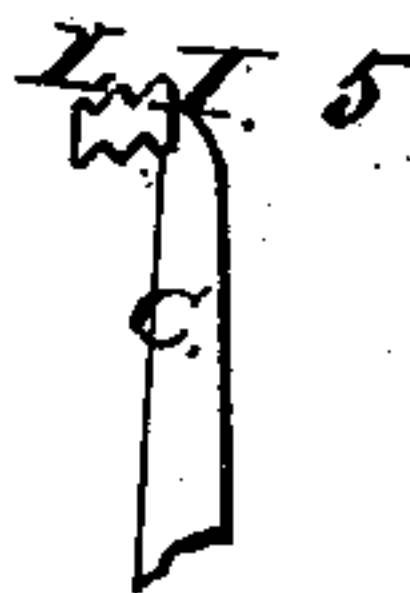
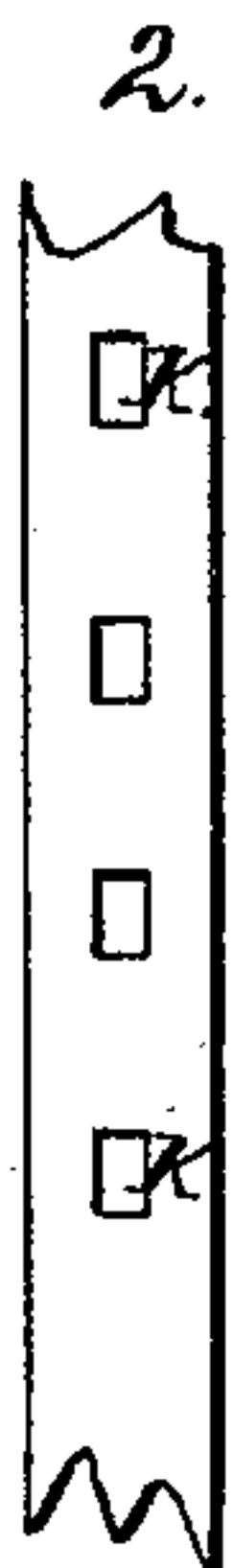
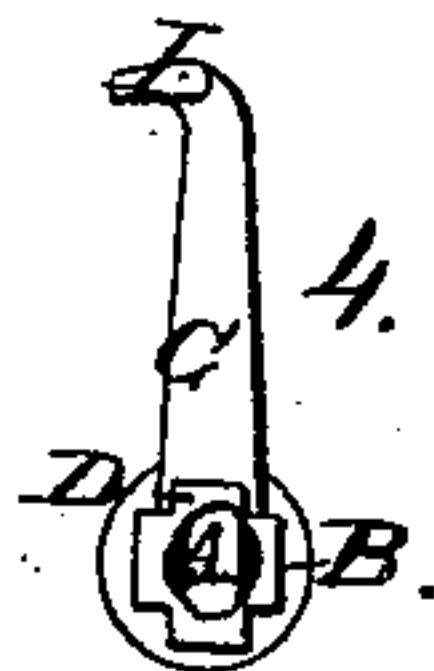
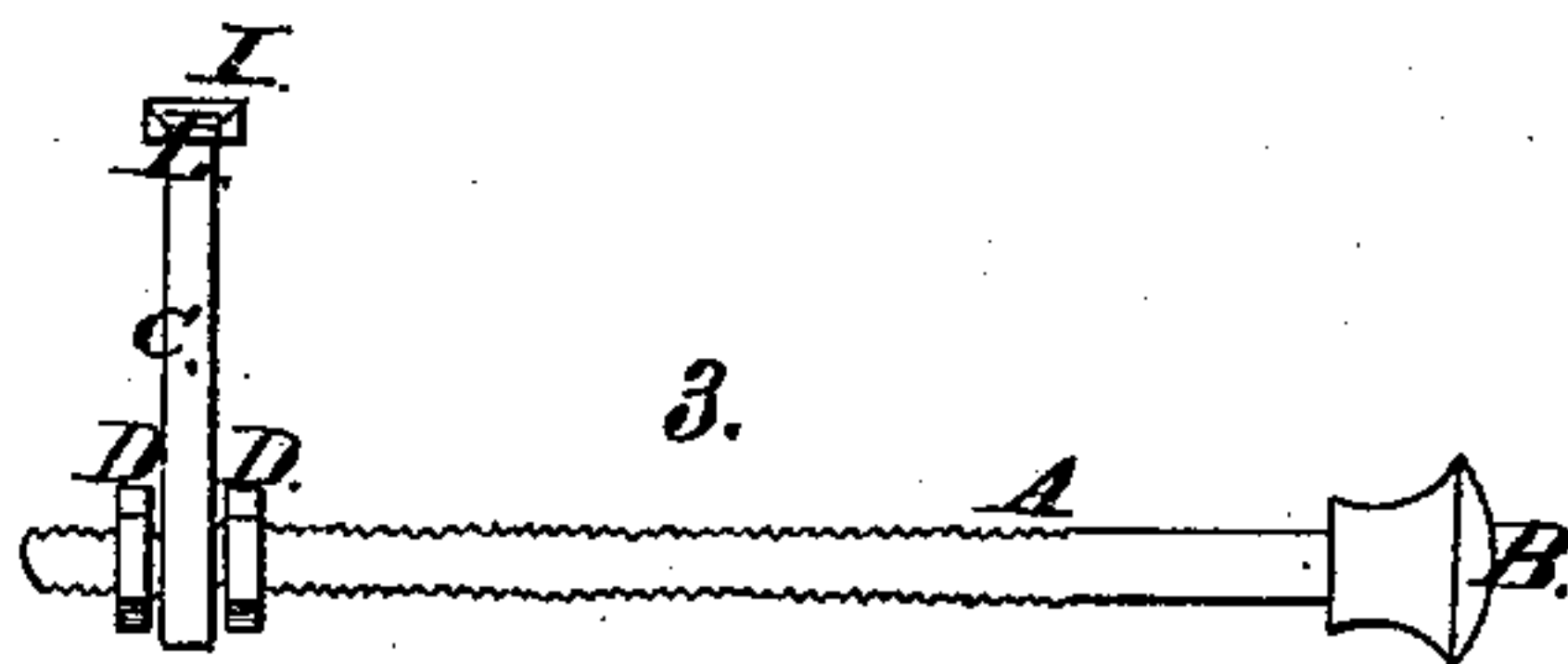
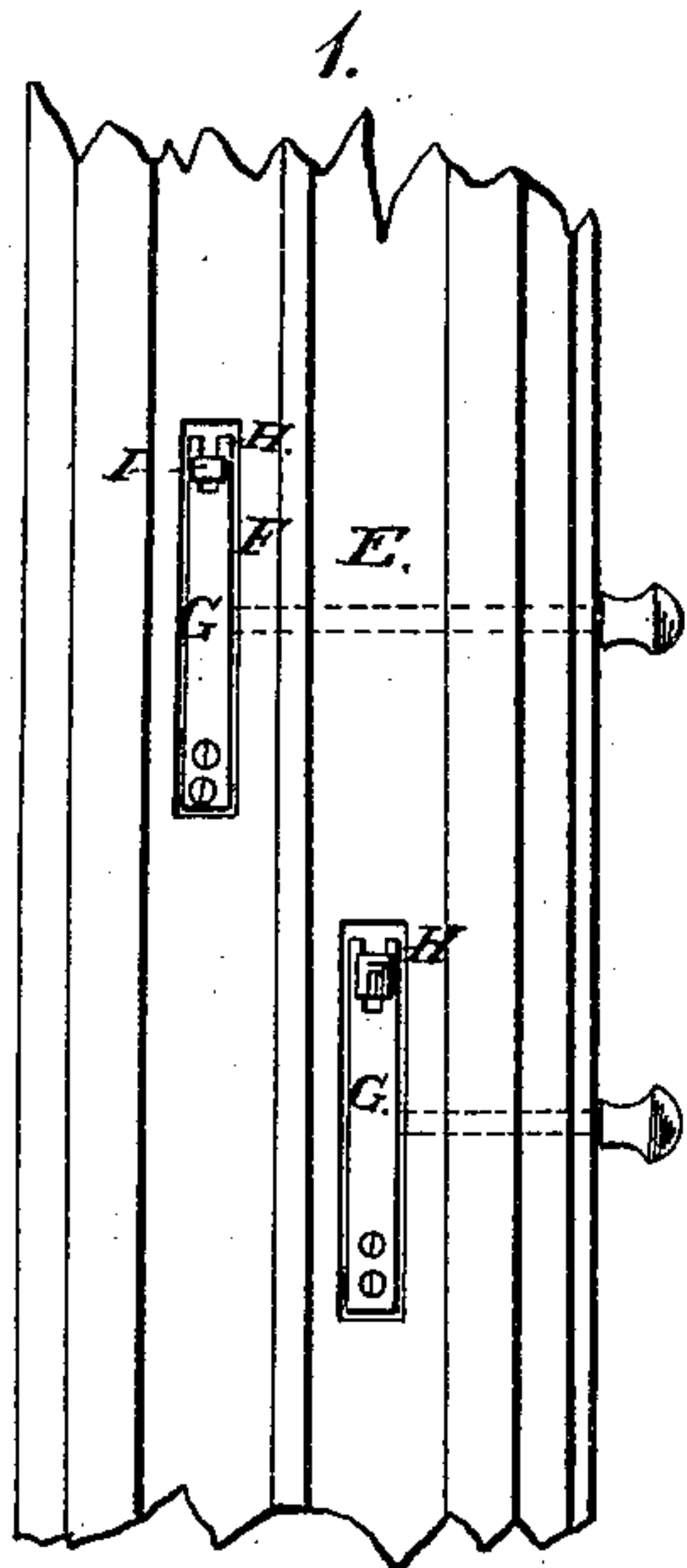


R. L. Sibbet,

Sash Fastener,

N^o 102,604.

Patented May 3, 1870.



Witnesses:
Geo. H. Choate
J. C. Robbins

Inventor:
R. L. Sibbet
by *Chas. S. Whitman* atty

United States Patent Office.

R. L. SIBBET, OF NEW KINGSTON, PENNSYLVANIA.

Letters Patent No. 102,604, dated May 3, 1870; ~~antedated~~ April 29, 1870.

IMPROVED SASH-HOLDER.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, R. L. SIBBET, M. D., of New Kingston, in the county of Cumberland and State of Pennsylvania, have invented a new and useful Improvement in Window-Sash Fastener; and that the following description, taken in connection with the accompanying plate of drawings, hereinafter referred to, forms a full and exact specification of the same, wherein I have set forth the nature and principles of my said improvement, by which my invention may be distinguished from others of a similar class, together with such parts as I claim and desire to secure by Letters Patent.

My invention relates to that class of window-sash fasteners in which the bolt, arranged with a spring, is operated by a knob or crank, and consists in arranging a flat spring, attached to the outside of the frame, with the bolt or catch, as hereinafter described.

In the accompanying plate of drawings, which illustrate my invention, and form a part of the specification thereof—

Figure 1 is a section of the common form of window-frame, with my invention applied thereto.

Figure 2 is a section of the common form of window-sash, with slots for the reception of a bolt.

Figures 3 and 4 illustrate the mode of securing the hook-bolt upon the spindle.

Figure 5 shows a form of bolt which may be used for the purpose of locking the sash.

My invention is constructed and applied as follows, to wit:

Upon two of the sides of the spindle A a thread is cut, and upon the end thereof is secured the knob B. The said knob may be made solid with the said spindle, or attached to the same by means of a screw. The latter method would be preferable in the adaptation of my invention to car-windows.

Upon the lower end of the shank of the hook C is cut an oblong slot, of such a size and shape that the said hook may be adjusted upon the flattened screw of the spindle A, in any desirable position, by means of the nuts D, whose internal threads correspond with and fit the external thread cut upon the spindle A.

A cylindrical perforation, represented by dotted lines in fig. 1, is made in the frame E, of such a caliber as to admit of the introduction of the spindle aforesaid,

and constitute a journal in which the same may be revolved.

Slots are cut in the frame, at D, of such a configuration as to conform to the shape of the hooks C and nuts D, and admit of the operation of the same.

The plate springs G are screwed to the frame, and are provided with rectangular notches, H, which fit over the shoulders I of the hooks C, hold the same in position, and shoot the bolt end of the said hooks.

Upon the sides of the window-sash are cut the slots K, for the reception of the bolts aforesaid.

Having thus described the construction and component parts of my invention, I will proceed to indicate its operation.

The spindle A having been placed in the journal prepared for its reception, the hook C is passed over the end thereof, and secured in position by the nuts D, which may be turned while in the mortise by means of a small wrench or other instrument adapted to the purpose. The shoulders of the bolt I are then secured by the spring G, and the said spring is screwed firmly to the frame.

The bolt end L may be so constructed as to lock the sash, so that it cannot be moved by extraneous force, by causing the said bolt to curve slightly downward, as represented in fig. 5, and cutting notches thereon; or it may be so constructed as to allow the sash to be raised, without applying force to the knob B, by upward pressure of the said sash.

I am aware that hooks attached to spindles passing transversely through the window-frame have been heretofore patented, (see patent of A. Bradford, December 15, 1868.) I am also aware that springs have long been used for the purpose of operating sash-fasteners.

I therefore limit myself as to what I claim as new, and desire to secure by Letters Patent, as follows, to wit:

The flat spring G, with its notch H, when arranged to operate with the hook C, substantially as herein described.

R. L. SIBBET, M. D.

Witnesses:

W. W. WANBAUGH,
F. E. GLOVER.