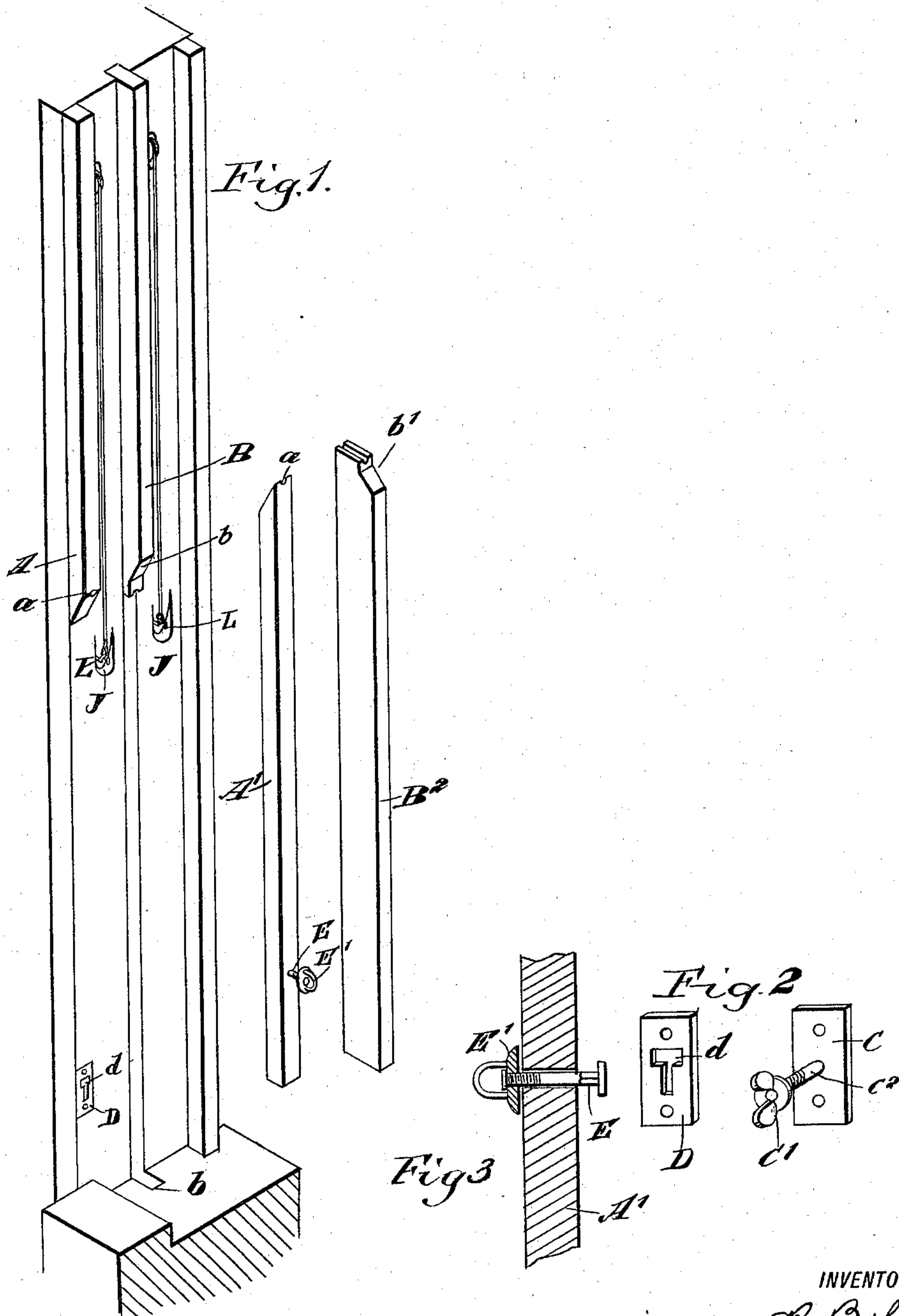


(No Model.)

R. BOHRISCH.
SASH HOLDING OR REMOVING DEVICE.

No. 590,086.

Patented Sept. 14, 1897.



WITNESSES:

L. N. Legendre
H. L. Reynolds.

INVENTOR

R. Bohrisch

BY

Munn & Co.

ATTORNEYS.

UNITED STATES PATENT OFFICE.

RICHARD BOHRISCH, OF LAS VEGAS, TERRITORY OF NEW MEXICO.

SASH HOLDING OR REMOVING DEVICE.

SPECIFICATION forming part of Letters Patent No. 590,086, dated September 14, 1897.

Application filed October 2, 1896. Serial No. 607,628. (No model.)

To all whom it may concern:

Be it known that I, RICHARD BOHRISCH, of East Las Vegas, in the county of San Miguel and Territory of New Mexico, have invented a new and Improved Sash Holding or Removing Device, of which the following is a full, clear, and exact description.

The purpose of this invention is to provide superior window-beads which will hold a window-sash to slide vertically and which may be removed to permit the removal of the window-sash.

This specification is a disclosure of one specific form of the invention, while the claim defines the scope of the invention.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of a portion of a window-sash having my improvement applied thereto, parts of the window-beads being shown and separated from other parts. Fig. 2 is a perspective view showing a portion of the means for holding the beads in place, and Fig. 3 is a sectional view illustrating a second portion of said means.

The window-frame has a permanent bead A^2 , running vertically near the outer edge of the window-frame and at each side thereof. In the drawings but one side of the frame is shown. Each side of the frame also has two additional beads respectively composed of two sections A and A' and B and B'. The sections A and B of said additional window-beads are rigidly secured in place. The lower edge of the section A is beveled, as shown in Fig. 1, and provided with an opening a , running transversely through the section of the bead. The plate C (shown in Fig. 2) is adapted to be secured rigidly between the window-frame and the lower end of the section A of the innermost window-bead. The plate C has a threaded pin C^2 , which projects through the opening a and section A of the innermost window-bead.

The section A' of the innermost window-bead has its upper end beveled to correspond to the bevel at the lower end of the section A. The upper end of the section A' is also provided with a notch a' , adapted to receive a portion of the bolt or pin C^2 when the section

A' is in place with its beveled upper end lying against the beveled lower end of the section A. A thumb-nut C' works on the pin C^2 and serves to clamp the adjacent ends of the sections A and A' against each other. The lower portion of the section A' is provided with a bolt E, having a head e at its inner end. The outer end of the bolt E is threaded to receive a nut E' . Let into the lower portion of the window-frame is a plate D, which has a T-shaped slot d therein, the slot d leading to a recess in the window-frame. When the section A' is in place, the bolt E, carried thereby, projects through the opening d in the plate D and is locked with the contracted lower portion thereof. At the same time the bolt C^2 and its nut C' serve to hold the upper portion of the section A in place.

The section B' of the intermediate or parting window-bead is provided with a recess b' at its upper end, said recess registering with a similar recess b in the lower end of the stationary section B of the parting window-bead. A duplicate of the plate C in Fig. 2 is seated behind the lower end of the section B, so that the bolt C^2 of said plate will project in matching grooves respectively formed in the contiguous ends of the sections B and B'. At the same time the nut C' of said bolt may lie in the recesses b and b' , so as not to interfere with the operation of the sash. The lower end of the section B' is inserted within an opening b in the base of the window-frame when the section is in position on the window-frame.

By these means the window-sash may be held to slide easily in the beads, and upon receiving the beads the window-sash may be displaced. To permit the use of sash-cords with the invention, I provide each sash-cord with an eye, which is capable of being removably connected with the respective sashes. The window-frame is provided with a recess J for each window-sash. These recesses J respectively carry hooks L, which may engage and hold the sash-cords when the sash is removed, as shown in Fig. 1.

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

A window-frame having an upper window-strip section rigidly secured to the frame and

having a lower end beveled downwardly and outwardly, a plate secured to the window-frame below the upper strip-section and in vertical alinement therewith, the plate having a T-shaped slot, the head of which is uppermost, a lower window-strip section, the upper end of which is beveled upwardly and inwardly from the outer side of the strip so as to match with the beveled lower end of
10 the upper strip-section, and a bolt with a

head capable of entering the head or upper portion of the T-shaped slot in the plate, the bolt being carried by the lower strip-section and moving into the slot of the plate as the lower strip-section is placed in position, substantially as described. 15

RICHARD BOHRISCH.

Witnesses:

GEORGE D. ALLEN,
ALFRED F. SMITH.