

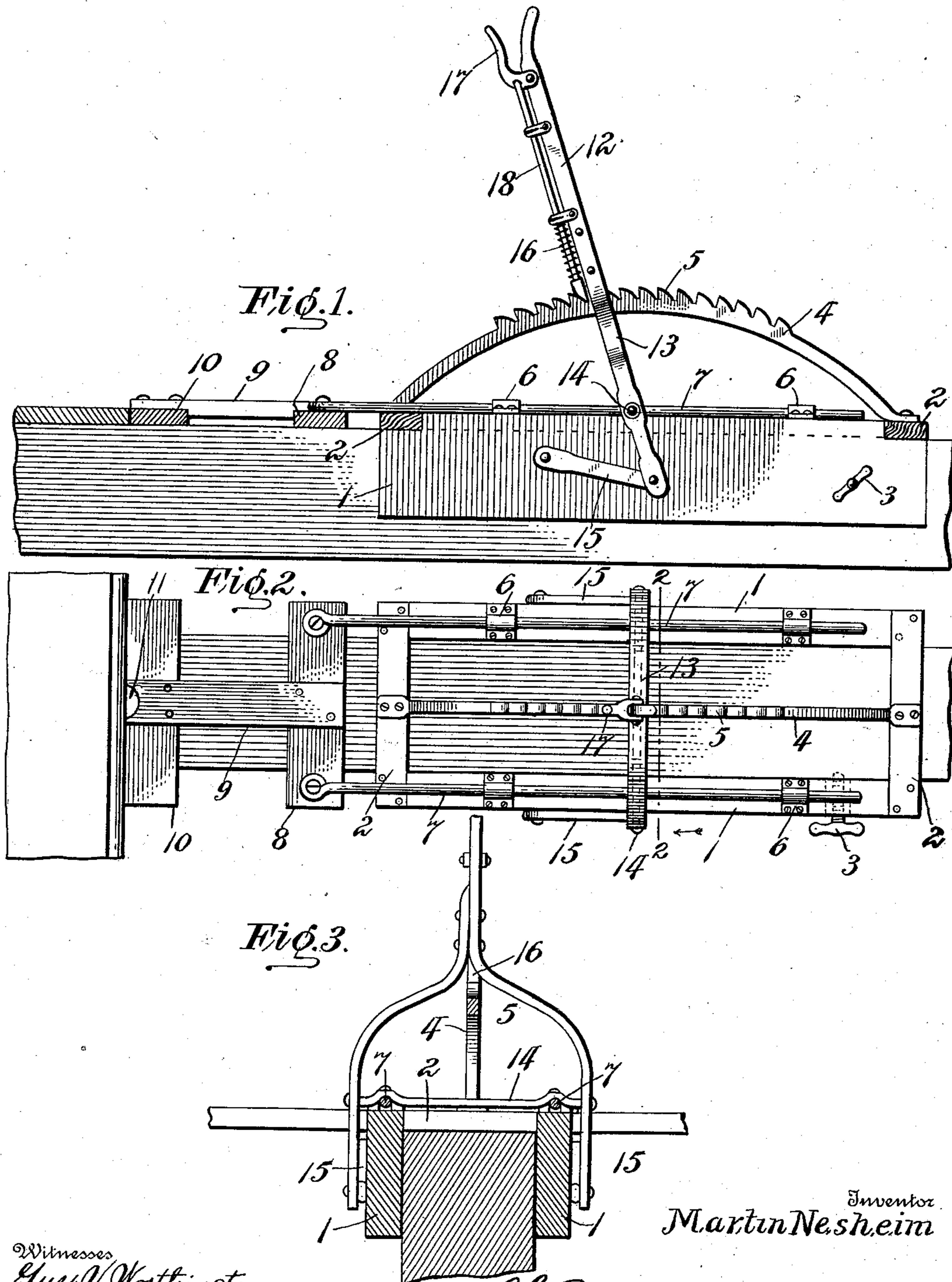
No. 741,533.

PATENTED OCT. 13, 1903.

M. NESHEIM.
FLOOR JACK.

APPLICATION FILED FEB. 26, 1903.

NO MODEL.



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MARTIN NESHEIM, OF COUNCIL BLUFFS, IOWA.

FLOOR-JACK.

SPECIFICATION forming part of Letters Patent No. 741,533, dated October 13, 1903.

Application filed February 26, 1903. Serial No. 145,274. (No model.)

To all whom it may concern:

Be it known that I, MARTIN NESHEIM, a citizen of the United States, residing at Council Bluffs, in the county of Pottawattamie and State of Iowa, have invented certain new and useful Improvements in Floor-Jacks; 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.

My invention is an improved floor-jack adapted for use when laying floors for tightening the flooring-boards to close the cracks between them and to hold each board in place while laying and nailing it; and it consists in the peculiar construction and combination of devices hereinafter fully described and claimed.

The object of my invention is to provide an improved implement of this character which is exceedingly compact, simple, strong, and durable and which is adapted to be manufactured at slight cost.

In the accompanying drawings, Figure 1 is a side elevation of a floor-jack embodying my improvements, showing the same in operative position. Fig. 2 is a top plan view of the same. Fig. 3 is a transverse sectional view of the same, taken on a plane indicated by the line 2 2 of Fig. 2.

In the embodiment of my invention I provide a box or frame which comprises the side pieces 1, adapted to rest on opposite sides of the joist, and the cross-pieces 2, which connect the same together at their ends and at their upper sides, which cross-pieces 2 are adapted to lie on the upper side of the joist while the implement is used in laying a floor. The said box or frame is provided with a clamping-screw 3, which operates in a threaded opening in one of the side pieces 1 and is adapted to engage one side of the joist to clamp the box or frame firmly thereto.

A longitudinally-disposed segment-bar 4 has its ends secured to the cross-pieces 2, and the said segment-bar is provided on its upper side with notches 5. On the upper side of the box or frame 1 are guides 6, in which are

longitudinally-movable slide-bars 7, which project at one end beyond one end of the box or frame and are connected together by a yoke 8. To the latter is connected a head 9, which is adapted to carry a block 10. The said block is adapted to bear against the flooring and is provided at one side with a centrally-disposed opening 11 of sufficient size to enable the flooring to be nailed to the joist. The said slide-rods, yoke, and head constitute a longitudinally-movable element, and the same is operated by a lever 12, which is here shown as having its lower portion forked, as at 13, to bear on opposite sides of the box or frame 1 and as connected to the longitudinally-movable element by a bolt-rod 14 and as connected to the outer sides of the box or frame 1 by links 15, the latter being pivotally connected both to the sides of the box or frame and to the lower forked ends of the lever. The latter is further provided with a spring-pressed locking-dog 16 to engage the notches 5 of the segment-bar, and thereby secure said lever at any desired position, and a thumb-piece 17 is also provided, which is carried by the said lever and is connected to the dog 16, as by a rod 18, the said thumb-piece enabling the dog to be readily disengaged from the segment-bar when the lever is to be operated.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

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

In a floor-jack, the combination of a frame adapted to be secured on a joist and provided with a segment-bar, a longitudinally-movable element carried by said frame and having a head, a lever connected to said longitudi-

nally-movable element, adapted to operate the same, and having means to engage the segment-bar and coact therewith to lock the lever at any desired adjustment, and links
5 pivotally connected to said frame and said lever, substantially as described.

In testimony whereof I have hereunto set

my hand in presence of two subscribing witnesses.

MARTIN NESHEIM.

Witnesses:

HENRY W. ROTHERT,
J. SCHUYLER LONG.