

J. G. SPATHELF.
Sash-Fasteners.

No. 146,211.

Patented Jan. 6, 1874.

Fig. 1.

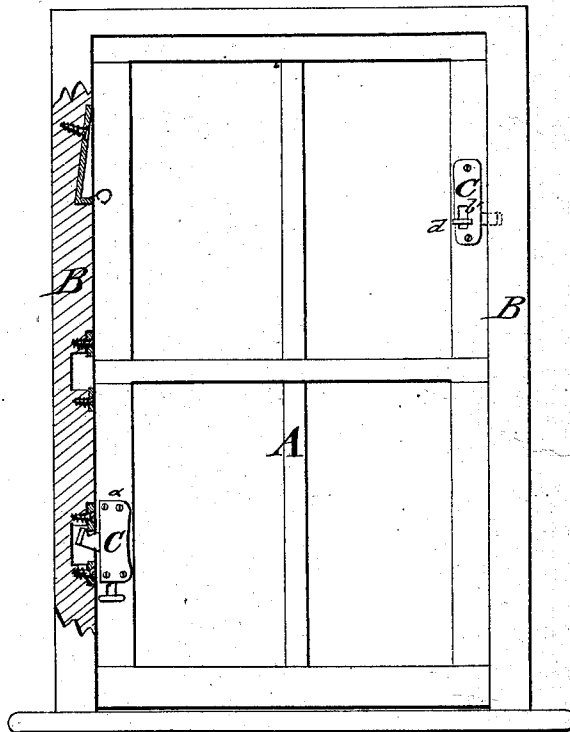
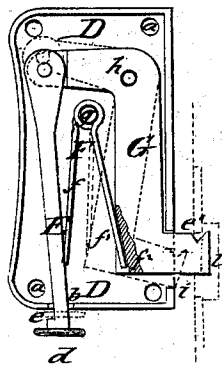


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

JOHN G. SPATHELF, OF SANDUSKY, OHIO.

IMPROVEMENT IN SASH-FASTENERS.

Specification forming part of Letters Patent No. **146,211**, dated January 6, 1874; application filed September 6, 1873.

To all whom it may concern:

Be it known that I, JOHN G. SPATHELF, of Sandusky, in the county of Erie and State of Ohio, have invented a new and Improved Sash-Fastener, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a front view of a window, partly in section, to show arrangement of my improved sash-fastener. Fig. 2 is a side view of my sash-fastening detached, to show interior construction.

Similar letters of reference indicate corresponding parts.

The object of my invention is to furnish for general use an improved sash-fastening, which is simple, neat, and durable in construction, and very effective in its working. My invention consists of a casing with bolt and lever arrangement, which catches into recesses of the window-frame, and is withdrawn by pressure of the finger upon it, returning into the original position by a suitable spring.

In the drawing, A represents the window; B, the outer window-frame. To the sash of the window A is applied the fastener C, which consists of the casing D, of suitable material and oblong form, embellished to produce an ornamental appearance. Casing D is connected to the sash by screws *a*. When placed on the sash, the lever-rod E projects, with its knob or button *d*, through an aperture, *b*, at the end of casing D. Lever-rod E is provided with a notch, *e*, near button *d*, so that it locks over casing D by the pressure of leg *f* of coiled spring F, which is placed on lug *g* of casing

D. The unlocking of the fastener by accidental jerking or otherwise is thereby avoided. The end of lever-rod E is pivoted to the inside end of double bell-crank lever G, which has its fulcrum at pin or lug *h* of casing D. Its middle part is acted upon by leg *f*¹ of spring F, which is guided in groove *f*², so that the other outwardly-extending end of lever G is forced through recess *i* of the side of casing D. It engages thereby with suitable rectangular or triangular recesses, which are set at suitable distance into the window-frame B. The projecting end of lever G is also notched at *e'*, the inclination produced thereby increasing the efficiency of the fastener, and the easier withdrawal of the lever G on pressing button *d*. A side projection, *l*, at projecting end of lever G, also serves to more securely lock lever G. The pressure on button *d* will force the end of lever G into casing D, drawing it out of the recess of frame B, so that the window may be raised or lowered, as desired. On releasing button *d*, the action of spring F will force lever G into the next recess, fastening thereby the window at that point.

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

The sash-fastener consisting of casing D, lever-rod E, double bell-crank lever G, and spring F, substantially as and for the purpose described.

JOHN G. SPATHELF.

Witnesses:

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