C. E. STELLER.

Fastener for Meeting-Rails of Sashes.

No. 206,636. Patented July 30, 1878.

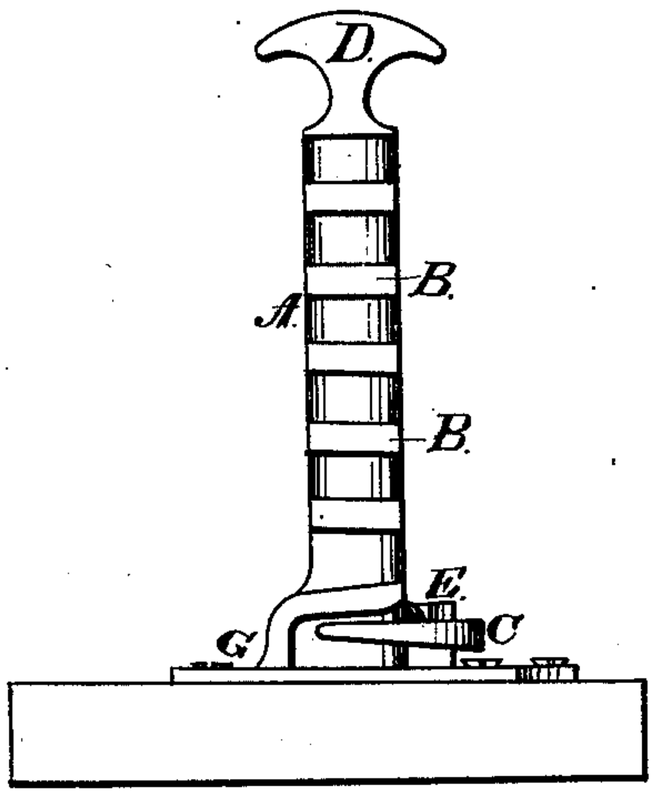

Fig. 1.

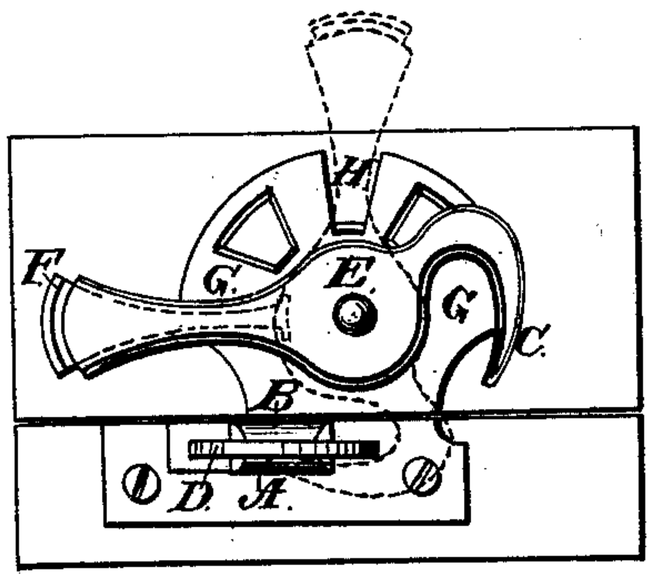

Fig. 2.

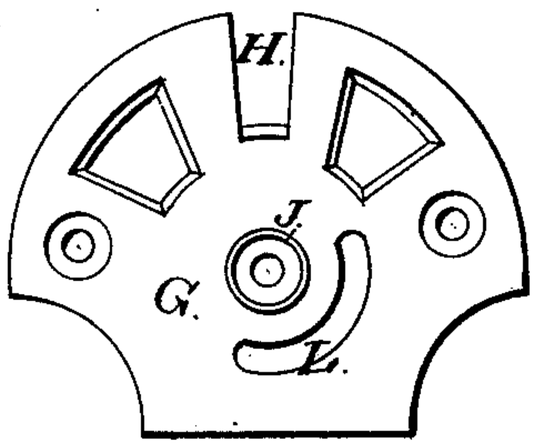

Fig. 4.

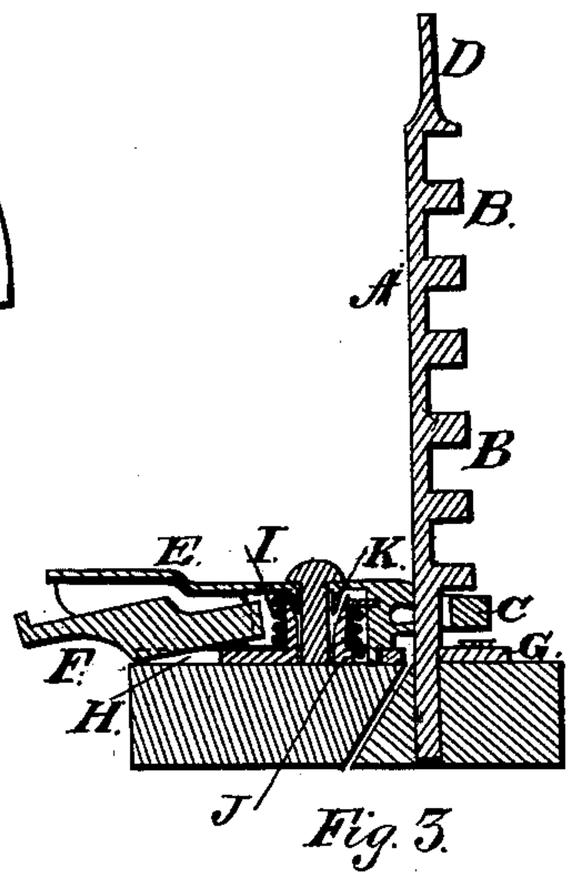

Fig. 3.

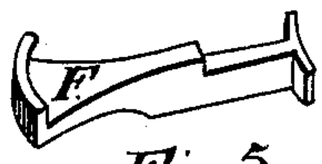

Fig. 5.

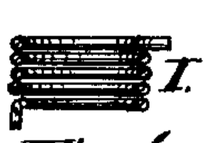

Fig. 6.

Attest:
F. P. Brock.
D. L. Stuart

Inventor:
Charles E. Steller.
per A. McCallum
Attorney:

UNITED STATES PATENT OFFICE.

CHARLES E. STELLER, OF MILWAUKEE, WISCONSIN.

IMPROVEMENT IN FASTENERS FOR MEETING-RAILS OF SASHES.

Specification forming part of Letters Patent No. **206,636,** dated July 30, 1878; application filed March 19, 1878.

To all whom it may concern:

Be it known that I, CHARLES E. STELLER, of the city of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Sash-Locks for the Meeting-Rails of Sashes; and I do hereby declare that the following is a full, clear, and exact description thereof, which 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 letters of reference marked thereon, which form a part of this specification.

Figure 1 of the accompanying drawings represents an elevation of my improved sash-lock. Fig. 2 is a plan view of same. Fig. 3 is a vertical sectional view. Figs. 4, 5, and 6 are enlarged detail views.

The object of my invention is to furnish improvements in sash-locks which will firmly draw together and lock the meeting-rails of a sash both when the upper and lower sashes are closed, and also when either or both are partially opened, and also by which either or both of the sashes may be varied and adjusted in several different positions, as desired, for the purpose of regulating ventilation, and by which the sashes are at the same time so secured together that they cannot be further opened from the outside.

The said invention consists in an improvement upon my sash-lock for which I have received Letters Patent of the United States bearing date January 1, 1878, numbered 198,861, and which invention is fully set forth and described therein, the present invention being reduced to greater simplicity in the construction of its parts.

A is the striking-plate or adjusting-standard, which is provided with a greater or less number of stops or shoulders, B. C is an adjusting-hook, which, when it is made to engage below the lower shoulder, locks the sash in a closed position. When the hook is to engage between either of the upper shoulders, the sashes are locked together in a position partially opened, so as to admit drafts of fresh air for the purposes of ventilation. The standard A is also provided with a lift, D, or its equivalent, by which the sashes are adjusted in any desirable position for locking. E is the swinging lever, which is constructed in one piece with the hook C. It is provided with a latch, F, which is simply inserted loosely between the walls of the swinging lever E, and is moved by the lever upon the base-plate G, and locks the swinging lever by simply dropping of its own gravity into the slot H of the base-plate, thus securing the adjusting-hook in the standard.

By referring to the specification of said Patent No. 198,861, it is obvious that by this improvement I have dispensed with sliding bolt, knob, spiral spring, and catch-segment. The lever is unlocked simply by pressing slightly against the under side of the latch F, which raises it out of the slot H, when the lever is thrown out of the locking position by the spiral spring I.

In the former device the spring operating the sliding bolt bears against the flange, and interferes with the free action of the central spring in throwing the lever back, while, by the employment of a latch, the action of the central spring is free, quick, and sure; also, by the change of the point of locking from near the center to the end of the lever, the same is held more securely in its place than by a catch-segment near the turning-point of the lever, and in operation it is more convenient to lift the latch than to draw a knob. The base-plate G is provided with a funnel-shaped sleeve, J, fitting into which is a similar sleeve, K, projecting from the lever, through both of which sleeves passes the rivet, which must be loosely fitted to the lever, so that the lever may act freely. The sleeves thus become essential to the steady movement and strength of the device.

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

In a sash-fastener, the lever E, having the sleeve K, and the plate G, having the sleeve J, in combination with the standard A, latch F, and spring I, substantially as shown and described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

CHARLES E. STELLER.

Witnesses:
JAS. B. ERWIN,
O. E. WOODBURY.