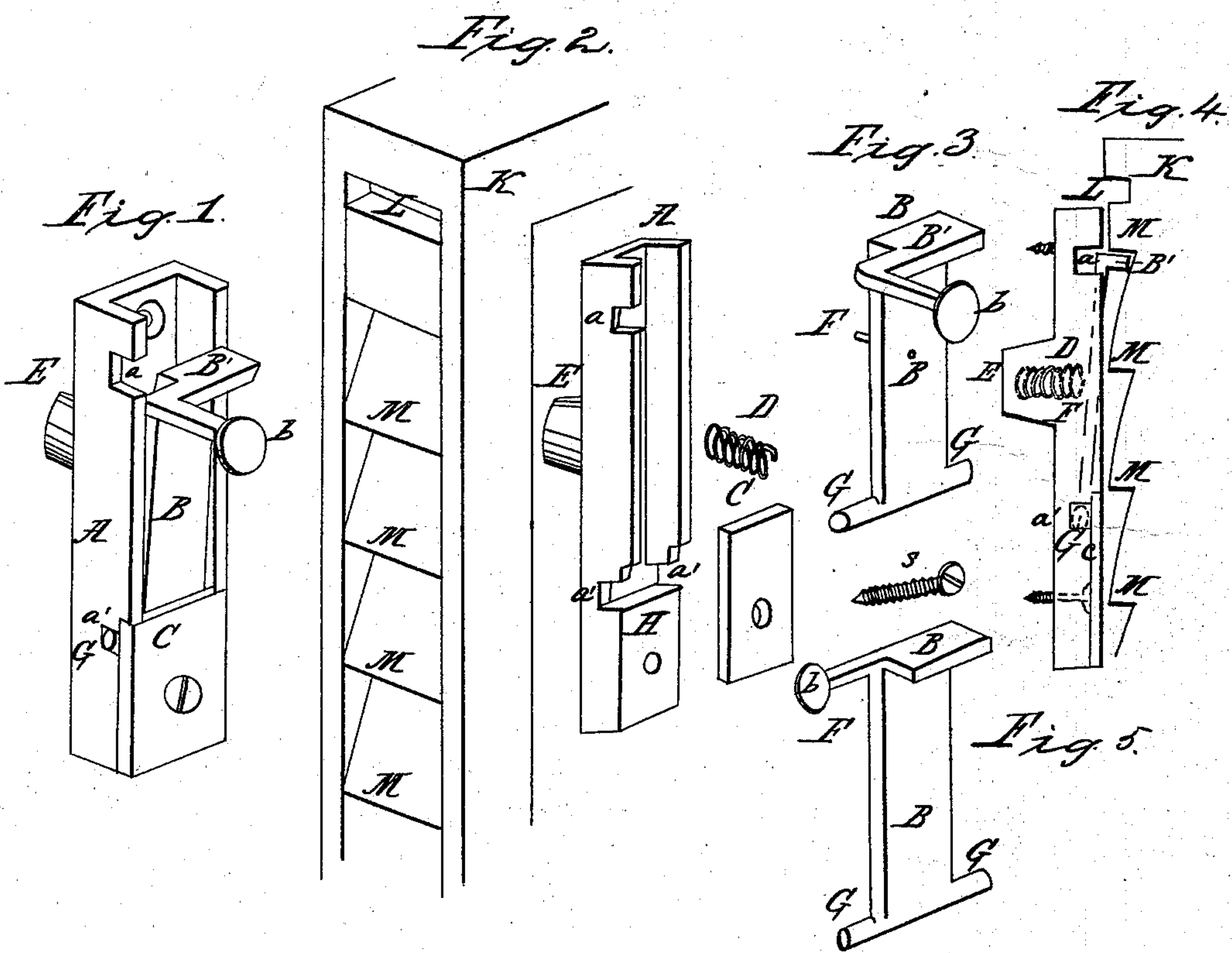


*R. F. Brown,*

*Sash Fastener.*

*N<sup>o</sup> 61,923.*

*Patented Feb. 12, 1867.*



*Witnesses:*  
*James*  
*George Schock*

*Inventor:*  
*Robert A. Brown*



# United States Patent Office.

REUBEN F. BROWN, OF LEWISBURG, PENNSYLVANIA.

*Letters Patent No. 61,923, dated February 12, 1867.*

## IMPROVED SASH-SPRING 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, REUBEN F. BROWN, of Lewisburg, in Union county, in the State of Pennsylvania, have invented a new and improved arrangement in the construction of Sash Springs for Windows; and I do hereby declare that the following is a full and exact description thereof, reference to the accompanying drawings being had, making a part of this specification, in which—

Figure 1 is a perspective view of the casing and its spring latch.

Figure 2, the lock-catch and ratchet groove on edge of the window sash.

Figure 3, the casing A, latch B, plate C, and spring D, shown detached.

Figure 4, a profile view of the latch and notched sash of the window frame.

The object in getting up this latch or sash spring was with a view to supply builders through the trade with a more durable article than those in use, made in such a manner as to support the weight of the sash upon a solid base in the casing, and not to affect the spring in its bearing the weight, and otherwise to simplify the same, and increase the strength and durability of the combined parts.

The drawings clearly show the construction, and will enable any one skilled in the art to make and apply my invention, which simply consists in an open casing, A, with a notch, *a*, above, for the entrance of the head of the latch B', entering between the raised flanges on both sides, say two-thirds of its entire length, forming the upper portion or open case. The basal portion H is solid, the thickness of the covering plate C, lower than the raised side flanges or box portion in a recess, *a'*, on each side above the base for the entrance of the lugs G cast on the latch B, forming the pivot of motion, resting on the solid base, and held in place by the covering plate C by the lower screw *s* that secures the casing. There is also a conic socket, E, on the back, for the reception of a spiral spring, D, which latter is loosely set in and acts against the latch B, to press it forward. The latch B itself is cast in one piece, with its pivot ends G, catch-head B', and thumb-handle *b*, (or pressing knob.) There is also a projecting peg or pin, F, cast on the latch, which enters the open coil of the spring, to confine its action and secure its position. The parts being separately cast, and coils of the spring made, the fitting up or putting together is so simple that the dropping the spring D into the socket E, placing the pin F on the latch into the coil of the spring, and the pivot lugs G in the lower notches *a'*, resting on the solid base H, and laying on the covering plate C, and inserting the screw *s*, and the latch is completed. This can be done after the casing A E is inserted into the wood, so as to be flush with the window frame, and secured by the upper screw. The ratchet teeth M, on the edge of the sash K, may be of any desired distance apart, and centrally cut in, or otherwise made. An upper lock-catch may be cut in, marked L, so that the latch will lock the window when down, and prevent its being raised from the outside. The latch for the upper sash is simply modified in the handled knob *b* to adapt it to the raising of the lower sash in the ordinary manner, shown by Figure 5, to press in flush with the case.

I am aware that there are a number of devices for sash fasteners, some embracing similar parts, but differently arranged. It is the manner in which I arrange the parts with respect to each other in which the novelty consists, securing a greater power of resistance by resting the supporting latch on a solid base, the action of the spring being simply exerted against the back of the latch, which is fitted between the side flanges of the upper box portion of the casing, as set forth. It is this combination of the parts that constitutes this spring or holder—a new article to the trade—which is highly desirable on account of its simplicity, strength, and durability. I, therefore, do not claim any part thereof separately considered.

What I claim as my invention, and desire to secure by Letters Patent, as a new article of manufacture, is—

The arrangement and combination of the casing A, with its solid base H and notches *a a'*, latch B, spring D, covering plate C, all constructed and operating in the manner and for the purpose specified.

REUBEN F. BROWN.

Witnesses:

JNO. WALES,

GEORGE SCHOCK.