

(No Model.)

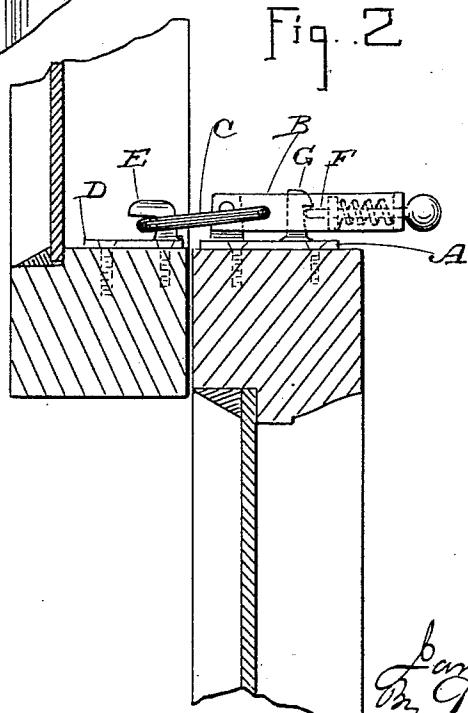
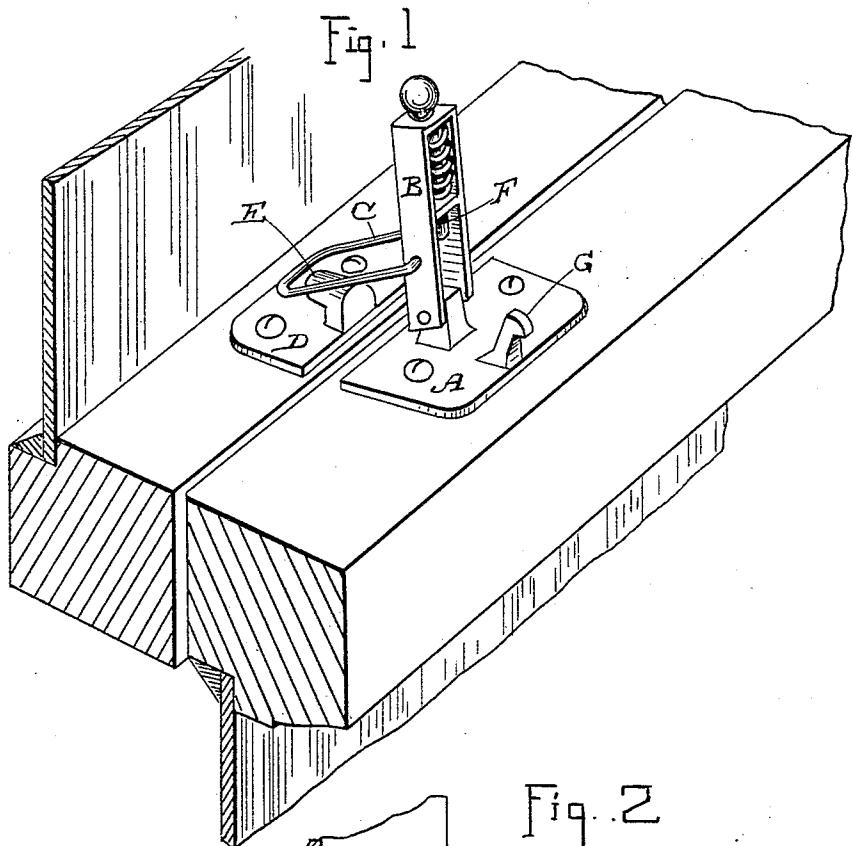
2 Sheets—Sheet 1.

J. C. PLUNKETT.

FASTENER FOR THE MEETING RAILS OF SASHES.

No. 484,235.

Patented Oct. 11, 1892.



Witnesses,
John H. House
J. A. Bayless

Inventor,
James C. Plunkett.
Mr. Dewey & Co.
attn:

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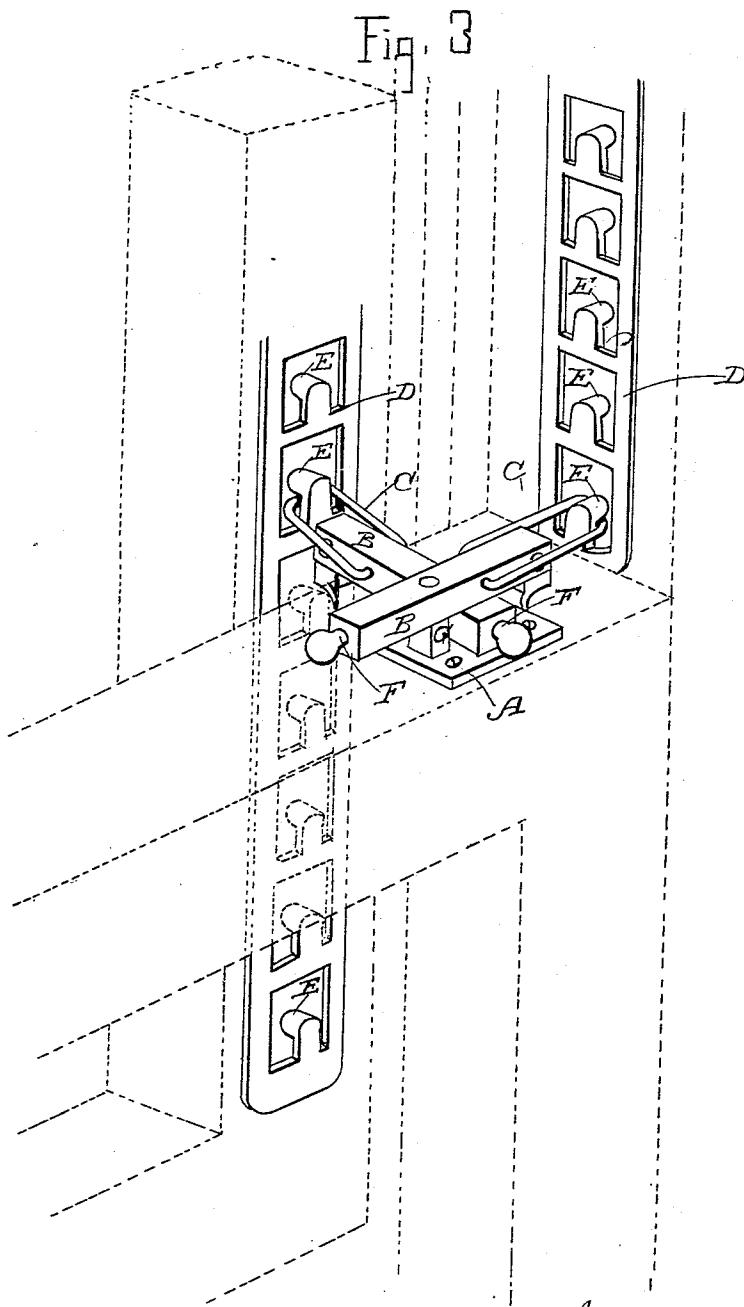
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Attys.

UNITED STATES PATENT OFFICE.

JAMES CALIFORNIA PLUNKETT, OF OAKLAND, CALIFORNIA.

FASTENER FOR THE MEETING-RAILS OF SASHES.

SPECIFICATION forming part of Letters Patent No. 484,235, dated October 11, 1892.

Application filed March 21, 1892. Serial No. 425,825. (No model.)

To all whom it may concern:

Be it known that I, JAMES CALIFORNIA PLUNKETT, a citizen of the United States, residing at Oakland, Alameda county, State of California, have invented an Improvement in Sash-Fasteners; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to certain improvements in devices for locking and securing window-sashes with relation to each other.

It consists in certain details of construction, which will be more fully explained by reference to the accompanying drawings, in

which—

Figure 1 is a view of my device, showing its attachment to the upper and lower sash with the bar B thrown up and the loop C about to engage the catch E. Fig. 2 is a side view showing the bar thrown down and the loop engaging the catch holding the sashes together. Fig. 3 is a perspective view showing the arrangement for holding the sash when one or the other is raised or lowered, 25 the sash being shown in dotted lines.

A is a plate, which is securely fastened upon the top of the lower of the two sliding sashes of a window. To this plate are hinged one or more locking-bars with their connected

30 devices. In Fig. 1 I have shown the bar B, having one end fulcrumed to the side of the plate A and having a link C, which is loosely connected with the bar a short distance from its fulcrum. Upon the opposite or upper sash is fixed a second plate D, having a hook-shaped lug or spur E upon its upper surface and on line with the free end of the link C, which is attached to the movable bar B.

40 The operation of the device will then be as follows: The bar B being raised into a vertical position will throw the free end of the link C so far over the spur E that it can be dropped down beneath the point of the spur. 45 The bar B is then turned backward about its fulcrum, and this draws the link back against the shank of the spur, thus drawing the two parts of the sash closely together, and by reason of the projecting point of the spur it 50 will be impossible to lift the link out of place. The bar B has within it a sliding spring-actuated bolt F, the point of which slips over

and engages the catch G, which is secured to the front of the plate A and in line in front of the fulcrum-point of the bar B. When the 55 bar B has thus been pushed down into a horizontal position, the spring-bolt will have engaged the catch and it will not be possible to raise the bar or disengage the locking-link until the bolt has been disengaged. The bolt 60 projects through the movable end of the bar B and has a head upon it by which it can be withdrawn to unlatch it whenever desired. When the device is to be applied so as to allow the sashes to be partially opened and 65 locked in such position, the plate A is fixed near one end upon the top of the lower sash, and it has two of the bars B fulcrumed to it at right angles with each other. Each bar is provided with a link C and with a locking- 70 bolt F, and there are also two of the locking-catches G. The bars B are fulcrumed to the plate at right angles with the other, one of them being first turned down and locked and the other turning down across the top of the 75 first one, as shown. The lugs or spurs E in this case are secured to plates D of considerable length, one of which is fixed upon the side of the window-casing and the other is fixed upon the side of the upper sash. These 80 plates may be long enough vertically to carry as many of the locking-spurs E as may be desired, one above the other, as shown. The operation in this case is similar to that previously described.

If the lower sash is to be raised or the upper sash to be lowered from the top, or if one be raised and the other lowered, they are brought to the desired position and the lowermost of the bars B is raised up until the link 90 C will engage with the lug or spur of the corresponding plate, after which the bar is drawn down into a horizontal position and locked, thus clamping the link firmly into the hook or spur with which it is engaged. The other 95 bar is then brought down, its link being engaged with the spur E of the other plate D, and when locked the two sashes will be held firmly and rigidly with relation to each other and also with relation to the window jamb or 100 casing, so that it will be impossible to move either of them. Any degree of opening for either of the sashes may be had and the sashes locked as securely as when entirely closed.

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

1. A window-fastening device consisting of two plates fixed, respectively, to the lower and upper sashes, a hook lug or spur projecting from the plate upon the upper sash, a bar hinged to the plate upon the lower sash, having a link loosely attached to it a short distance from the hinge and adapted to engage the hook upon the upper sash when the bar is in a vertical position, whereby the sashes are drawn and locked together when the bar is in a horizontal position, and a spring-actuated bolt movable within the bar, and a catch upon the front of the plate, to which the bar is hinged for the engagement of the bolt, substantially as herein described.
2. A window-locking device consisting of a plate secured to the top of the lower sash,

having bars B, hinged to it, adapted to fold down upon the plate at right angles with each other, links connected with each of the bars near the hinge-pins, and spring-actuated locking bolts and catches by which the bars are held in a horizontal position, in combination with plates secured to the upper sash and window-easing, respectively, and having hook-shaped lugs E, with which the links are adapted to engage when the bars are in a vertical position and to which they are locked when the bars are in a horizontal position, substantially as herein described.

In witness whereof I have hereunto set my hand.

JAMES CALIFORNIA PLUNKETT.

Witnesses:

CLIFTON A. BALDWIN,
THOS. F. GRABER.