

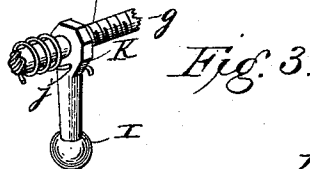
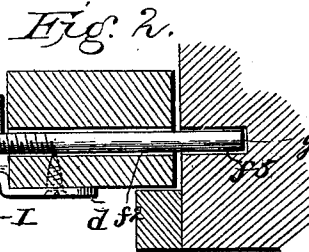
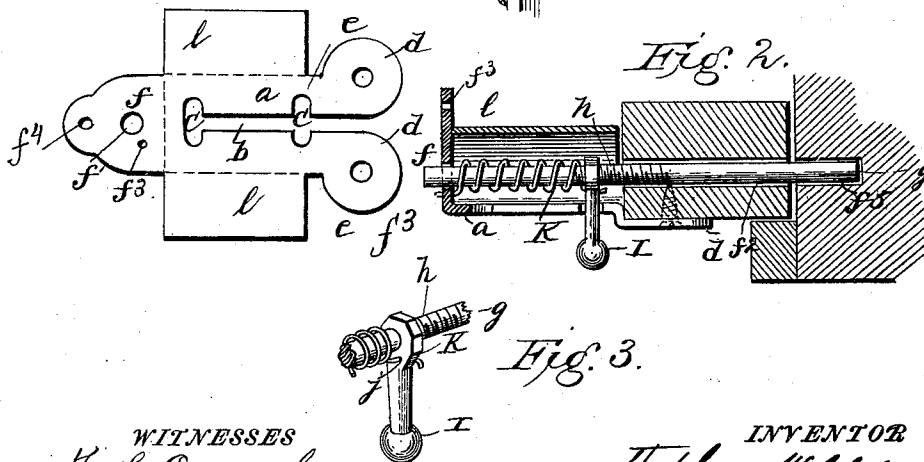
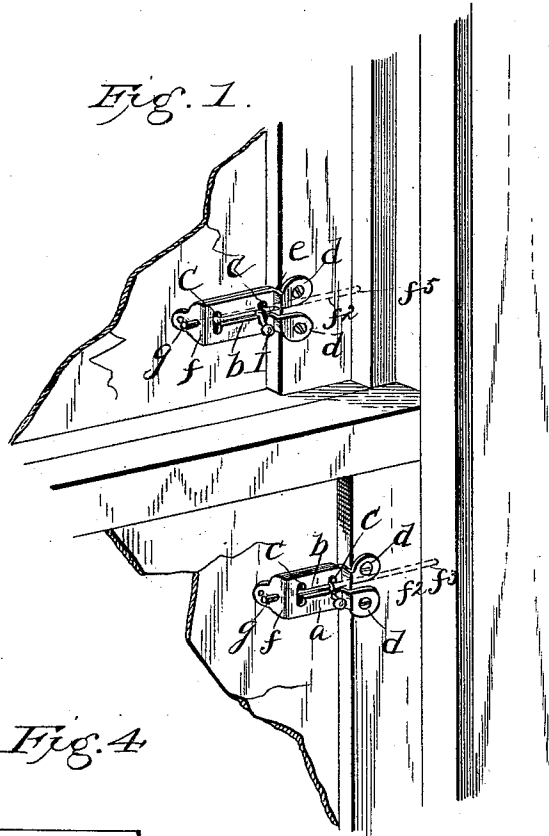
(No Model.)

2 Sheets—Sheet 1.

S. McCLELLAN.
SASH FASTENER.

No. 479,152.

Patented July 19, 1892.



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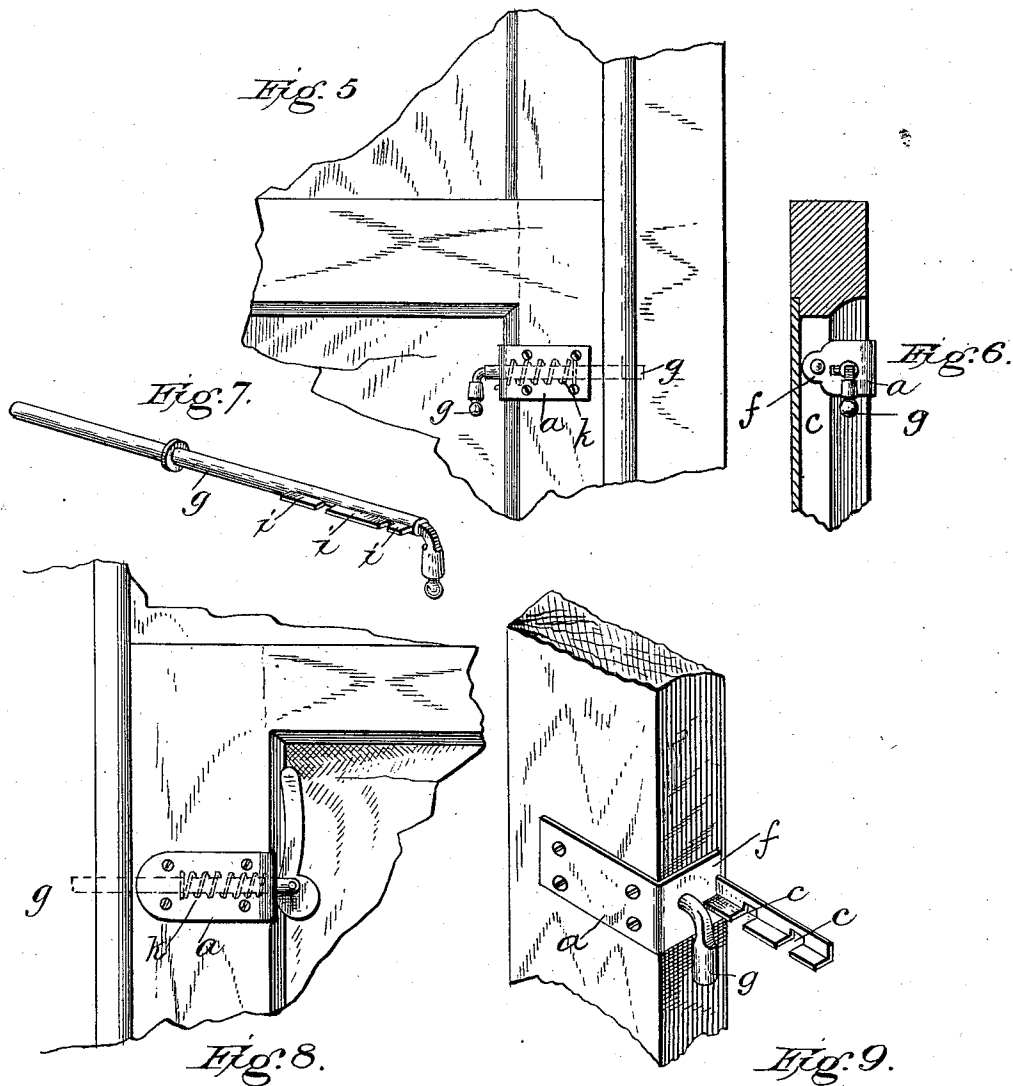
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2 Sheets—Sheet 2.

S. McCLELLAN.
SASH FASTENER.

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UNITED STATES PATENT OFFICE.

STEPHEN McCLELLAN, OF SAN MARCOS, TEXAS.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 479,152, dated July 19, 1892.

Application filed April 15, 1892. Serial No. 429,351. (No model.)

To all whom it may concern:

Be it known that I, STEPHEN McCLELLAN, a citizen of the United States, residing at San Marcos, in the county of Hays and State of Texas, have invented certain new and useful Improvements in Sash-Locks; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention is a window-sash lock; and it consists in the novel construction and arrangement of its parts.

In the accompanying drawings, Figure 1 is a face view of my lock attached to a window-sash. Fig. 2 is a longitudinal sectional view of my lock. Figs. 3 and 4 are detail views. Figs. 5, 6, 7, 8, and 9 are figures showing modifications of my invention, all being operated, however, by the same principle and having in view the same ends.

My lock consists of a face-plate *a*, having in it a longitudinal slot *b* and cross-slots *c*. The said plate also has two perforated lugs *d*, so that the lock may be secured to the edge of the sash. Said lugs are each provided with a neck *e*, which is squarely turned up and the lugs squarely turned out, so that the lock will set a little in from the face of the sash and will not stand out and be in the way of the lower sash as it is moved up and down. The front end of the said plate has a perforated nose *f*, which is squarely turned back to form a guide for the locking-bolt *g*. One end of the said locking-bolt passes through perforation *f'* of the nose *f*, while the other passes through a perforation *f''* in the sash and into a perforation *f'''* in the window-jamb. Said bolt has cut on it near its center threads *h*. The perforation in the bolt-handle *i* is provided with threads, and said handle is screwed onto the threads *h* of the bolt *g*, so that said bolt may be adjusted to pass through any sash whether it be narrow or wide, and have sufficient length to enter the perforation *f'''* in the jamb. The bolt-arm *i* is provided with another perforation *j*, to receive one end of a coil-spring *K*. Said coil-spring is coiled

around the said bolt, and its other end passes through the perforation *f'''* in the nose *f*. These ends turn down, so that said spring is securely held in place. The tension of the spring is such that the handle *i* is held down by it in either one of the cross-slots *c*. It will be seen that these cross-slots extend both above and below the longitudinal slot *b*, so that if it should be necessary to put the lock on the left-hand rail of the sash the said handle could still work in the then lower ends of said slots, and the tension of the spring *K* could be easily changed so as to draw the said handle into said slots. The purpose of slot *c* at the inner end of slot *b* is to hold the bolt *g* by means of the arm *i* out of the perforation *f'''* in the window-jamb when it is desired to raise or lower the sash, and this is especially important when this lock is used on sashes hung on weights, as it would be very annoying to have the bolt *g* jumping into the perforations *f'''* as the sash moved up or down; but it will be seen that by this method bolt *g* is entirely out of the way when so locked back. The other slot *c* at the other end of the slot *b* is for an additional way of holding said bolt into the perforations *f'''* in the jamb, spring *K* also helping to hold said bolt in place. The said plate is also provided with wings *l*, which are turned back, forming a half-hollow cylinder. The purpose of this cylinder is more for appearance than any actual service, because when the lock is put on the rail of the sash, as shown in Fig. 1, part of it will be seen through the glass from the outside, and the cylinder can be made ornamental and would look much neater than the lock would without it; but I do not always put the lock on as shown in Fig. 1; but I sometimes cut a recess in the rail of the sash and set said lock in said recess so that its inner end will be flush with the inner edge of said rail and its lugs *d* will be flush with the face of said rail, in which case I make an additional perforation *f''''* in the nose *f*, for the purpose of securing said nose to the edge of the sash-rail.

As a modification of my lock I sometimes cast or otherwise make the bolt *g* and arm *i* in one piece and use the spring *K* without passing it through any perforations *j* or *f'''*, as shown in the drawings.

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination, with the side rail of a
 5 window-sash, of the plate *a*, having the longitudinal slot *b*, cross-slots *c*, and perforations *f* and *f*³, bolt *g*, handle *I*, secured to said bolt and having a small perforation *j*, and torsional
 10 spring *K*, one end passing through the perforation *f*³ and the other through the perforation *j* and adapted to throw the handle *I* into the cross-slots *c*, said lock adapted to be secured to said rail by any substantial means, substantially as shown and described.
- 15 2. The combination, with the side rail of a window-sash, of the plate *a*, having the longitudinal slot *b*, cross-slots *c*, perforated lugs

d, and perforated nose *f*, bolt *g*, having the threads *h*, handle *I*, having a threaded perforation and screwing on the bolt *g*, and a small
 20 perforation to receive one end of the spring *K*, and coil-spring *K*, one end passing through the perforation *j* and the other through the perforation of the nose *f*, said lock adapted to be secured to the rail by bolts or nuts passing through the perforated lugs *d*, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

STEPHEN MCCLELLAN.

Witnesses:

JOHN H. MCNUTT,
 BYRON W. SMITH.