

(No Model.)

J. M. GRAHAM.  
SASH FASTENER.

No. 591,469.

Patented Oct. 12, 1897.

Fig. 1.

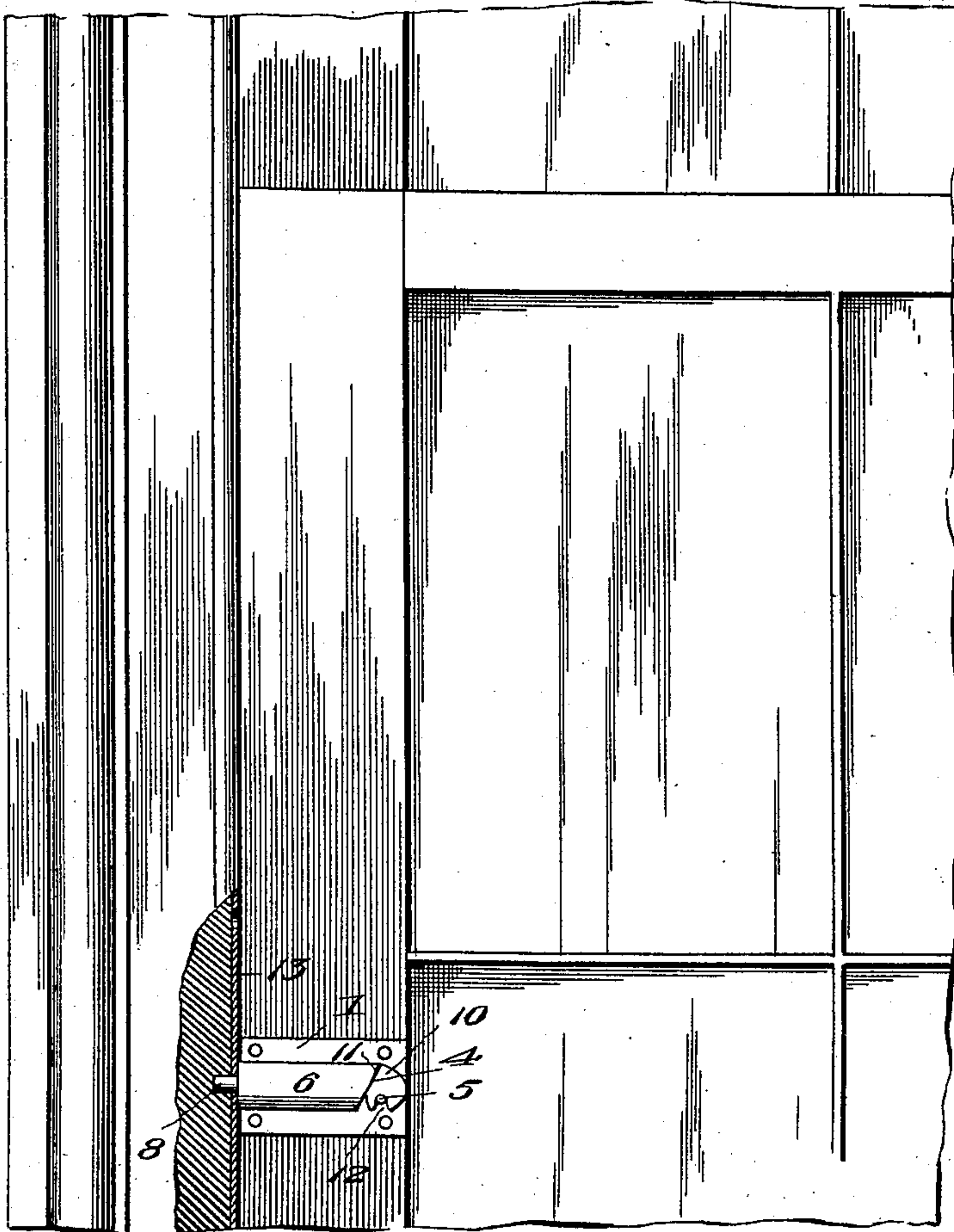


Fig. 2.

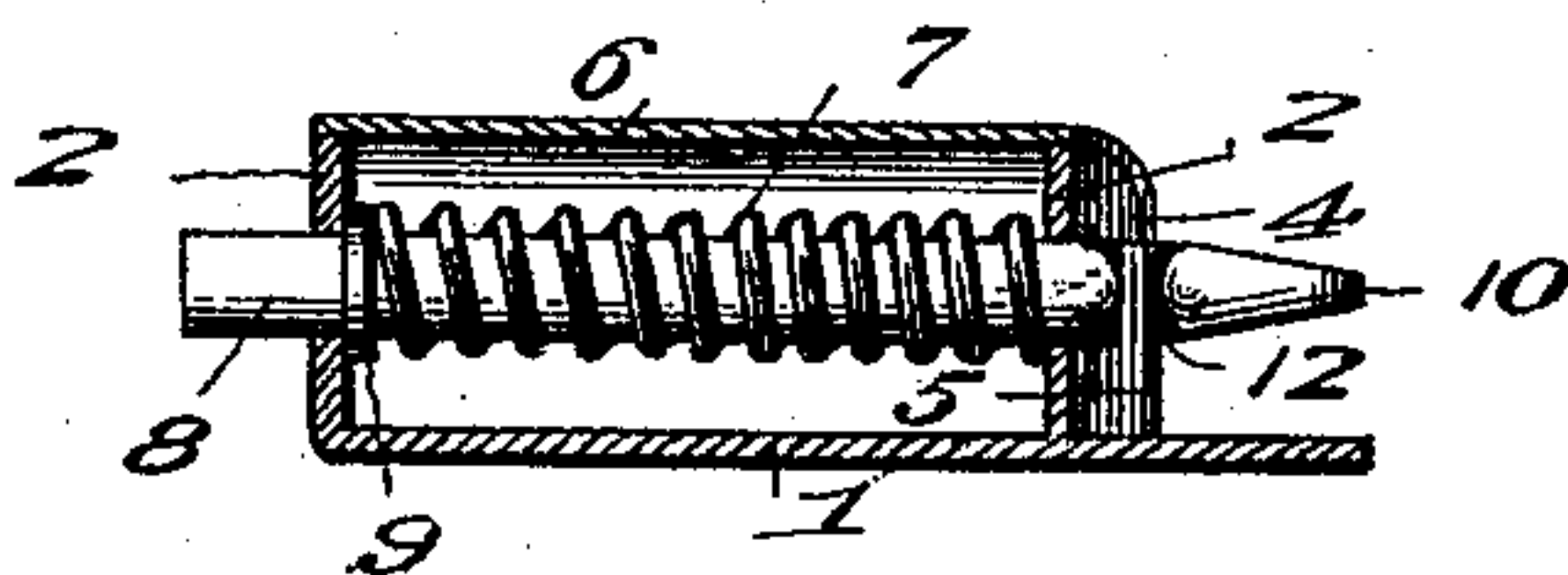
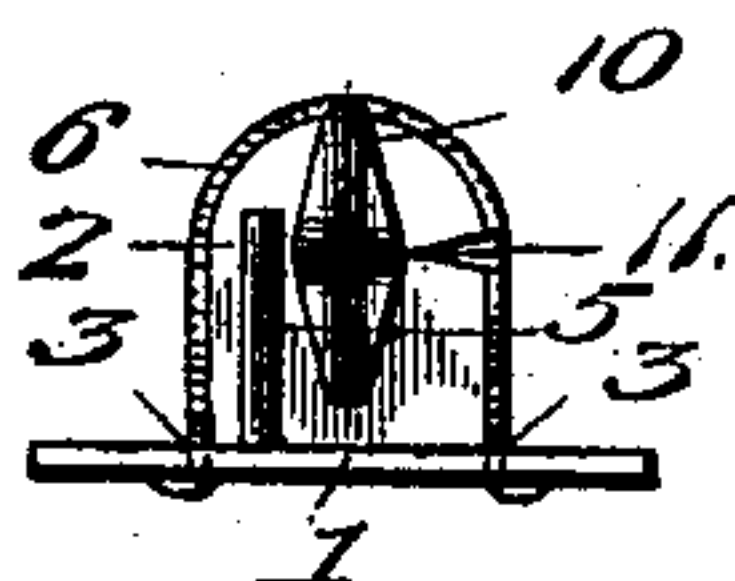


Fig. 3.



Witnesses

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# UNITED STATES PATENT OFFICE.

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## SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 591,469, dated October 12, 1897.

Application filed April 6, 1897. Serial No. 630,986. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES M. GRAHAM, a citizen of the United States, residing at Drayton, in the county of Pembina and State of North Dakota, 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.

My invention relates to sash-fasteners; and the object is to provide a simple, durable, and inexpensive sash-fastener which will serve to prevent rattling of the sashes.

With this object in view the invention consists of certain features of construction and combination of parts which will be hereinafter fully set forth and claimed.

In the accompanying drawings, Figure 1 is an elevation of a portion of a sash and window-frame, illustrating the application of my invention thereto. Fig. 2 is a longitudinal sectional view of the fastener, and Fig. 3 is an end elevation of the same.

In the drawings, 1 denotes the base-plate, having laterally-projecting perforated ears 2 at its ends and provided with two slots 3. One of the ears is formed with an inclined surface, as shown at 4, and below this inclined surface is a laterally-projecting pin or stud 5, for a purpose presently to appear.

6 denotes a barrel the ends of which embrace the ears and the edges of which are provided with two tongues that are adapted to pass through slots in the base-plate and be bent back parallel with the plate to hold the barrel thereto. This barrel incloses a coiled spring 7, which is wound around the shank of the bolt 8 and abuts against a collar 9 on said bolt. The energy of this spring is exerted to shoot the bolt outward. The bolt is provided with a thumb-button 10, which, when rotated, engages the inclined face of the ear and retracts the bolt. The inner edge of this thumb-button is adapted to rest in a niche 11 when the bolt is retracted, and said niche will hold the bolt in such position.

12 denotes a slot formed in the thumb-button, and is adapted to embrace the stud or pin of the base-plate when the bolt is shot and in locked position. By this construction it will be impossible for a person from

without to insert a blade or other tool between the window-casing and the sash and force the bolt back.

13 denotes a metallic strip secured to the window-frame and provided with holes 14, adapted to receive the bolt.

While I have shown the fastener applied to the side of the sash and the metallic strip secured to the side of the window-frame, it is evident that the strip may be secured to the parting-strip of the window-sash and the base-plate secured to the upper cross-piece of the lower sash.

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

1. The combination with a base-plate provided with laterally-projecting perforated ears, one of which is provided with an inclined end having a niche, a pin or stud projecting laterally from the base-plate at the side of said inclined end, said base-plate being also provided with two slots, of a barrel embracing the ears and provided with tongues inserted through said slots and bent back upon the base-plate, a bolt located within said barrel, a spring for actuating said bolt, said bolt being provided with a thumb-button adapted to engage the inclined end of the ear, and when retracted to engage the niche in the inclined end, and provided with a slot to engage the pin or stud and lock the bolt against longitudinal movement, substantially as set forth.

2. A sash-fastener comprising a base-plate, a barrel on the base-plate, a bolt passing through the barrel, and a spring surrounding the bolt, the outer end of the barrel being formed with a cam-surface, and the head of the bolt having an inclined surface conforming to the end of the barrel, a V-shaped notch in the head to engage a pin on the base-plate to hold the bolt extended, and a niche in the face of the barrel designed to catch the sharp edge of the head to hold the bolt retracted, substantially as described.

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

JAMES M. GRAHAM.

Witnesses:

E. E. JOHNSON,  
R. V. WALDO.