

(No Model.)

T. H. BOYCE.
SHUTTER WORKER.

No. 597,705.

Patented Jan. 25, 1898.

F.T.C.

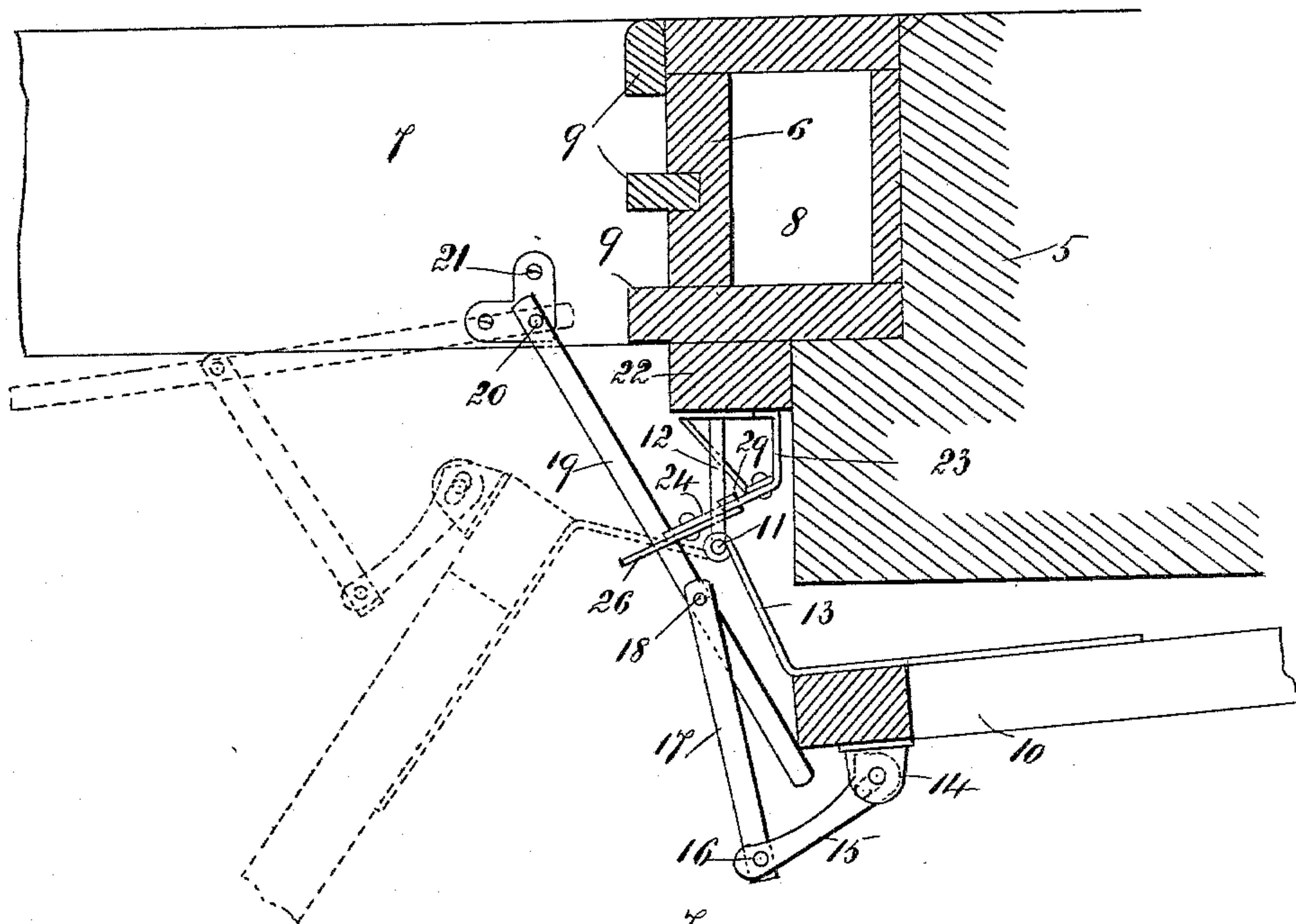
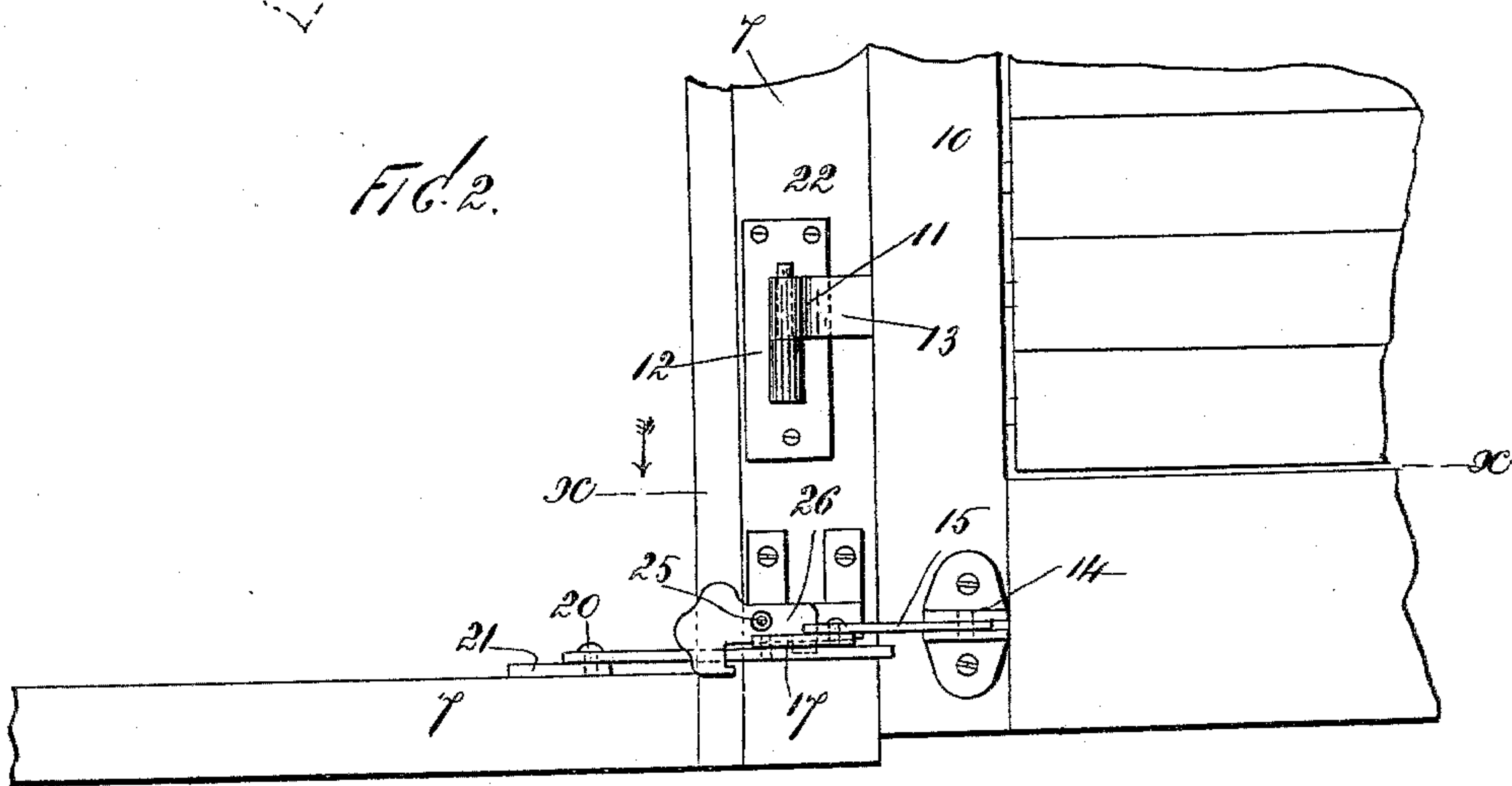
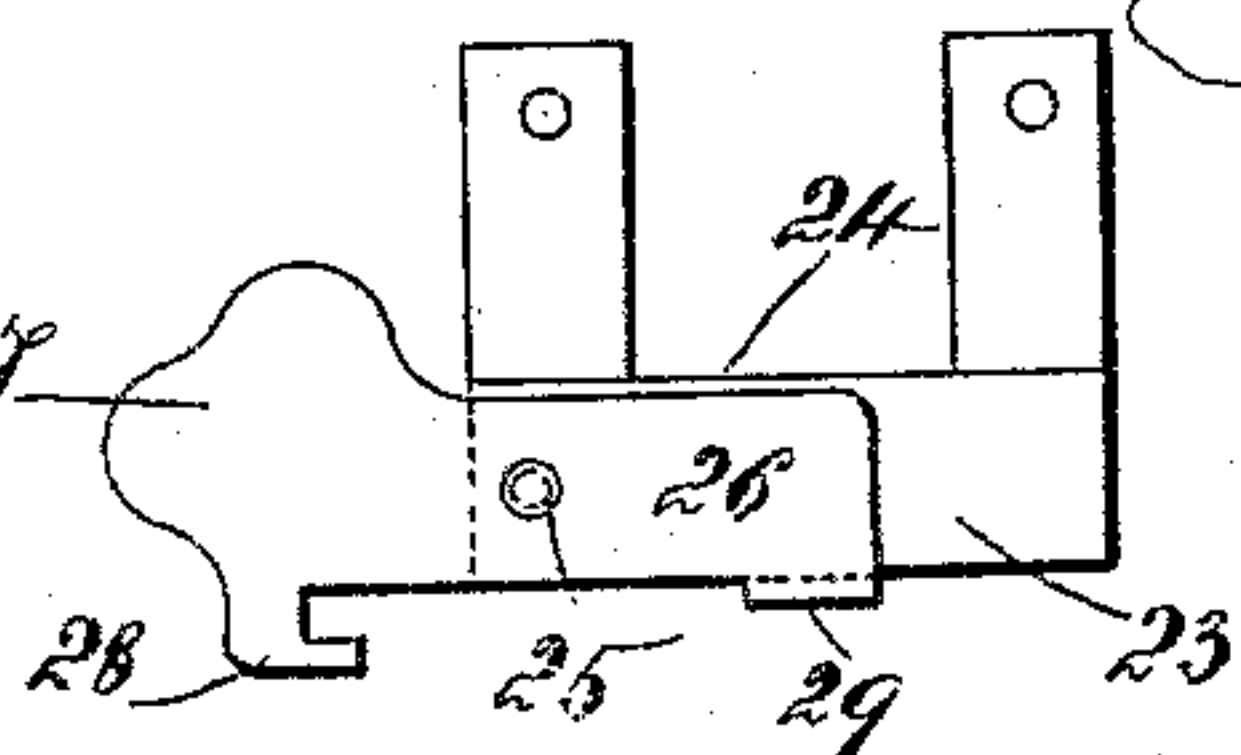


Fig. 2.



FC. 3.



WITNESS

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THOMAS H. BOYCE, OF NEW YORK, N. Y.

SHUTTER-WORKER.

SPECIFICATION forming part of Letters Patent No. 597,705, dated January 25, 1898.

Application filed July 30, 1897. Serial No. 646,464. (No model.)

To all whom it may concern:

Be it known that I, THOMAS H. BOYCE, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Supports for Window-Shutters, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to supports for window-shutters and means for opening and closing the same and for holding the same in an open position and for closing them when desired; and the object thereof is to provide an improved device for this purpose which is simple in construction and operation and perfectly adapted to accomplish the result for which it is intended, while being comparatively inexpensive.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of my improvement are designated by the same numerals of reference in each of the views, and in which—

Figure 1 is a transverse section of a part of a window-frame on the line $x x$ of Fig. 2; Fig. 2, an outside view thereof, and Fig. 3 a side view of a detail of the construction.

In the drawings forming part of this specification I have shown at 5 part of the wall of a building and at 6 a part of the side of a window-frame, the bottom of the window-frame being shown at 7, and the window-frame is provided in the side thereof with the usual vertical chamber 8, in which the counterbalance-weights by which the sashes are supported move, and said frame is provided with the usual vertical beads 9, between which the sashes are placed, all these features being of the usual construction and forming no part of this invention.

In the practice of my invention I provide a shutter 10, which is hinged to the window-frame, as shown at 11, the hinge consisting of two parts 12 and 13, the first of which is secured to the window-frame and the other to the shutter, and secured to the shutter is a keeper 14, to which is hinged a link or bar 15, with the free end of which is pivotally connected, as shown at 16, a bar 17, which is

pivotally connected at 18 with a lever 19, one end of which is pivotally connected at 20 with a plate 21, secured to the bottom of the window-frame. I also secure to the frame of the window, or to that part 22 thereof in connection with which the shutter 10 is hinged, a bracket 23, which is provided with an outwardly-directed arm 24, to which is pivoted at 25 a locking-lever 26, and said locking-lever is provided at its outer end with a head 27, on the bottom of which is formed a catch 28, and the inner end thereof is provided at its lower side with a hook 29, which is adapted to engage with the bottom of the arm 24.

The bracket 23 may be of any desired shape or form, the only object in this connection being to provide a bracket or support to which the lever 26 may be pivoted, so that it will project in the manner shown in the drawings, and the head or outer end 27 of which may be raised when desired and lowered into a horizontal position when necessary, as shown in Fig. 2.

The operation will be readily understood from the foregoing description when taken in connection with the accompanying drawings and the following statement thereof.

When the parts are in the position shown in Fig. 1, the catch 28 on the lever 26 will engage with the lever 19, and the outer end of the said lever 19 will bear against the inner end of the shutter, as clearly shown in Fig. 1, and the shutter will be locked in the open position, and when it is desired to close said shutter the outer end or head 27 of the lever 26 is disconnected from the lever 19, and said lever 19 is swung inwardly, as shown in dotted lines in Fig. 1, and in this operation the shutter 10 is also drawn inwardly, said shutter being shown at about the middle of its movement in dotted lines in Fig. 1, but by drawing the lever 19 farther inwardly the shutter may be entirely closed, as will be readily understood.

Any suitable means may be provided for locking the shutter in the closed position, and it will thus be seen that I accomplish the object of my invention by means of a device which is simple in construction and operation and which may be secured to almost any window-shutter as now constructed.

Having fully described my invention, I

claim as new and desire to secure by Letters Patent—

5 The herein-described support for window-shutters comprising the combination with a window frame and shutter of a keeper 14, a link or bar 15 pivotally connected therewith, a bar 17 pivotally connected with the free end of lever 19 at 18, a plate 21 secured to the window-frame, said lever 19 being pivotally connected therewith and a locking-lever adapted
10 to engage said lever 19 when the shutter is in open position, said lever 19 being so propor-

tioned in length that it will bear against the edge of said shutter when locked, substantially as and for the purpose described. 15

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 28th day of July, 1897.

THOMAS H. BOYCE.

Witnesses:

L. M. MULLER,

A. C. McLOUGHLIN.