

S. M. Richards,

Sash Fastener.

N^o 69,840.

Patented Oct. 15, 1867.

Fig 1

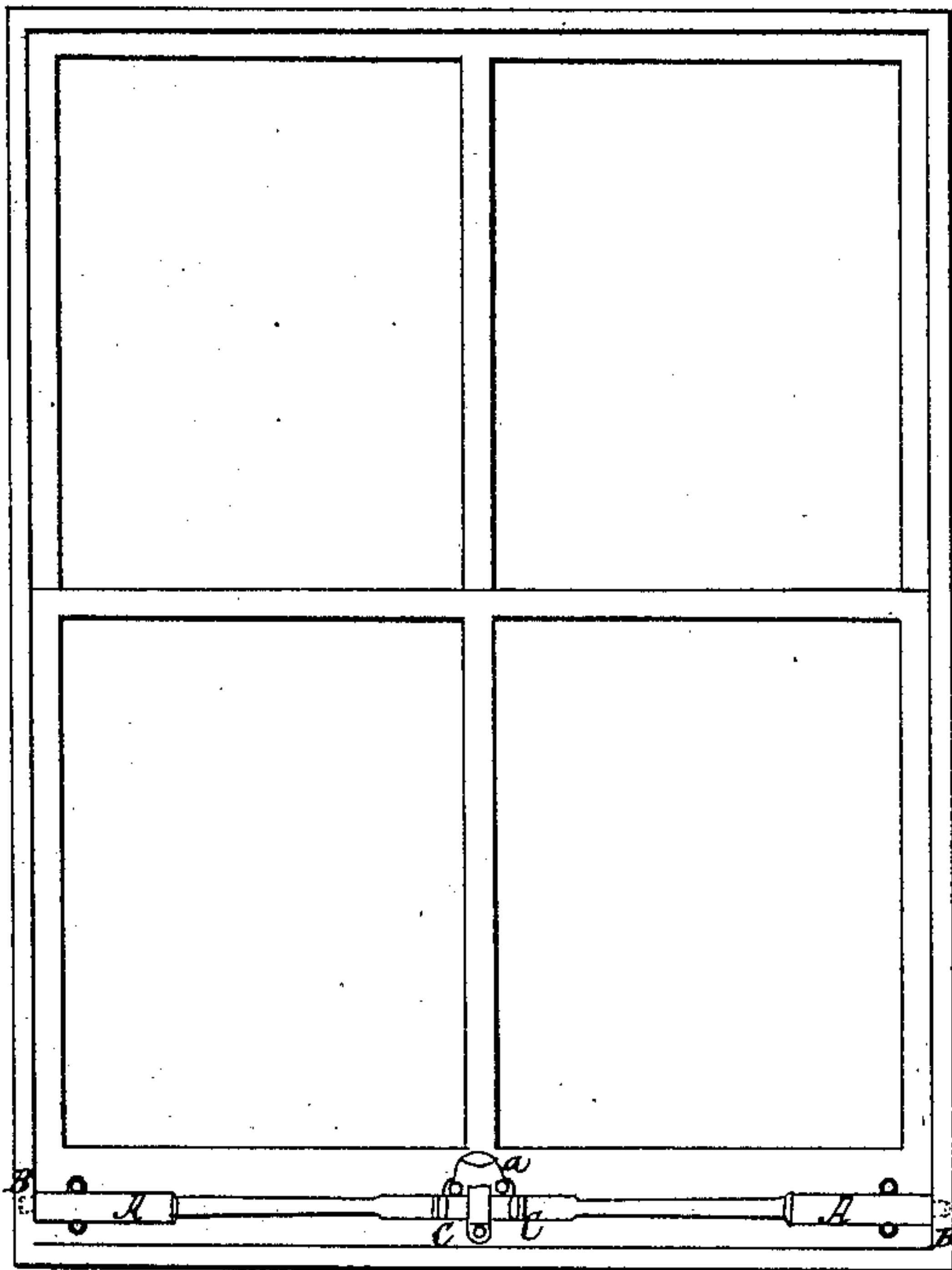


Fig 2

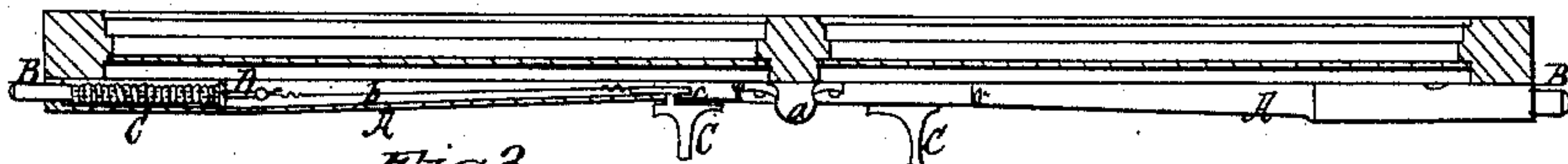
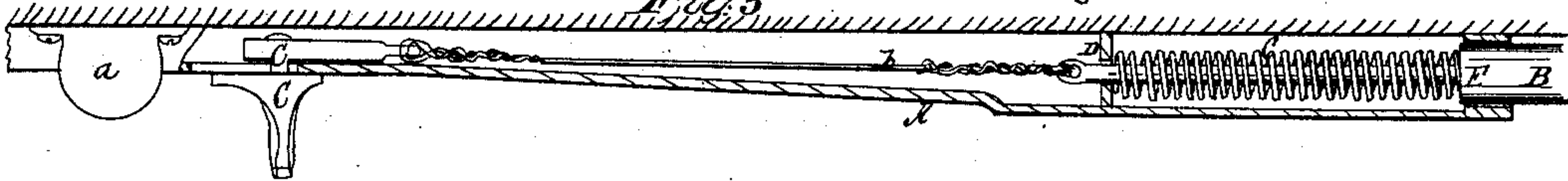


Fig 3



Witnesses:
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STEPHEN M. RICHARDS, OF CHICAGO, ILLINOIS.

Letters Patent No. 69,840, dated October 15, 1867; antedated October 4, 1867.

IMPROVEMENT IN SASH-FASTENERS.

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, STEPHEN M. RICHARDS, of Chicago, in the county of Cook, and State of Illinois, have invented a new and useful Improvement in Sash-Fasteners; and I do hereby declare and make known that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings and the letters and figures marked thereon, which form part of this specification.

My invention consists in a new and useful device for fastening or securing window-sash in any desired position in the window-frame, comprising two sliding catches, operated upon by means of suitable springs and connected with suitable movable knobs or projections, so that while the springs aforesaid press said catches against the sides of the window-frame, or into suitable holes or sockets therein, thus holding the sash in place, by simply pressing upon the knobs connected with said catches they are withdrawn from contact with the window-frame, so that the sash can be raised or lowered as desired, when, by releasing said knobs, the said catches are thrown into place by the action of the said springs, and the sash is again secured.

To enable those skilled in the art to construct and use my invention, I will proceed to describe the same with particularity, making reference in so doing to the aforesaid drawings, in which—

Figure 1 represents a side elevation of my invention as applied upon a window.

Figure 2 a top view of the same, partly in section; and

Figure 3 is an enlarged sectional view of the same.

Similar letters of reference in the several figures denote the same parts of my invention.

My improved sash-fastener is designed to be applied upon the lower part of the window-sash, and A represents any suitable case or enclosure for covering and protecting the operating parts, which are arranged and concealed within the said case, which may be constructed of any suitable material and design, and silver-plated or bronzed, as desired, and is secured upon the sash, as shown, or in any other suitable manner. B represent the aforesaid sliding catches, which project out through the ends of the case A, and have their ends constructed of rubber or other suitable elastic material, if desired. These sliding catches are connected, by means of wires *b* or their equivalent, to the finger and thumb-latches or slides C, the shanks *c* of said slides passing through appropriate slots in the case A, which enable them to have a lateral reciprocating movement, so that, by pressing the said latches C together, the catches B are withdrawn from the casing or jambs of the window, so that said window or sash may be raised or lowered, as desired, *a* representing a projection or lifter whereby the moving of the sash is effected.

When the latches are released the spring *s*, one end of which rests upon a shoulder on the catches B, at E, and the other end upon or against the stops D in the case, act to throw said catches B back against the window-jambs with sufficient force to hold them in the desired position, and effectually prevent all rattling and jarring of the sash.

By having suitable holes in the jambs to receive the catches B, the windows may be effectually locked, so as to render it impossible to open the windows from the outside.

The invention herein described is especially designed for use upon the windows of railroad cars, where it is inexpedient to arrange the movable catches in a groove within the sash, as has been done heretofore, and hence the present invention consists in a novel means of securing the apparatus upon the sash, which is done, as shown, by constructing a suitable ornamental or plated sheath, as before mentioned, and marked A, which is applied upon the sash externally, and can hence be readily removed for repairs, when needed, as desired.

Having described my invention, I will now specify what I claim and desire to secure by Letters Patent:

I claim the combination of the sliding catches B B, knobs C C, and springs S S, with the exterior metallic sheath or enclosure A, substantially as and for the purposes described.

STEPHEN M. RICHARDS.

Witnesses:

W. E. MARRS,

J. H. HERTHEL.