

R. T. TAYLOR.

SASH HOLDER.

APPLICATION FILED APR. 3, 1908.

903,622.

Patented Nov. 10, 1908.

FIG. 1

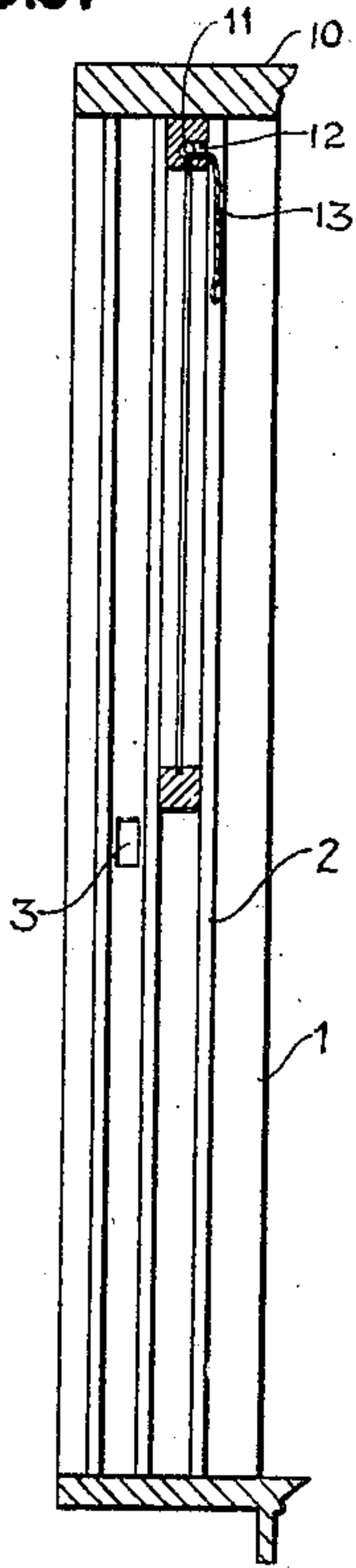


FIG. 2

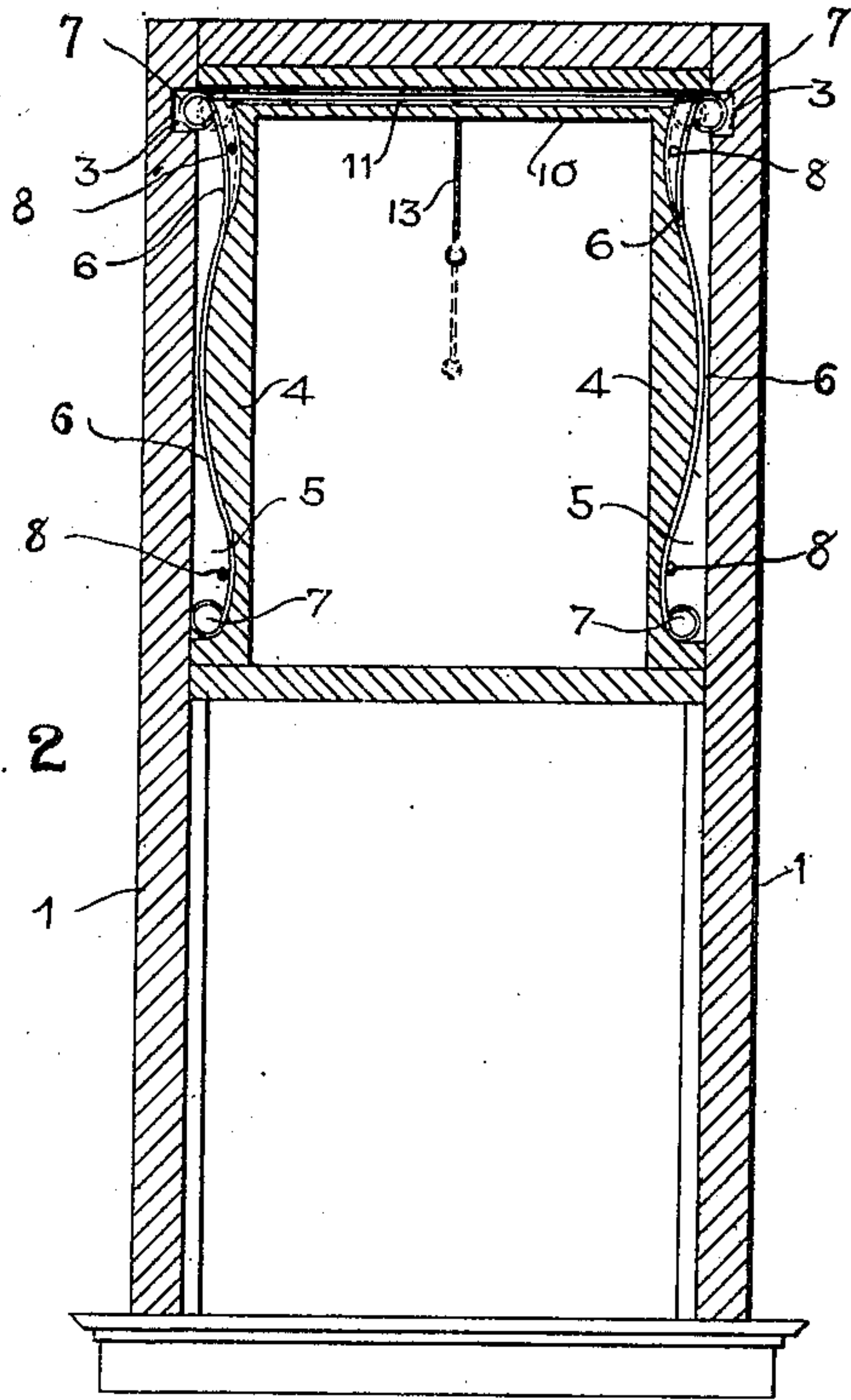


FIG. 3

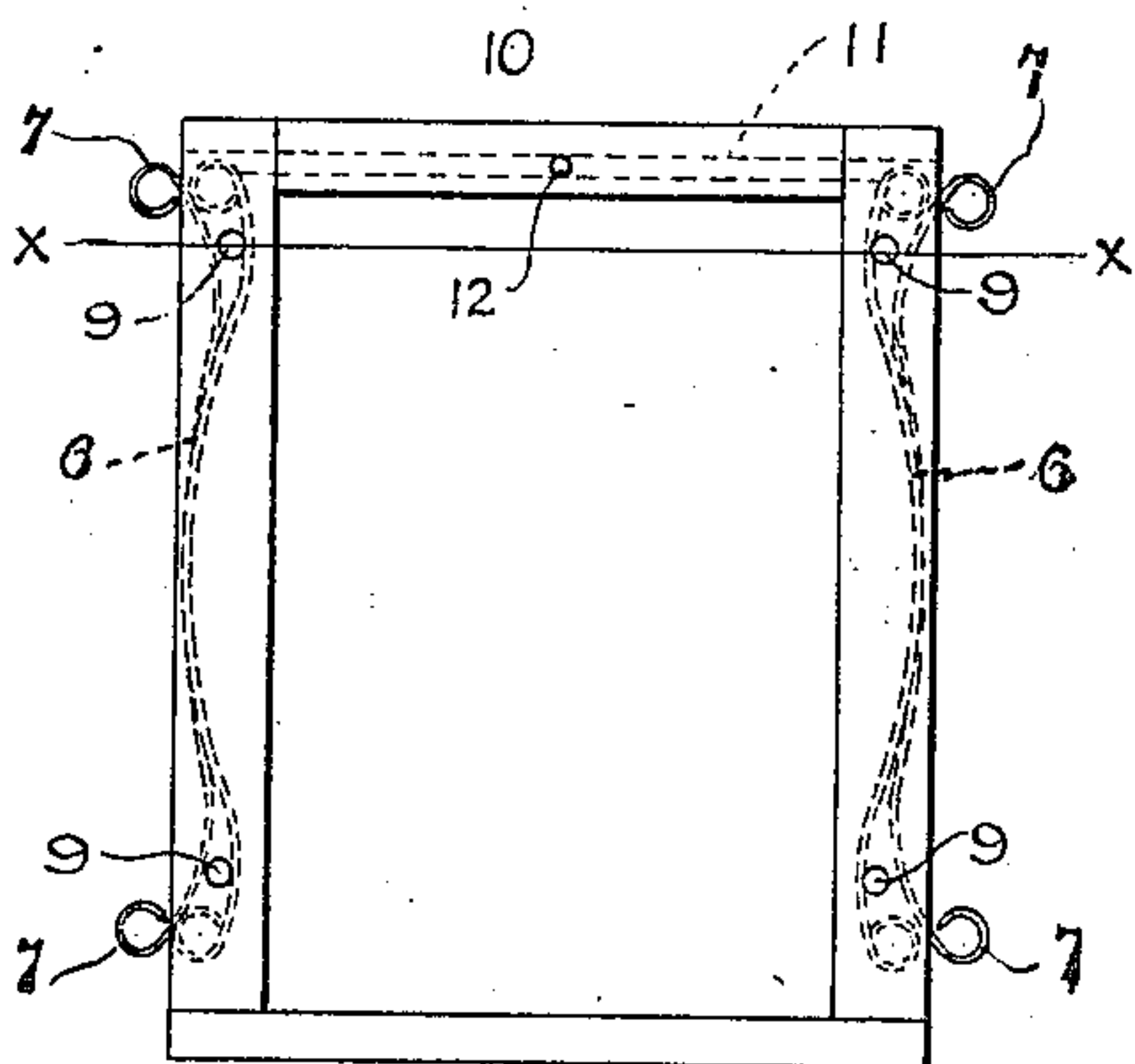
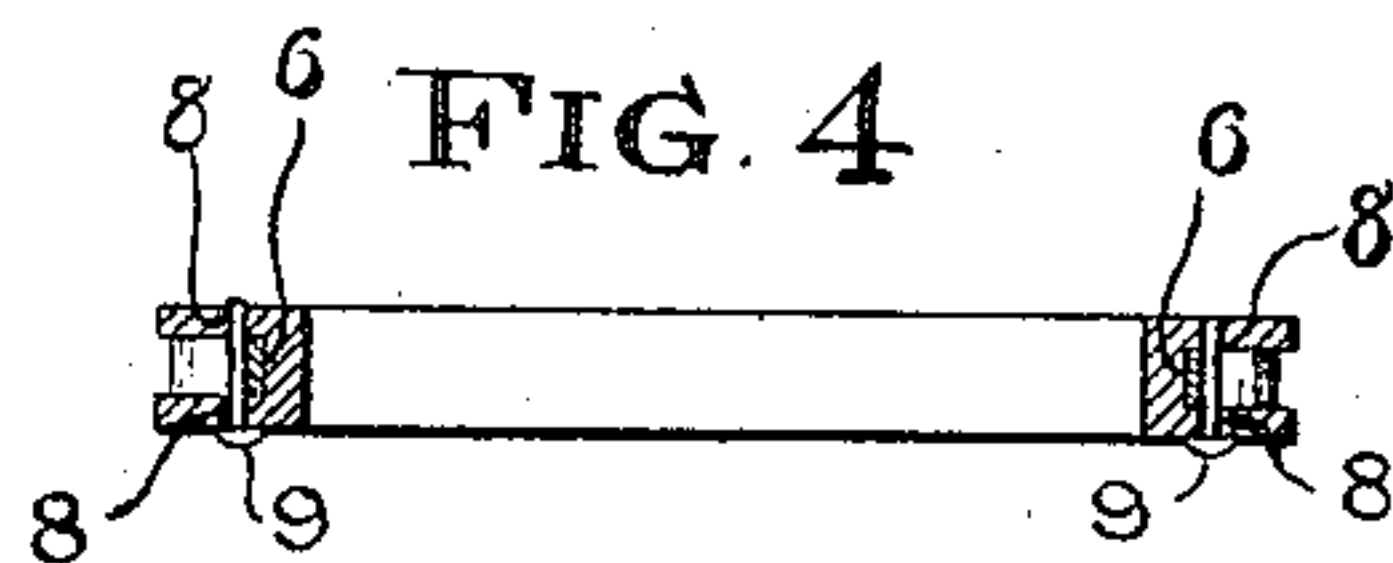


FIG. 4



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# UNITED STATES PATENT OFFICE.

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## SASH-HOLDER.

No. 903,622.

Specification of Letters Patent.

Patented Nov. 10, 1908.

Application filed April 3, 1908. Serial No. 424,964.

*To all whom it may concern:*

Be it known that I, ROBERT T. TAYLOR, a citizen of the United States of America, residing at Gastonville, in the county of Washington and State of Pennsylvania, have invented certain new and useful Improvements in Sash-Holders, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to sash holders, and the primary object of my invention is to dispense with the use of weights for holding a window-sash in an adjusted position, and to provide novel means in connection with

15 a window-sash for frictionally engaging the frame and holding the sash in its adjusted position.

A further object of this invention is to provide a novel window lock for securing

20 the sashes of a window-frame when in a closed position.

With the above and other objects in view which will more readily appear as the invention is better understood, the same consists in the novel construction, combination and arrangement of parts to be presently described, and then specifically pointed out in the appended claims.

In the drawings:—Figure 1 is a vertical

30 sectional view of the window-frame having a sash mounted therein constructed in accordance with my invention, Fig. 2 is a vertical transverse sectional view of the same, Fig. 3 is an elevation of my improved sash,

35 and Fig. 4 is a horizontal sectional view of the same taken on the line  $x-x$  of Fig. 3.

In the accompanying drawings, 1 designates the stiles of a window-frame, these stiles having stop beads 2, and oppositely

40 disposed recesses 3, the object of which will presently appear.

Between the frames 1 are arranged the sashes of the window, and as my sashes are identical in construction, I deemed it only

45 necessary to illustrate one of the same.

The side rails 4 of the sash are recessed, as at 5, to accommodate compound curved springs 6, the ends of said springs being bent to provide loops 7. These loops are

50 adapted to bear against the stiles 1 of the window-frame, and frictionally hold the

sash to any position to which it may be adjusted.

In order that the sash can be easily placed in the window-frame I provide the rails 4 55 of the sash upon one side thereof with openings 8 to permit of pins 9 being inserted in the sash to hold the springs 6 under tension and the loops 7 within the recesses 5, as shown in Fig. 3. After the sash has been

60 placed in the window-frame, the pins 9 can be withdrawn to allow the springs to frictionally engage the stile 1 of the window-frame.

When the upper window-sash is in a 65 closed position, the upper loops 7 are adapted to engage in the recesses 3 and lock said sash in a closed position. In order that the loops 7 may be withdrawn from the recesses 3, I provide the top rail 10 of the sash with

70 a bore 11 communicating with an opening 12 upon the inside of the sash. A bifurcated cable 13 passes through the opening 12 and the bore 11 and connects with the upper loop of the spring 6. By pulling upon

75 the cable 13 the upper loop can be withdrawn from the recesses 3 and the sash lowered.

Having now described my invention what I claim as new, is:—

1. The combination with a window-frame 80 having stiles provided with recesses, of sashes movably mounted in said frame, each sash having its side rails provided with recesses, compound curved springs mounted in said recesses, loops carried by the ends 85 of said springs for frictionally engaging the stiles of said window-frame, and engaging in the recesses of the side rails of said window-frame, the top rail of each sash having a bore formed therein, and cables 90 arranged in said bore and connecting with said loops for moving said loops out of the recesses of the side stiles of said window-frame, substantially as described.

2. The combination with a window-frame 95 provided with recesses, of sashes movably mounted in said frame, each sash having recesses formed therein, compound curved springs arranged in said recesses and provided with loops for frictionally engaging 100 the walls of the recesses of said window-frame, and means carried by each sash for



moving said loops out of engagement with the recesses of said frame to release the sash.

3. In a window-lock, the combination with a window-frame having a recess in the  
5 inner face of each stile near the top thereof, of a sash, compound curved springs arranged in the sides of said sash for engaging in said recesses of the stiles, and

means carried by said sash for moving said springs out of said recesses of the stiles. 10

In testimony whereof I affix my signature in the presence of two witnesses.

ROBERT T. TAYLOR.

Witnesses:

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G. C. MARTIN.