

(No Model.)

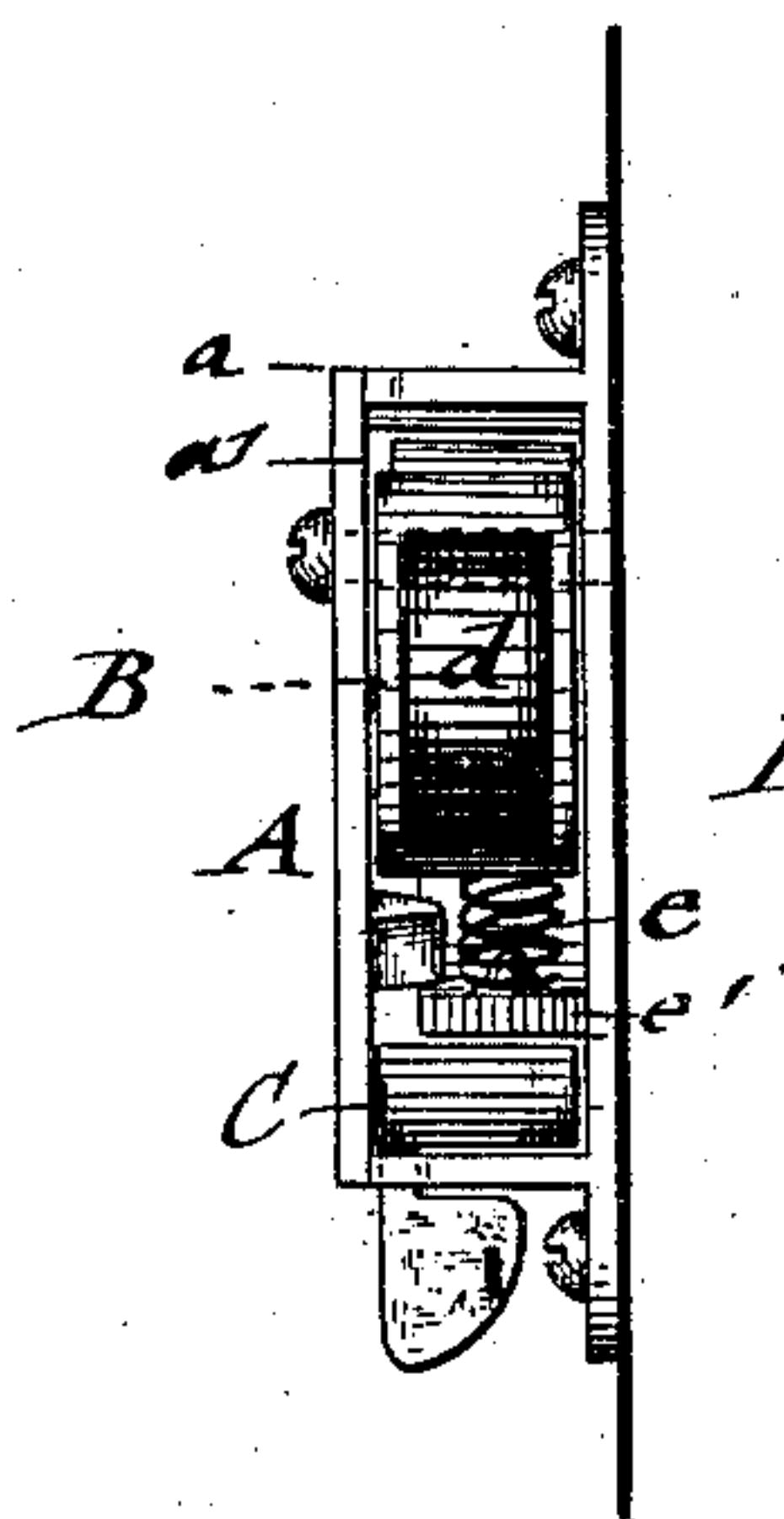
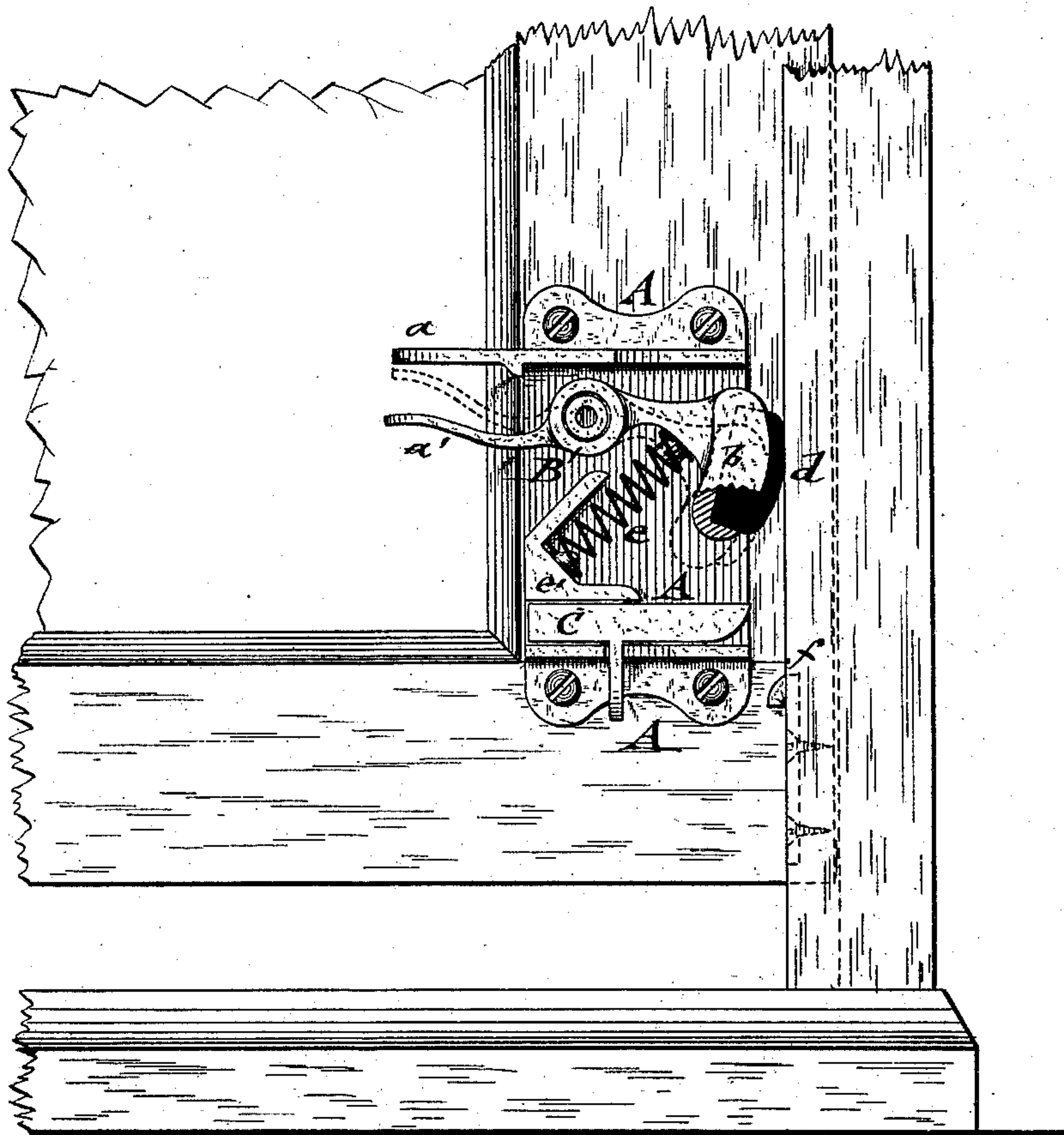
F. W. QUITMAN.

SASH HOLDER.

No. 257,382.

Patented May 2, 1882.

*Fig. 1.*



*Fig. 2.*

WITNESSES:

*Joh. H. Rosenbaum.*

*Otto F. Pisch.*

INVENTOR

*Frederick W. Quitman*

BY

*Paul Goepel.*

ATTORNEY

# UNITED STATES PATENT OFFICE.

FREDERICK W. QUITMAN, OF SOUTH NORWALK, CONNECTICUT.

## SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 257,382, dated May 2, 1882.

Application filed January 27, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK W. QUITMAN, of South Norwalk, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Window-Sash Fasteners, of which the following is a specification.

This invention has reference to an improved sash-fastener for the windows of railroad-cars and other purposes; and the invention consists in certain peculiarities of construction herein-after pointed out in the claim.

In the accompanying drawings, Figure 1 represents a front elevation of my improved window-sash fastener with the covering-plate removed, and Fig. 2 an end view of the same.

Similar letters of reference indicate corresponding parts.

A in the drawings represents the casing of my improved sash-fastener, which is screwed to the window-sash. The casing A is open at both sides, but closed by top and bottom walls,  $a^2$   $h$ , the former of which is extended inwardly, so as to form a finger-rest, while the latter serves as a rest for a locking-bolt. A lever, B, is fulcrumed to the casing and extended at both sides of the same. The inner end of the lever B forms a handle,  $a'$ , which is arranged below the finger-rest  $a$  of the casing. The outer end,  $b$ , of the lever B is made of segmental or cam shape and provided with a recess or socket for the insertion of an elastic jaw,  $d$ , of rubber, cork, or other suitable material. This jaw  $d$  is carried into wedge contact with the window-frame by the weight of the sash. By taking hold of the finger-rest  $a$  and handle  $a'$  of the lever B the segmental or cam-shaped end  $b$  of the lever B is drawn away from the window-frame, so that the elastic jaw or facing clears the latter and permits the raising or lowering of the sash. A spiral spring,  $e$ , which is seated in a socket,  $e'$ , of the casing and arranged to press upon the cam end of the lever B, serves to force the cam end of the same in outward direction when the handle end is released by the fingers. The socket  $e'$  for the spring is preferably cast in the casing, and is provided with an upwardly-inclined arm,  $e^2$ ,

which protects the spring, and with a horizontal arm,  $e^3$ , which serves as a guide for a sliding latch.

At the lower part of the casing is guided a sliding latch, C, by which the sash may be locked to the window-frame when in closed position, the latch entering either a socket or engaging a lip or projection,  $f$ , of the window-frame, as customary in sash-fasteners of this class.

When it is desired to open the sash the latch is first withdrawn and then the inner or handle end of the lever taken hold of, in connection with the finger-rest of the casing, so as to withdraw the jaw of the lever from contact with the window-frame.

The sash may be locked at any desired height by simply releasing the fulcrumed lever as the spring forces the elastic jaw of the lever against the window-frame, the jaw then binding upon the latter and holding the sash securely in position.

I am aware that sash-holders have heretofore been made with an inwardly-projecting finger attached to the case and with a spring-actuated cam-lever which is adapted to be grasped in connection with said finger.

I am also aware that it is not new to provide sash-fasteners with an independent supplemental sliding bolt.

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

A sash-fastener consisting of the plate A, provided with a horizontal rearwardly-extended finger-rest,  $a$ , a horizontal slotted wall,  $h$ , and a socket,  $e'$ , the lower side of which forms a bolt-guide, the pivoted cam-lever B, provided with a handle,  $a'$ , the spring  $e$ , interposed between the socket  $e'$  and lever B, and the horizontal bolt C, having a downwardly-projecting handle,  $k$ , substantially as described.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

FREDERICK W. QUITMAN.

Witnesses:

PAUL GOEPEL,  
CARL KARP.