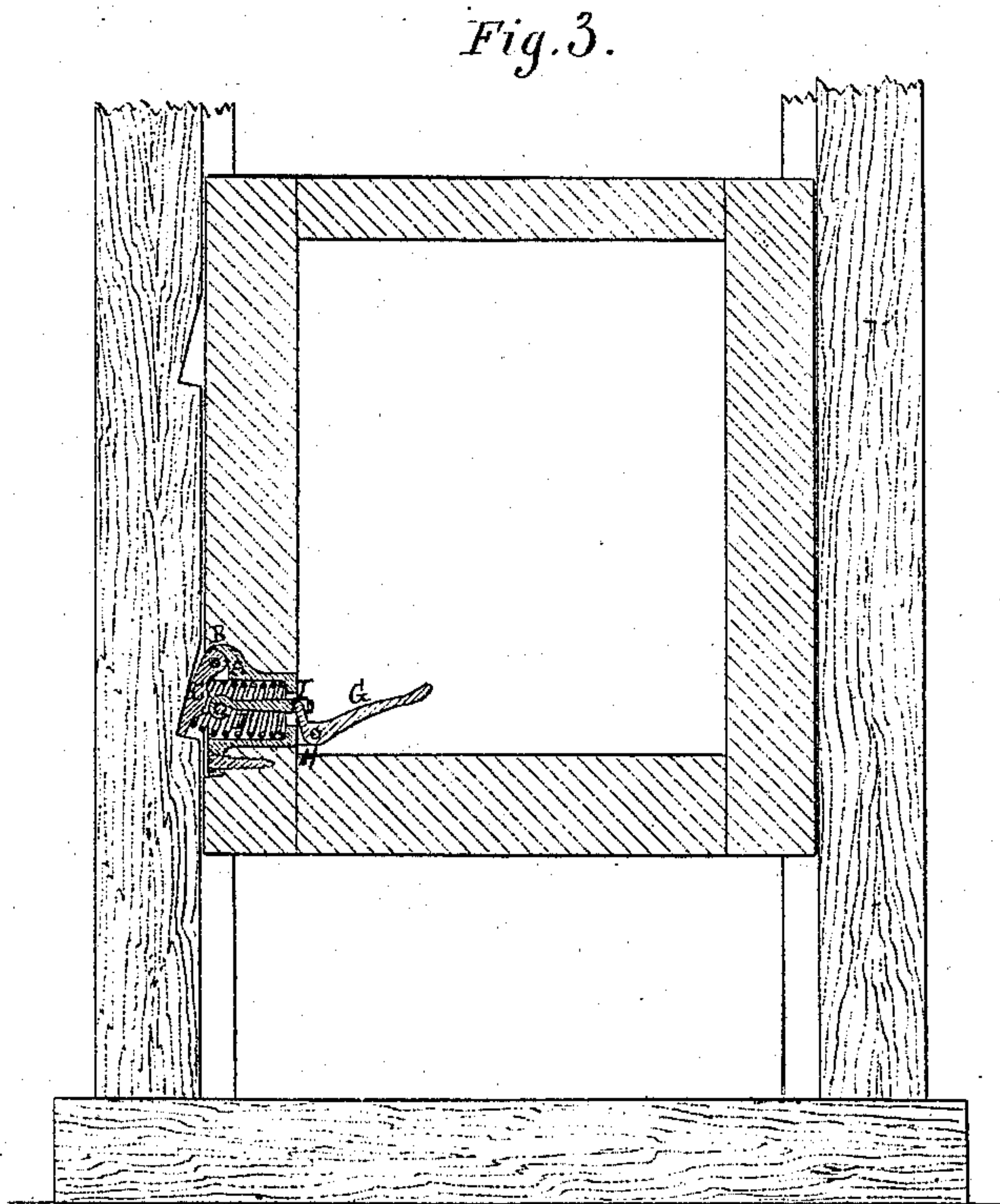
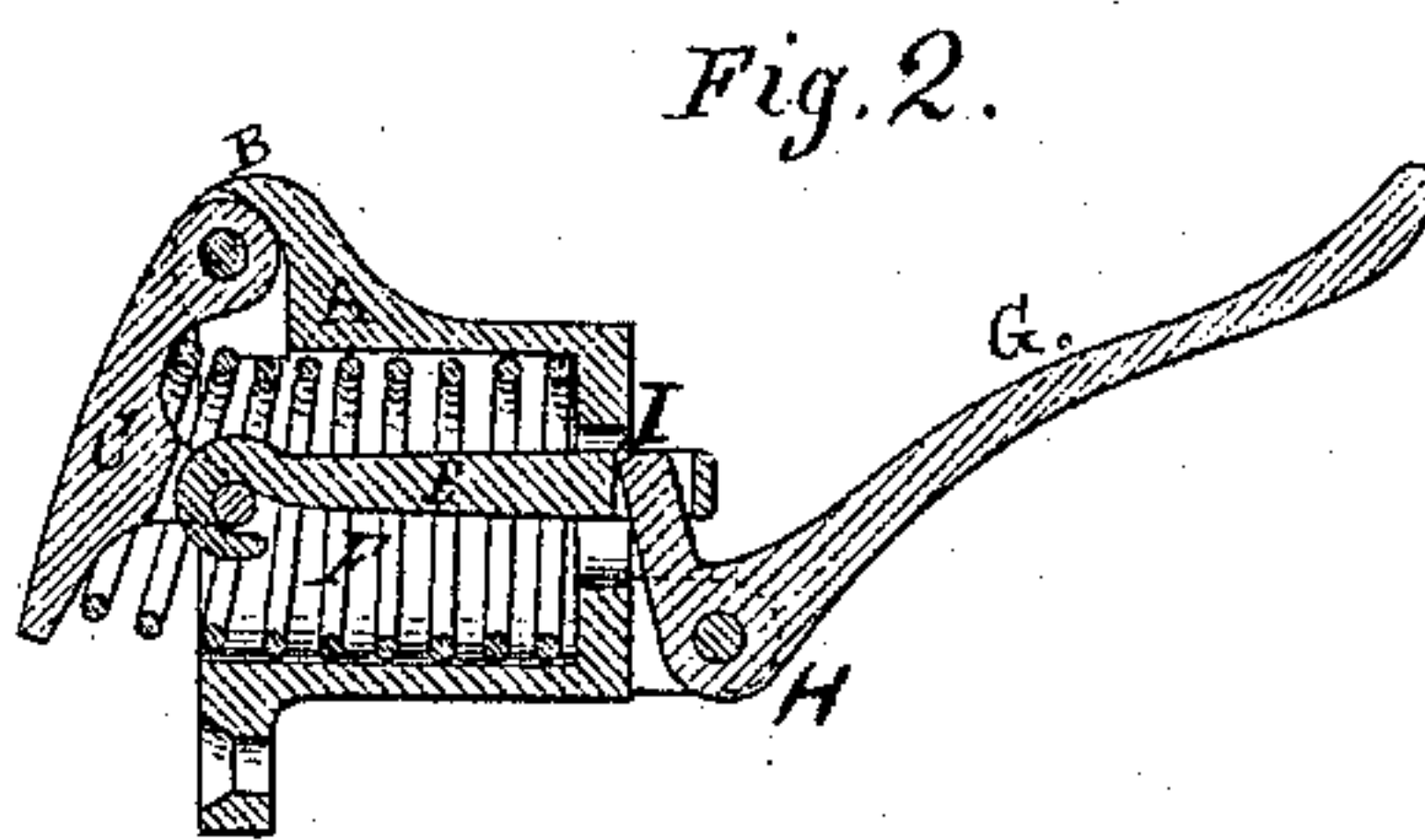
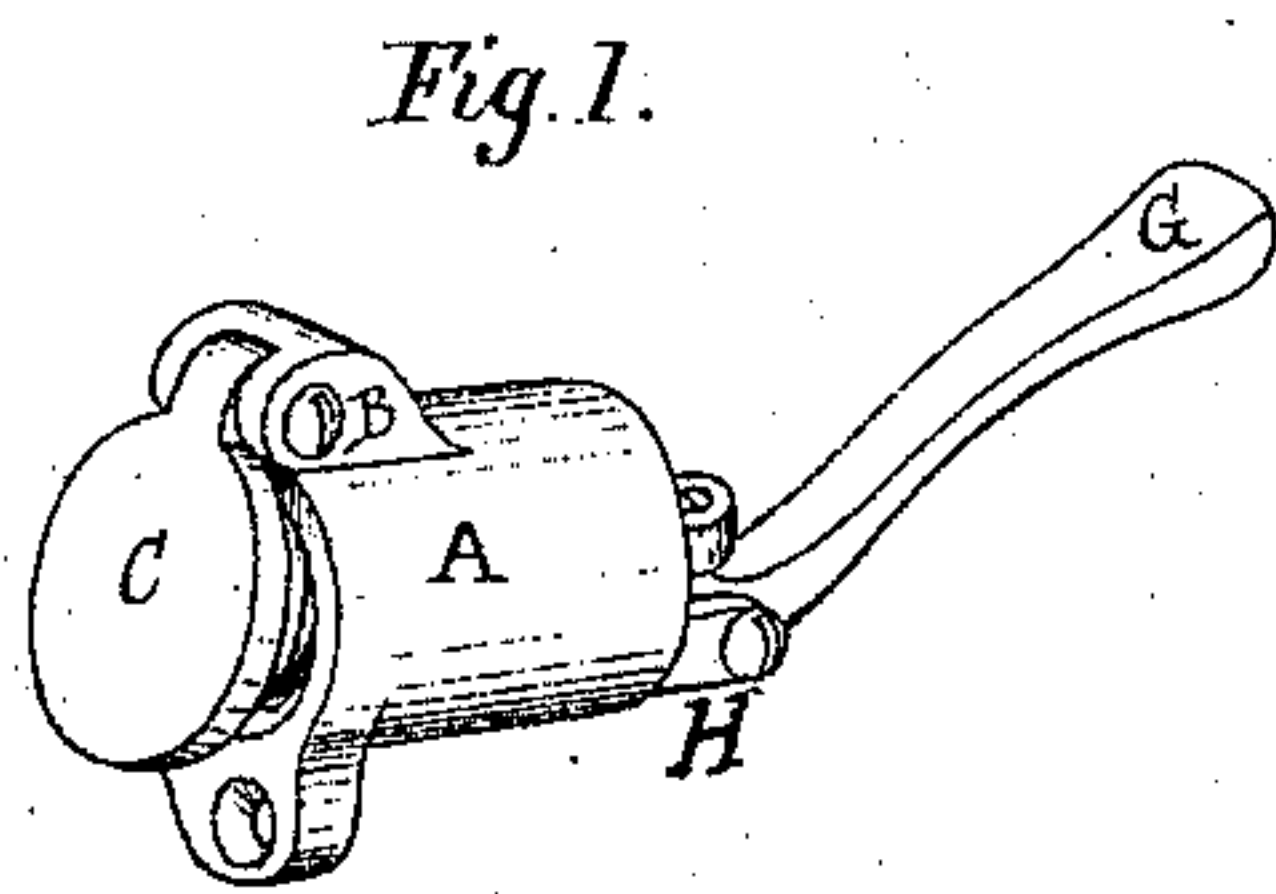


*C. Bean,*  
*Sash Fastener.*  
*No. 99815.                      Patented Feb. 15. 1870.*



*Witnesses*  
*Phil. F. Lynner,*  
*Frank A. Jackson*

*Inventor* *Charles Bean*  
*Per Atty. Wm. C. Wood*

# United States Patent Office.

CHARLES BEAN, OF NORTH PROVIDENCE, ASSIGNOR FOR ONE-HALF TO  
JAMES LANGLEY, JR., OF PROVIDENCE, RHODE ISLAND.

*Letters Patent No. 99,815, dated February 15, 1870.*

## IMPROVEMENT IN SASH-HOLDERS.

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, CHARLES BEAN, of the town of North Providence, in the county of Providence, and State of Rhode Island, have invented a new and useful Improvement in Sash-Fasteners; and I do hereby declare the following to be a full, clear, and exact description thereof, sufficient to enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawing, forming a part of this specification, and in which—

Figure 1 is a view in perspective of one of my sash-fasteners complete;

Figure 2, a central vertical section of the same; and

Figure 3, a view of a window-sash, in section, with my improved fastener applied thereto.

Similar letters of reference indicate corresponding parts in the several figures.

In the drawing—

A represents a cylindrical casing, so formed as to admit of its being economically yet securely inserted into the stile of a sash, without much if any cutting being requisite.

B is a projection cast upon the casing for the purpose of securing it to the window-sash.

C is a hinged flap attached by a hinge-joint to the casing A at D.

E is a rod connecting the flap C with an operating lever or thumb-piece.

F is a spiral expansion spring placed around the rod E, and arranged to press between the inner end of casing A and inner side of flap C.

G is the operating lever or thumb-piece mounted on bearings H, and provided with a projection, I, which connects with an eye formed in the end of the rod E.

The fastener should be placed in the stile of the sash adjacent to the cross-bar, the lever being left projecting upon the outside parallel with the glass. The window may be held at any height by the engaging of the flap with suitable recesses in the window-frame.

I am aware that window-fasteners having a hinged flap, spring, connecting-rod, and knob, have heretofore been constructed, and also that a hinged flap, spring, connecting-rod, and crank-lever have so been combined as to produce similar results. In each of these cases, however, a separate and distinct pressure was necessary for first disengaging the fastening device from the window-frame, and then for the purpose of raising the sash still another separate force was requisite.

By the arrangement of my lever with relation to the hinged flap, a pressure requisite for disengaging the same from contact with the window-frame, if continued, will elevate sash. I have, also, by the arrangement of the parts, sought to embrace them all within a cylindrical case, thus producing a compact, simple, durable, and inexpensive sash-fastener.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

As a new article of manufacture, the improved sash-fastener herein described; consisting essentially of the cylindrical casing A, hinged flap C hinged directly to it, connecting-rod E, spring F, and lever G, also pivoted to the casing, all constructed and operating as and for the purposes specified.

CHARLES BEAN.

Witnesses:

HENRY W. ALLEN,  
STEPHEN ESSEX.