

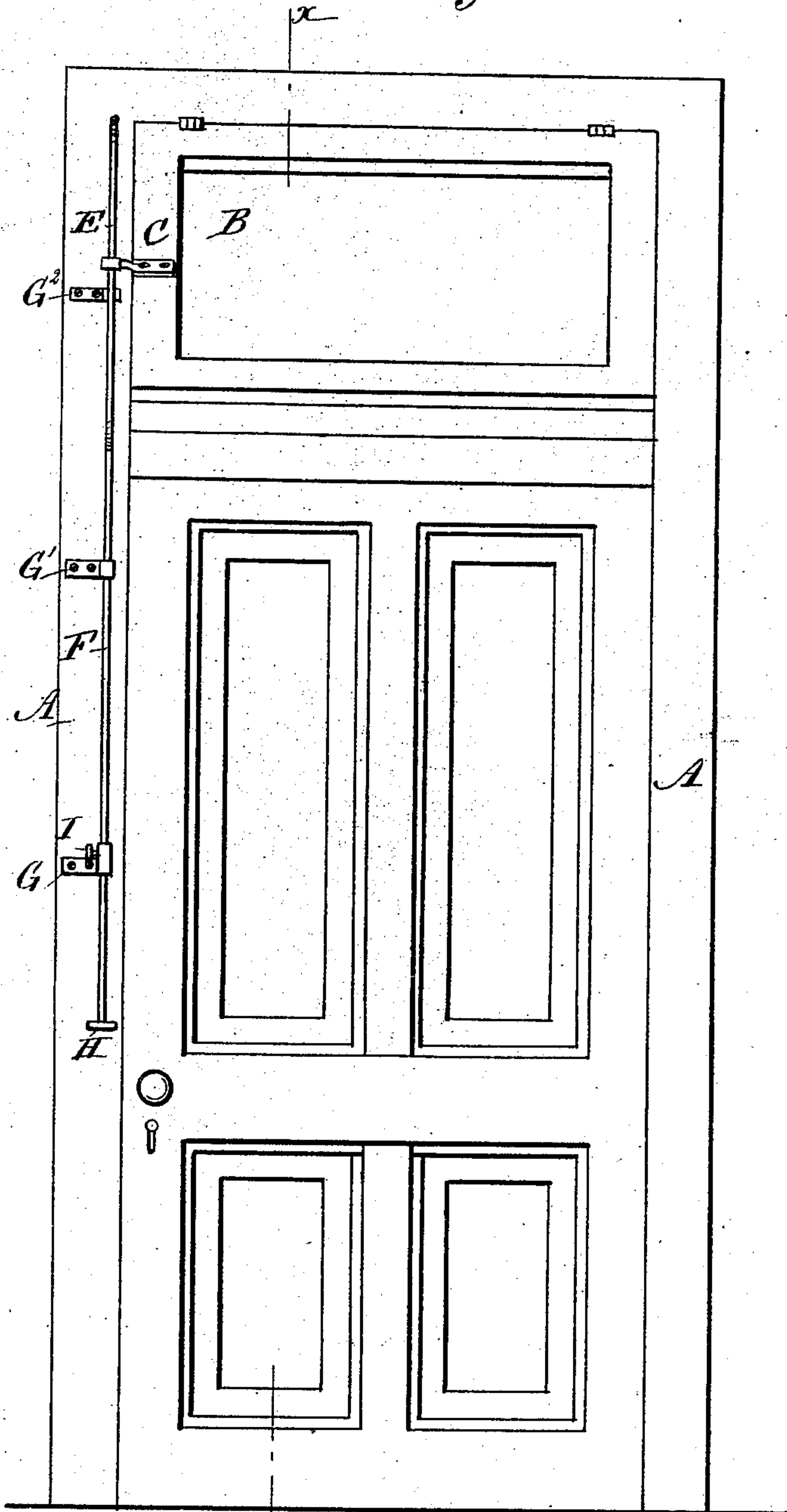
(No Model.)

L. T. WALKER.  
TRANSOM LIFTER.

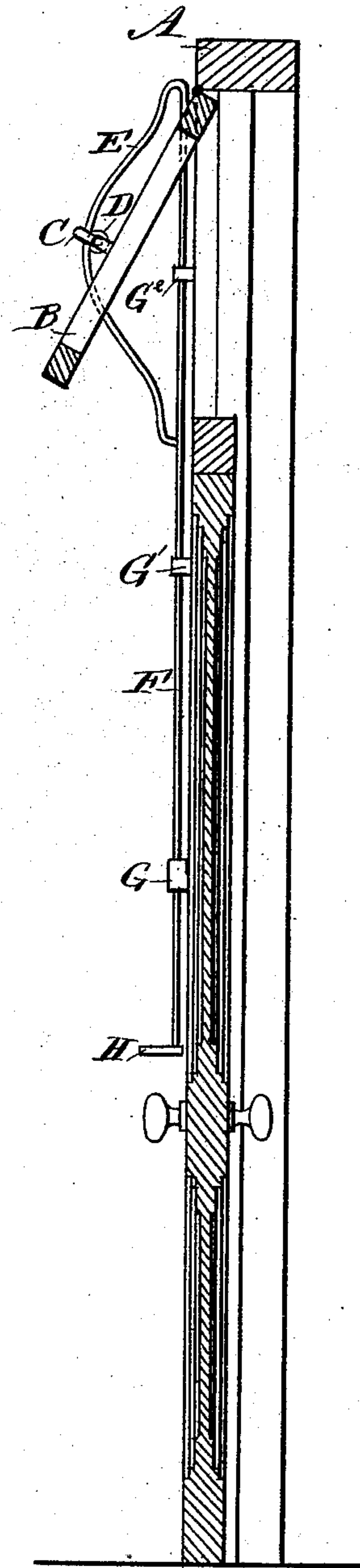
No. 356,970.

Patented Feb. 1, 1887.

*Fig. 1*



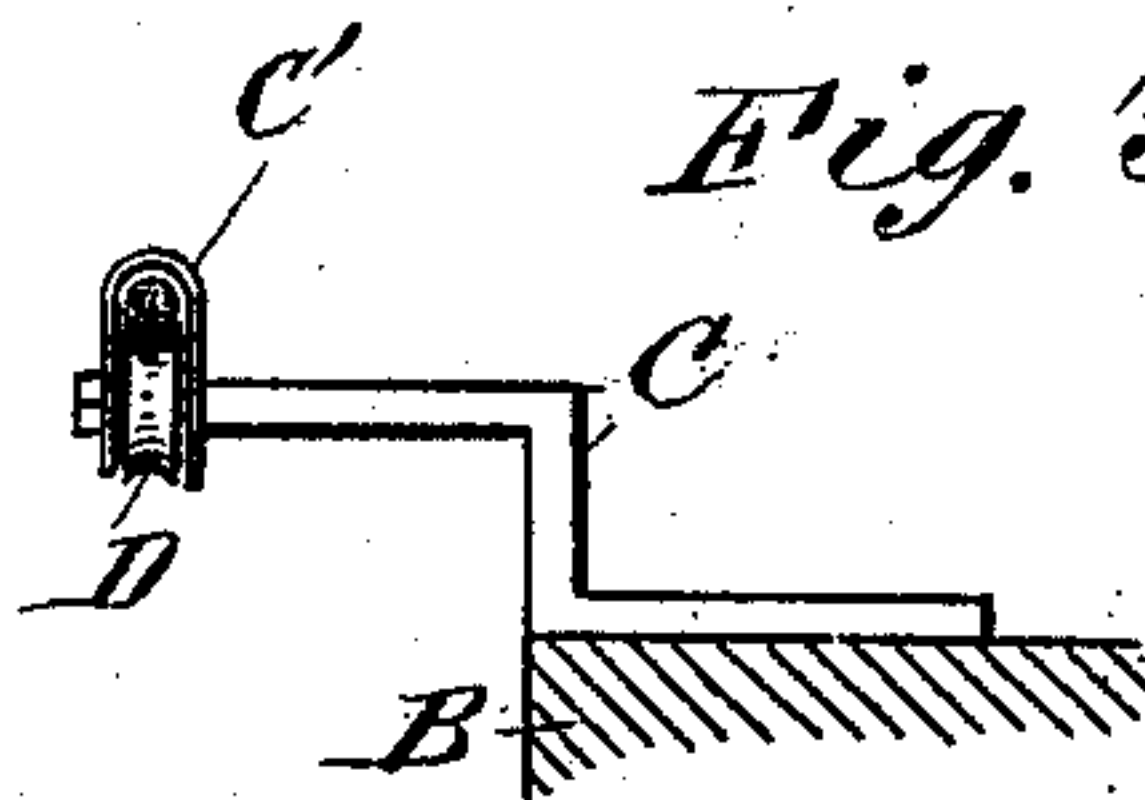
*Fig. 2*



WITNESSES: *x*

*C. Nevins*  
*C. Sedgwick*

*Fig. 3*



INVENTOR:

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BY

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# UNITED STATES PATENT OFFICE.

LEANDER T. WALKER, OF SOUTH PUEBLO, COLORADO.

## TRANSOM-LIFTER.

SPECIFICATION forming part of Letters Patent No. 356,970, dated February 1, 1887.

Application filed November 11, 1886. Serial No. 218,584. (No model.)

*To all whom it may concern:*

Be it known that I, LEANDER T. WALKER, of South Pueblo, in the county of Pueblo and State of Colorado, have invented a new and Improved Transom-Lifter, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved transom-lifter which is simple and durable in construction and holds the transom in any desired position.

The invention consists of a bracket carrying a roller or pulley and attached to the transom-frame, of a curved rod passing over the said roller and attached to the lifting-rod, and of means for holding the lifting-rod in position.

The invention also consists of various parts and details and combinations of the same, as will be fully described hereinafter, and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation of my improvement. Fig. 2 is a cross-sectional elevation of the same on the line  $x x$  of Fig. 1, and Fig. 3 is a detail view of the bracket carrying the roller.

On the door-casing A is hinged or pivoted by the upper end of its frame the transom B, carrying on one side of its frame the bracket C, in the outer forked end, C', of which is held the grooved pulley D, over which passes the curved arm or rod E, secured to or formed on the upper end of the lifting-rod F, adapted to slide vertically in the bearings G, G', and G<sup>2</sup>, and provided on the lower end with the handle H. In the lower bearing, G, screws a set-screw, I, against the rod F.

The operation is as follows: When the set-screw I is loosened and the transom B is closed,

then the latter can be opened and held in any desired position by moving the rod F upward, so that in its upward movement the curved arm E acts on the pulley D and its bracket C, so as to cause the transom B to swing open. The transom B is held in this position by screwing the set-screw I against the rod F, so as to prevent the latter from moving upward or downward. When the transom is closed, it can be held in a locked position by the said screw I. The roller D, on which the bent rod E operates, prevents all jar and imparts an easy motion to the transom B. The forked end C', being attached by the bolt of the roller D to the arm C, can be swung downwardly, so as to engage the bent arm E from the inner side, thus permitting of having the transom hinged at its lower instead of its upper edge, as shown in the drawings.

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

1. In a transom-lifter, the combination, with a hinged transom-frame and a bracket attached to the said frame and carrying a pulley, of a lifting-rod sliding vertically and a curved rod secured to the said lifting-rod and passing over the said pulley, substantially as shown and described.

2. In a transom-lifter, the hinged transom-frame B, the bracket C, having the forked end C', and the pulley D, held in the said forked end, in combination with the lifting-rod F, adapted to slide vertically, the curved rod E, secured to the said lifting-rod F and passing over the grooved pulley D, and means for holding the lifting-rod F in position, substantially as shown and described.

LEANDER T. WALKER.

Witnesses:

M. WILLIAMS,  
O. W. MALLABY.