

(No Model.)

J. P. DORAY.
WINDOW FRAME.

No. 570,701.

Patented Nov. 3, 1896.

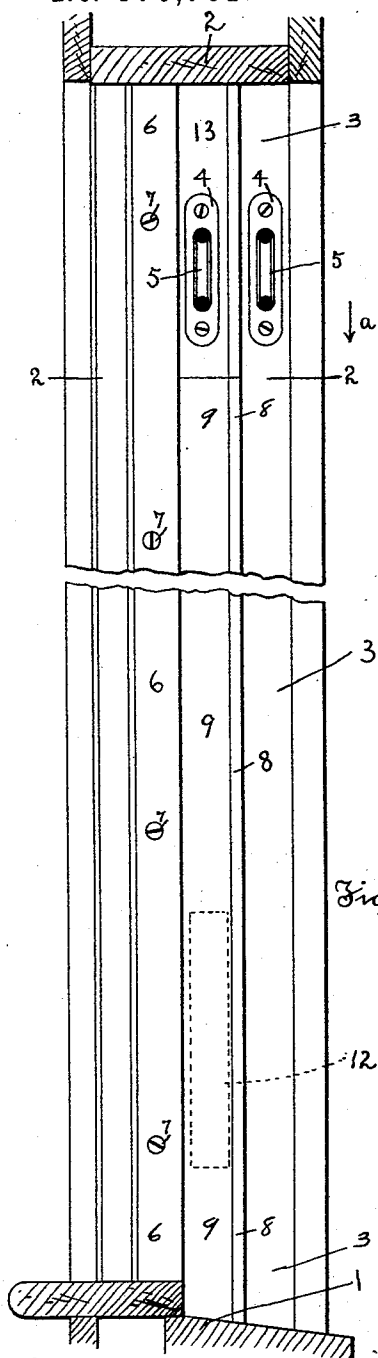


Fig. 1.

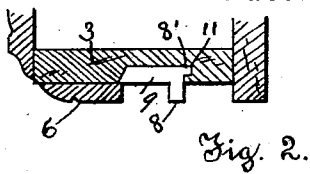


Fig. 2.

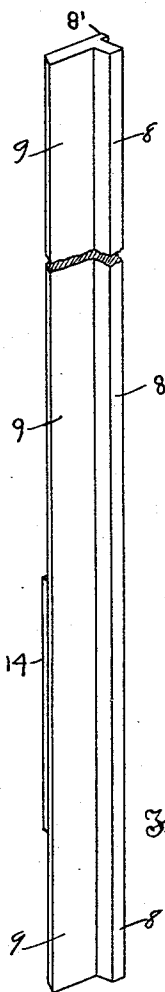


Fig. 3.

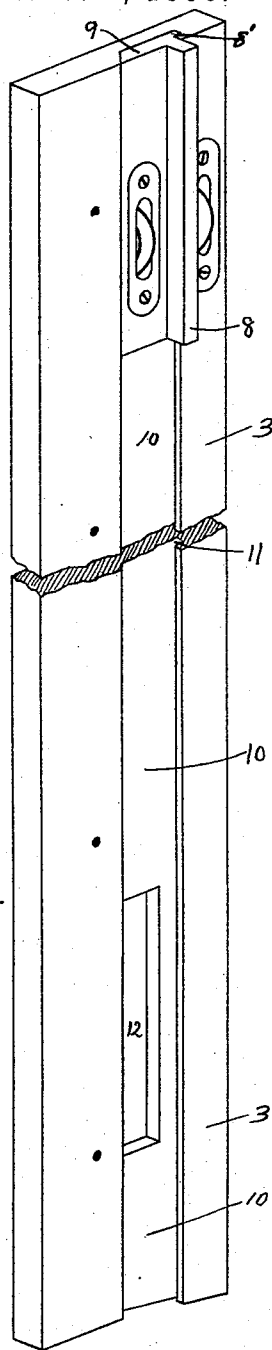


Fig. 4.

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UNITED STATES PATENT OFFICE.

JOSEPH P. DORAY, OF WORCESTER, MASSACHUSETTS.

WINDOW-FRAME.

SPECIFICATION forming part of Letters Patent No. 570,701, dated November 3, 1896.

Application filed March 12, 1896. Serial No. 582,901. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH P. DORAY, a citizen of the United States, residing at Worcester, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Window Frames or Jambs, of which the following is a specification.

In the ordinary construction of a window-frame provided with two window-sashes to be raised and lowered and having weights with flexible connections passing over pulleys mounted in the upper part of the sides or jambs of the frame a parting-bead made separate and detachable from the jamb and fitting in a vertical groove therein is used to separate the sashes, and at the lower part of the jamb an opening is made into the weight-pocket of the lower sash, through which opening the weight for the lower sash and also for the upper sash is inserted and also removed. To close the opening into the weight-pocket, a separate piece is used, which fits into said opening and is secured to the jamb. In practice the parting-bead between the sashes is very apt to work loose and come out, and to remove the upper sash it is necessary to take out said bead, and to put in or take out the weights it is necessary to remove both the parting-bead and the piece which fits into the opening leading into the weight-pocket.

The object of my invention is to improve upon the construction of a window frame or jamb as now ordinarily made, and more particularly to provide a detachable parting-bead, which will be secured in position when the sashes are in the frame and which cannot work out.

My invention consists in certain novel features of construction of a window frame or jamb, as will be hereinafter fully described.

Referring to the drawings, Figure 1 is a front view of the side or jamb of a window-frame embodying my improvements. Fig. 2 is a cross-section on line 2 2, Fig. 1, looking in the direction of arrow *a*, same figure. Fig. 3 is a perspective elevation of the jamb shown in Fig. 1 with the casing-strip and my detachable parting-bead removed. Fig. 4 is my parting-bead detached.

In the accompanying drawings, 1 is a portion of the bottom of a window-frame.

2 is a portion of the top of the frame, and 3 is the side or jamb of the frame, made for two window-sashes, a lower and an upper sash, which can be raised and lowered.

In the upper part of the jamb 3 are secured two pulley-blocks 4, carrying pulleys 5, over which the flexible connections (not shown) between the weights and the sashes (not shown) pass in the ordinary way.

The casing-strip 6 extends upon and is secured by screws 7 to the front side or portion of the frame or jamb 3 in the usual way.

I will now describe my improvement. The side frame or jamb 3 has a groove 10 therein extending the full length thereof upon its inner surface, as shown in Fig. 3. The groove 10 does not extend through the jamb and preferably has one side undercut and the opposite side cut at an angle or inclined. A strip 9, with the parting-bead 8 thereon and formed integral therewith, is made to fit into the groove 10. The strip 9 and parting-bead 8 are detachable from the jamb 3 and are held in the groove 10 preferably by a side flange or extension 8', extending into the undercut portion 11 of the groove 10, and by the casing-strip 6, which extends over the front or beveled edge of the strip 9. (See Fig. 2.) In the lower part of the groove 10 in the jamb 3 an opening 12 is made, which leads into the weight-pocket.

In order to close the opening 12 into the weight-pocket and make an even surface for the weight to slide over, I may secure to the inner side of the jamb-strip 9 the piece 14, which is cut out in making the opening 12, said piece fitting into said opening and held therein by the jamb-strip 9 and parting-bead 8, which extend in the groove 10 in the jamb 3.

In practice I preferably make my detachable parting-bead 8 and jamb-strip 9 to extend the full length of the jamb, but the upper portion 13, where the weight-pulley 5 is mounted, is cut off and secured in the groove 10 in the jamb.

The operation of my detachable parting-bead 8 and jamb-strip 9 will be readily understood by those skilled in the art.

When it is desired to remove the upper sash or to get at the weights, the casing-strip 6 is removed, and the parting-bead 8, having the jamb-strip 9 thereon, can then be de-

tached, giving access to the weights through the opening 12 and allowing the removal of the upper sash.

5 The advantages of my improved construction of a window-jamb will be readily appreciated by those skilled in the art.

10 There is no possibility of the parting-bead 8 working loose, and the removal of the parting-bead and jamb-strip attached thereto gives access to the opening into the weight-pocket. The casing-strip 6 secures the detachable parting-bead 8 and jamb-strip 9 in place and prevents any accidental removal thereof.

15 It will be understood that the details of construction of my improved window-jamb may be varied somewhat, if desired.

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

20 In a window-casing, the combination, with one side, the inner surface of which is provided with a groove extending its entire length, one side of said groove being undercut and the opposite side being inclined or 25 beveled, of a strip within the groove, one edge of which is provided with an extension and the opposite edge is inclined, and a casing-strip projecting over the inclined edge of the strip, substantially as set forth.

J. P. DORAY.

Witnesses:

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