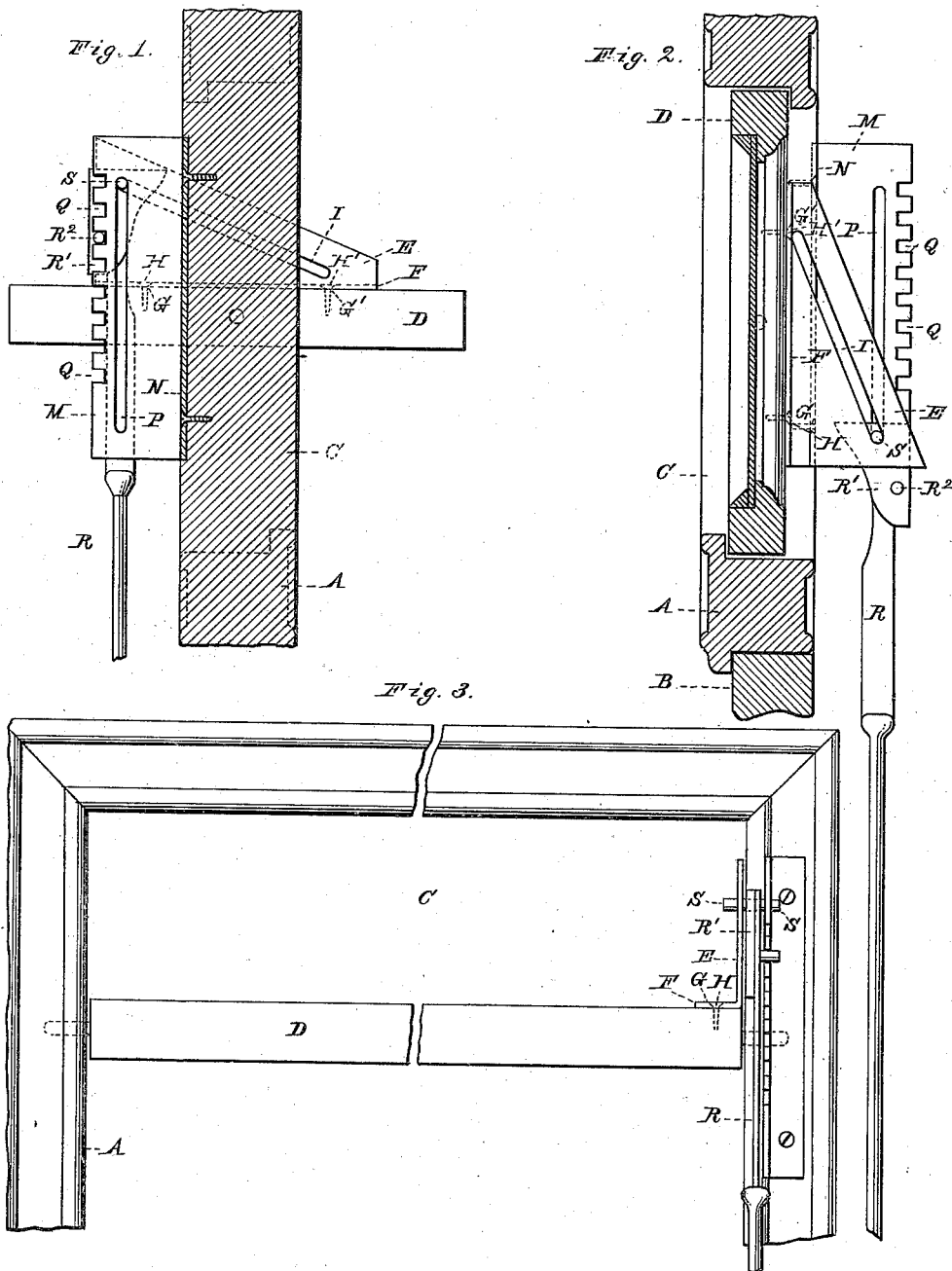


(No Model.)

G. R. TAXIS.  
TRANSOM LIFTER.

No. 343,931.

Patented June 15, 1886.



WITNESSES

*Villette Anderson*  
*Philip C. Masi*

INVENTOR

*Gideon R. Taxis*  
by *Andrew Smith*  
his ATTORNEYS

# UNITED STATES PATENT OFFICE.

GIDEON R. TAXIS, OF MORRIS, ILLINOIS.

## TRANSOM-LIFTER.

SPECIFICATION forming part of Letters Patent No. 343,931, dated June 15, 1886.

Application filed March 5, 1886. Serial No. 194,144. (No model.)

*To all whom it may concern:*

Be it known that I, GIDEON R. TAXIS, a citizen of the United States, residing at Morris, in the county of Grundy and State of Illinois, have invented certain new and useful Improvements in Transom-Lifts; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of the transom and operating mechanism in its open position. Fig. 2 is a section showing the transom closed. Fig. 3 is an elevation of frame and transom, the latter being open.

This invention has relation to transom-lifts; and it consists in the construction and novel combination of parts, as will be hereinafter set forth, and pointed out in the claim.

Referring by letter to the accompanying drawings, A designates the door-frame; B, the door; C, the transom-space above the door, and D the transom, which is hinged at its ends in the transom-space. At one side the transom D is provided with a slotted triangular-shaped plate, E, which has an inwardly-projecting angular flange, F, along its inner vertical edge, which flange is provided with holes G G', for the insertion of the screws H H', by which the plate E is secured to the transom. The slot I extends nearly the length of the plate E, and is parallel with the inclined edge of the plate E.

M designates a rectangular plate, having a flange, N, along one vertical edge, through which it is secured to the edge of the door-frame, near to and opposite to the plate E. Near its front edge the plate M is provided with a vertical slot, P, which extends nearly the entire length of the plate, and in its front edge the plate M is provided with a series of rectangular notches, Q.

R designates the shifting-lever, by which the transom is opened and closed and adjusted and locked. This shifting-lever R is provided with an enlarged head, R', which head R' has a cross-rod, S, the projecting ends of which rod enter the slots I and P. The shifting-lever R has its head R' provided near its lower end with a laterally-projecting pin, R<sup>2</sup>, which engages any desired one of the notches in the plate M and holds the transom to its adjustment. By inverting the triangular slotted plate the transom may be operated by pulling on the shifting-lever R, instead of pushing on it, as is now necessary to operate the transom. When the transom is closed, it cannot be opened by pushing against the transom, as the shifting-lever locks it in place, and the lever must be used from the inside of the room to open it. A screw, a, is sometimes passed through the slots in the plates, and a thumb-nut is then used upon the screw to bind the plates together to hold the transom in any position to which it may have been adjusted. This is a less expensive construction; but it requires some person able to reach the set-screw to adjust or lock the transom.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

The combination, with a door-frame and a pivoted transom, of the flanged plate having the inclined slot along its inclined edge, the rectangular plate having the notched vertical edge, and the vertical slot along its notched edge, and the shifting-lever with the cross-head and stop-pin near its upper end, substantially as specified.

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

GIDEON R. TAXIS.

Witnesses:

T. H. PETTIT,  
C. H. OVEROCKER.