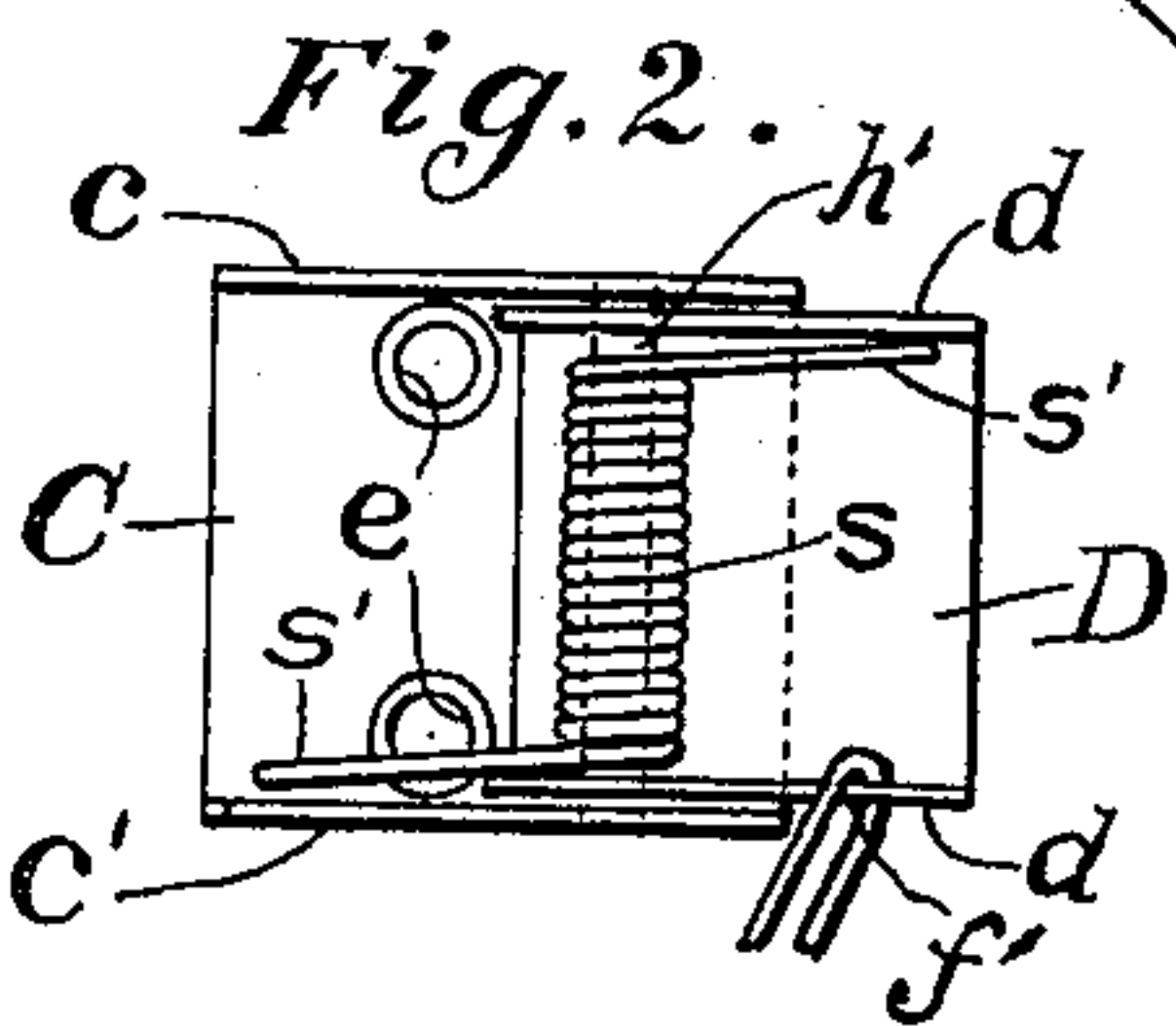


Fig. 2.

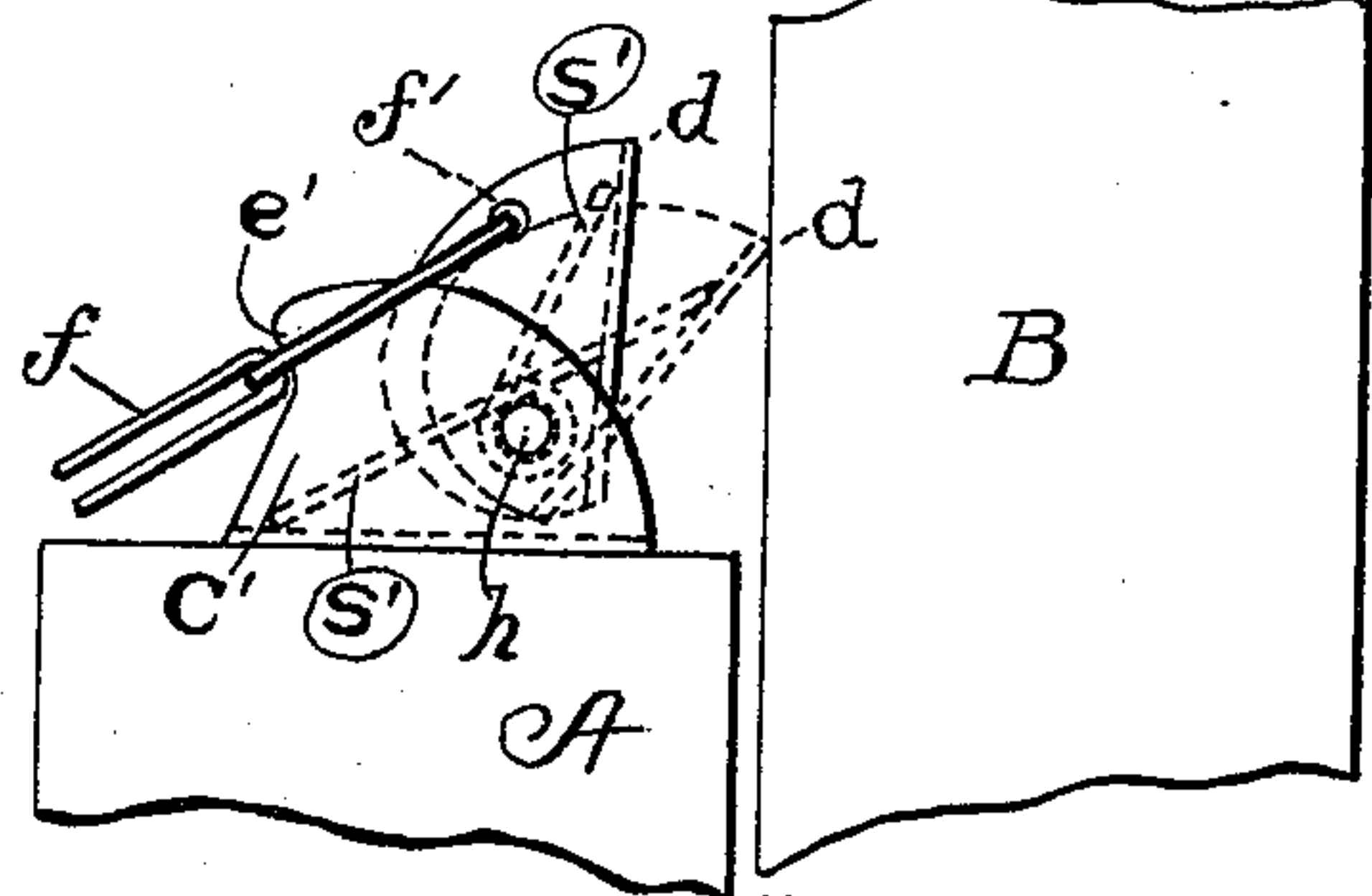


Fig. 3.

WITNESSES:

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SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 614,429, dated November 15, 1898.

Application filed January 20, 1898. Serial No. 667,341. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL E. BIRD, a citizen of the United States, residing at Chicago, in the county of Cook, State of Illinois, have
5 invented a new and useful Improvement in Sash-Locks, of which the following is a specification.

My invention relates to improvements in window-fastening devices in which a friction-clutch is used; and the objects of my improvement are to provide a less costly and more secure lock and a lock that can be applied to a window without cutting away the sash or frame. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—
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Figure 1 is a perspective view showing the device applied to the sash, a part of a window being shown also. Fig. 2 is a top view showing all parts of the lock. Fig. 3 is a right side view showing the position of the lock when the sash is not locked.
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Similar letters refer to similar parts throughout the several views.

25 The lock consists of four members and is made of metal. The bottom section C consists of a flat piece of metal, with two curved sides bent upward at a right angle to the plane *c c'*, Fig. 2. The right-hand side *c'* is provided with a blunt hook *e'*, Fig. 3, and apertures made in each side opposite to each other *h* to receive a pin *h'*. Two holes are then drilled for screws to fasten the lock to the sash, (shown at *e*, Fig. 2.) The locking-section D is
30 made in the same manner, with two curved sides *d d*, Fig. 2, narrow enough to fit easily between the sides of the bottom section. Holes are made in the sides opposite to each other (to correspond with the holes in the bottom section) near the back end. (Shown in Fig. 3, dotted lines *h*.) Another hole is made in the right-hand side *f'* near the curved edge of the side, in which a chain-link *f* is fixed. A coiled spring S is then formed, provided
45 with a lever *s'* on each end of the coil and extending in opposite directions. The spring is placed in between the sides of the locking-section D. Then the locking-section is placed

between the sides of the bottom section, so that the holes *h* in both sections come opposite to each other, and a pin *h'* is then passed through all parts and riveted permanently. A chain with long links is then fixed in the hole *f'*, Fig. 3. The chain may be of any suitable length and provided with a button or
50 ring on its lower end, as shown in Fig. 1.

The lock is fixed on the top of the meeting-rail of the lower sash A, in the left-hand corner, with the lip *d* of the upper section resting against the upper sash B, Fig. 1. It should
60 be placed near enough so the upper section would stand at an angle of forty-five degrees when locked, as shown in Fig. 1 and in Fig. 3 by the dotted lines, with the spring holding it firmly against the upper sash.
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To unlock the sash, take the button in hand and pull the locking-section back far enough to permit the first link in the chain to be hooked over the hook *e'*, as shown in Fig. 3, when the sash may be freely moved up or
70 down. It will then stand as shown in Fig. 3.

It will be seen that the lower sash may be moved downward without pulling the chain and when at rest will be locked where it stops.

Having described my invention and its operation, what I wish to secure by Letters Patent is—
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The combination in a sash-lock of the bottom section, having two curved sides, adapted to receive a locking-section, D, the said locking-section provided with two side pieces, adapted to fit said bottom section; the pin *h'* carrying the spring and locking-section; the spring having a lever at both ends; one of said levers adapted to press against the floor
80 of the bottom section and the other against the floor of the locking-section; the hook *e'*, adapted to engage a chain-link, the said chain-link being fixed to the side of the locking-section; the chain adapted to release said
85 lock; substantially as described.
90

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Witnesses:

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