

No. 840,236.

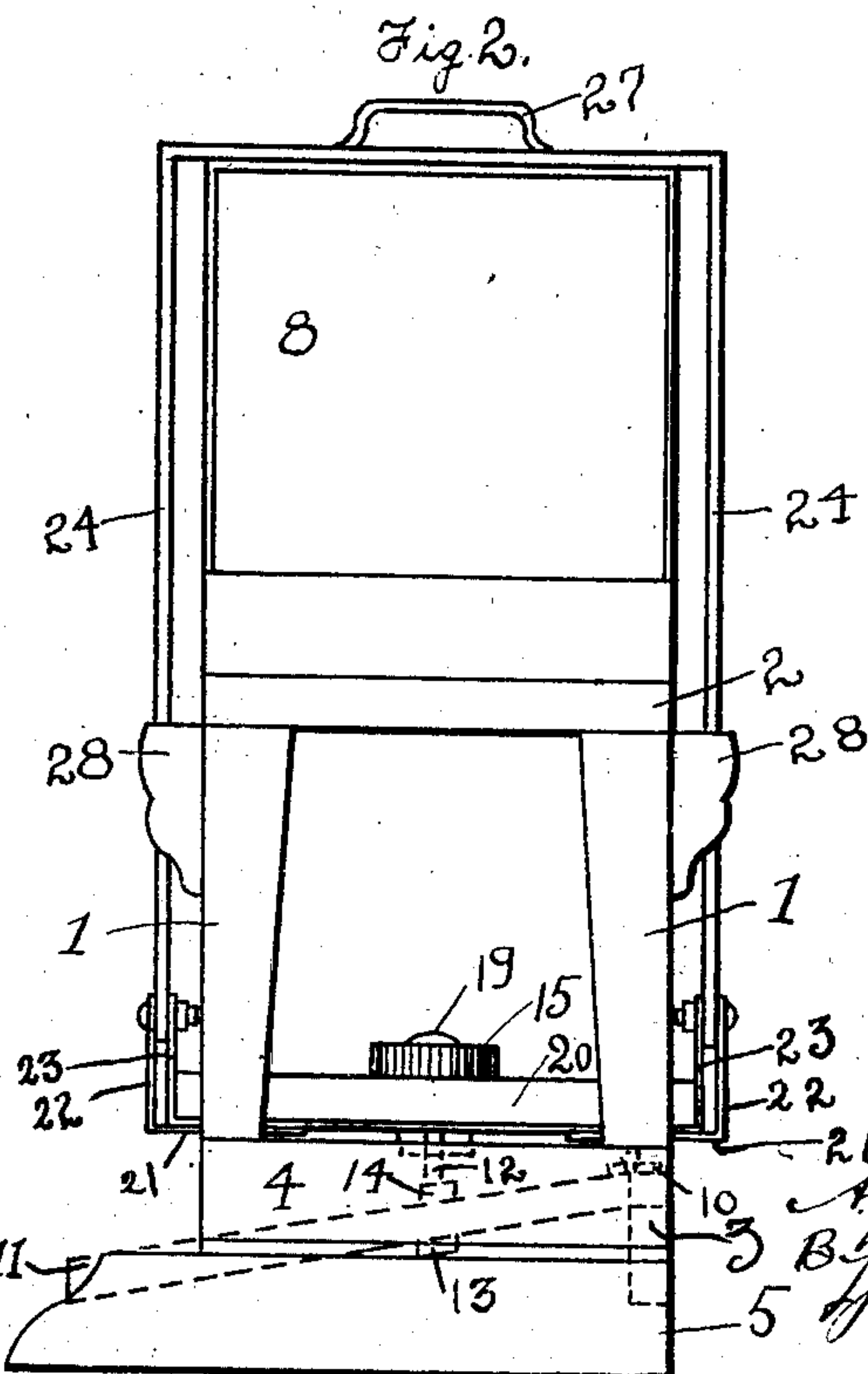
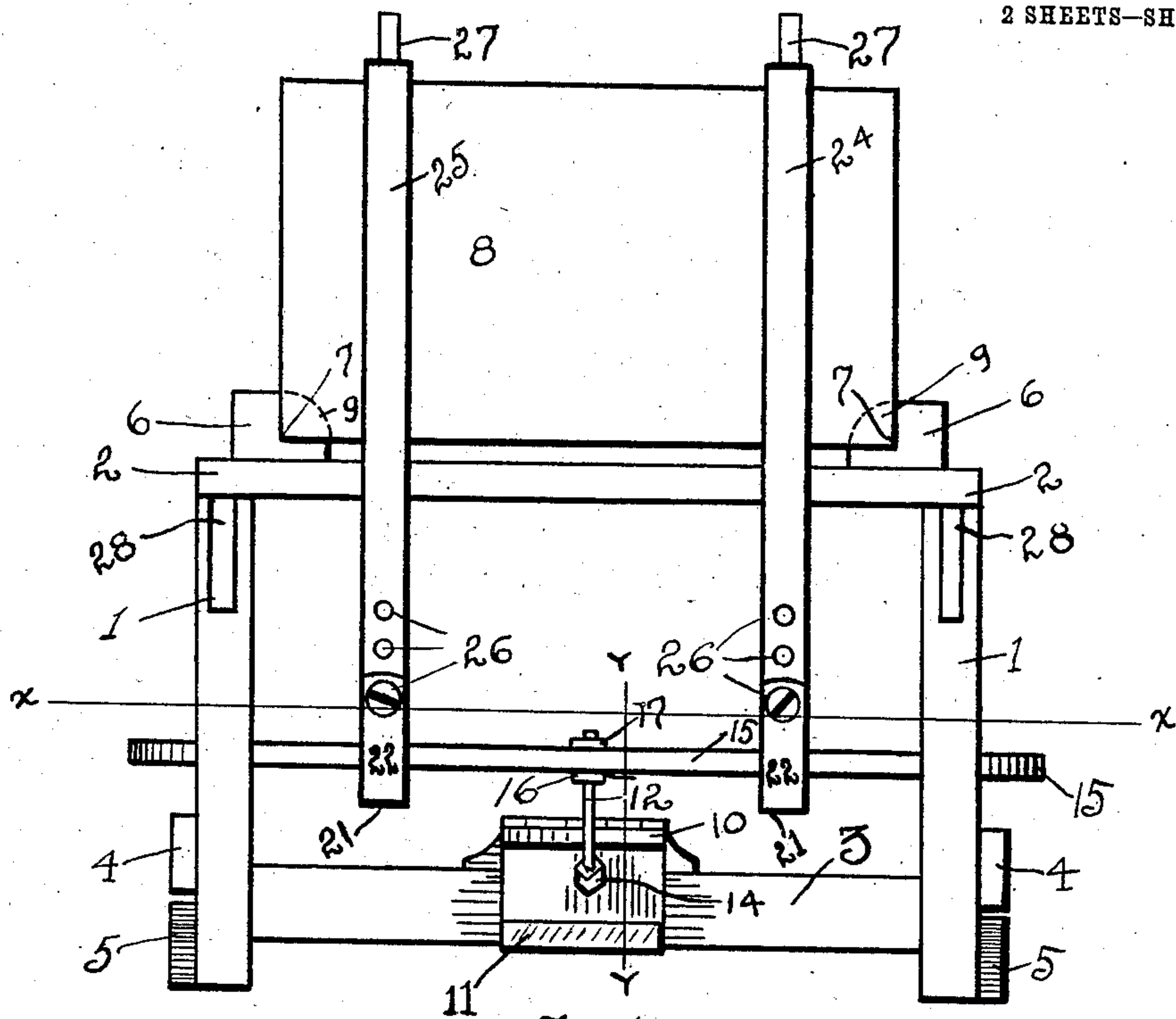
PATENTED JAN. 1, 1907.

A. McHENRY.

PRESS FOR PRESSING LIDS ON BOXES.

APPLICATION FILED MAR. 12, 1906.

2 SHEETS—SHEET 1.



Witnesses

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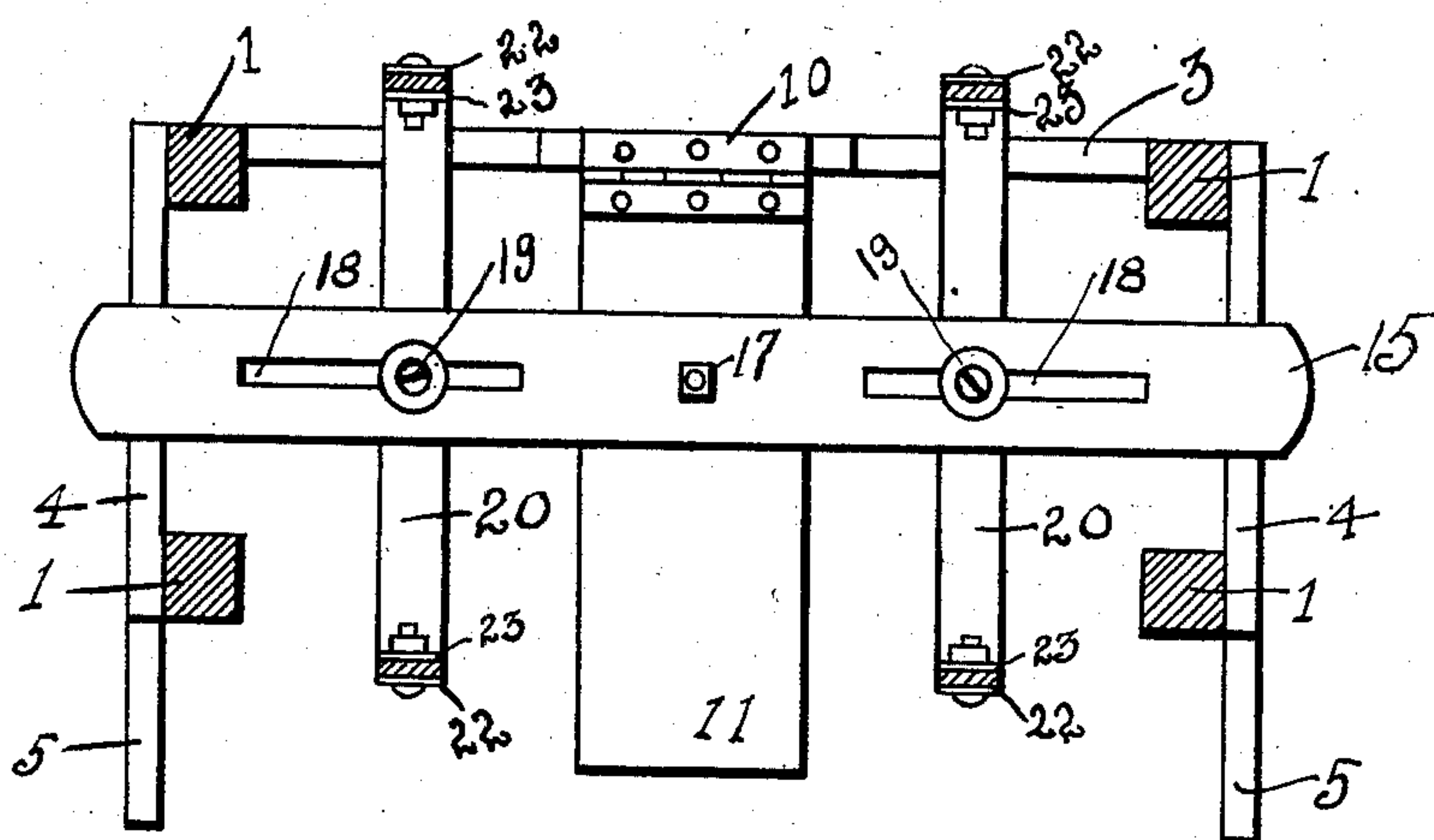


Fig. 3.

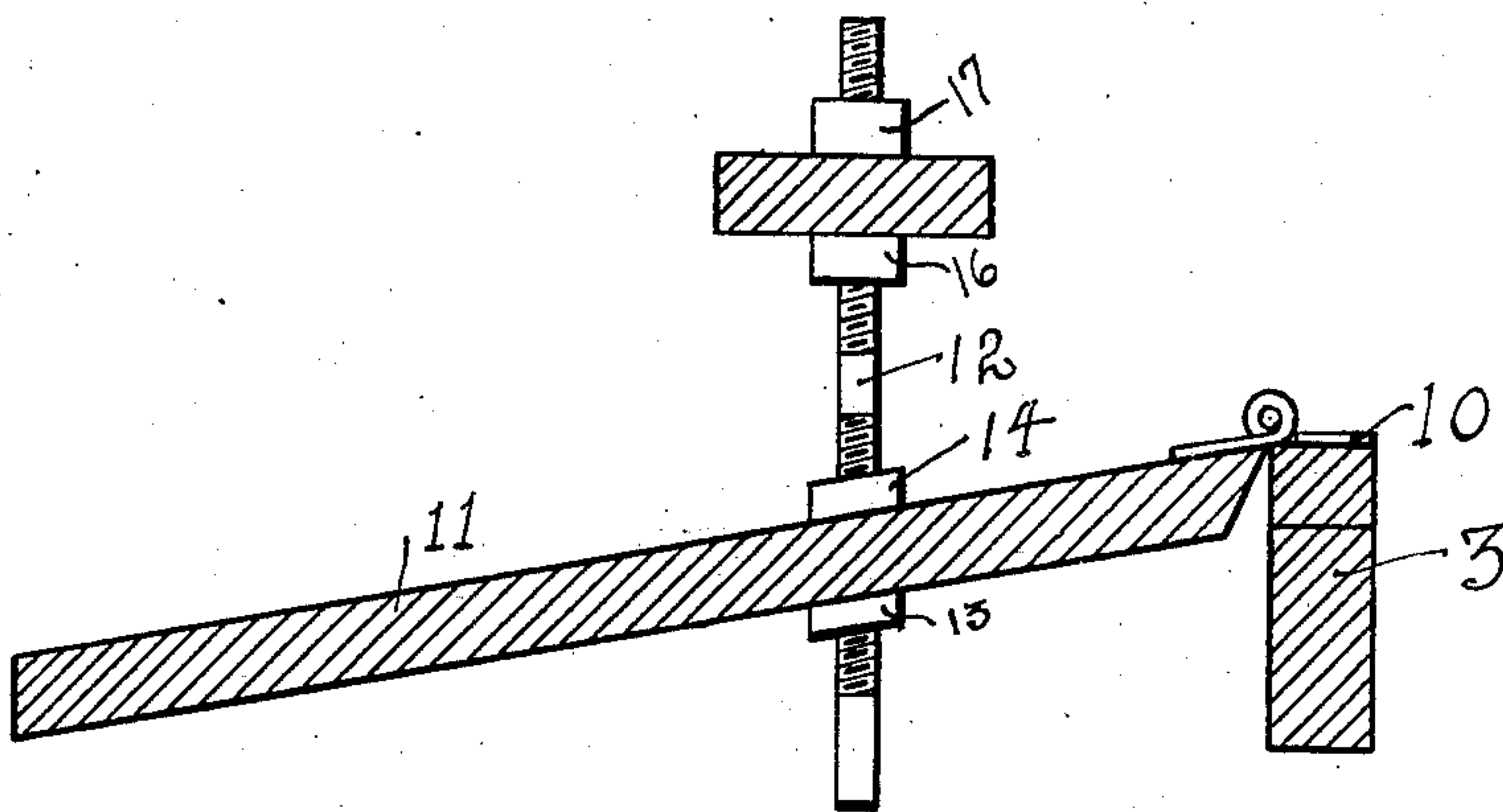


Fig. 4

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UNITED STATES PATENT OFFICE.

ALFRED McHENRY, OF BENTONVILLE, ARKANSAS.

PRESS FOR PRESSING LIDS ON BOXES.

No. 840,236.

Specification of Letters Patent.

Patented Jan. 1, 1907.

Application filed March 12, 1906. Serial No. 305,547.

To all whom it may concern:

Be it known that I, ALFRED McHENRY, a citizen of the United States, residing at Bentonville, in the county of Benton and State of Arkansas, have invented certain new and useful Improvements in Presses for Pressing Lids on Boxes, of which the following is a specification.

My invention is a press for pressing lids down on boxes to the end that the lid may be snugly and securely fitted to the top of the box before it is secured thereto. In shipping goods it is important that they should be snugly packed into the box and pressed therein tightly, so that they may not slip around in the box, and thereby become injured in the transit. This is especially the case in shipping fruits, such as apples, peaches, pears, &c.

In the accompanying drawings, Figure 1 is a side elevation of my invention. Fig. 2 is an end elevation. Fig. 3 is a cross-sectional view of my invention on the line X X of Fig. 1. Fig. 4 is a cross-sectional view of so much of my invention as is necessary to show the arrangement of the foot-treadle in connection with the rear beam 3, hinge 10, longitudinal slotted beam 15, bolt 12, and nuts cut on the line Y Y of Fig. 1.

My invention is described as follows: The numeral 1 represents four vertical posts secured together at their upper ends by a platform or top 2. The rear two upright posts are held together by a sill 3. There are secured to said rear upright posts the rear ends of the end sills 4 and the base-sills 5, while the front ends of said sills 4 and 5 are secured to the front oblong upright posts, thus forming a strong and substantial upright frame. Secured to the upper face and at each end of said platform are cross-beams 6, each provided with a recess 7, in which the ends of the box 8 rest. The rear ends of these recesses 7 are each provided with a stop, (represented by the dotted lines 9.) These stops are to prevent the box from being pushed too far to the rear when being placed in position. Secured to the center of the rear sill 3 is one wing of a hinge 10, while the other wing is secured to the rear end of the foot-treadle 11, and near the center of said foot-treadle 11 is secured the lower end of a rod 12. The lower end of said rod is threaded, and screwed on the thread thereof are two nuts, one, 13, against the lower face of said foot-treadle and the other, 14, against the upper face of said

treadle. The upper end of said rod is also threaded and passes through the center of a longitudinal beam 15, and on the thread of said upper end of said rod 12 are screwed two other nuts, one, 16, against the lower face of said longitudinal beam and the other, 17, against the upper face of said beam. Secured to the lower face of said longitudinal beam 15 are two cross-beams 20, and secured to the lower faces of said cross-beams 20 are plates 21, turning up vertically at each end of said cross-beams 20 and terminating in perforated arms 22 and 23. Hinged between said arms 22 and 23 are the lower ends of loops 24 and 25. The lower ends of said loops are each provided with three or more perforations 26, by means of which they are adjustably hinged between said vertical arms 22 and 23. Said loops 24 and 25 extend over the top of the box and rest on the lid, and to the upper part of said loops 24 and 25 are secured handholds 27. Thus it will be seen that the loops may be adjusted to boxes of different heights, and by means of the slots 18 in longitudinal beam 15 said loops may also be adjusted to boxes of different lengths. Secured to the upper ends of the upright posts 1 are rests 28 to prevent said loops from falling too far back when thrown off the box.

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

1. A rectangular frame consisting of four upright posts 1, platform 2, rear sill 3, and end sills 4 and 5; recessed cross-beams 6, one secured at each end of said platform; stops 9, one secured at each end of said cross-beams; loops 24 and 25, resting on the top of a box resting in the recesses of said cross-beams, their perforated ends hanging down, one on each side of said frame; a slotted longitudinal beam 15, situated longitudinally in said frame, a little distance above the end beams 4; bolts 19, passing downwardly through said slots; cross-beams 20, secured to the lower end of said bolts and resting against the lower face of said longitudinal beam; strips 21, secured to the lower face of said cross-beams 20, their ends turning up vertically and terminating in two arms 22 and 23, in which the lower ends of said loops are hinged; rests, one at each corner of said frame, preventing said loops from falling back too far; a foot-treadle, its rear end hinged to the rear sill 3, and having near its

center a perforation, and a rod 12, threaded at each end, its lower end passing through the perforation in said treadle and adjustably secured therein by nuts 13 and 14, its upper
5 end passing through a perforation in said beam 15, and adjustably secured therein by nuts 16 and 17, substantially as shown and described and for the purposes set forth.

2. The combination of an upright oblong
10 frame; a platform secured on the top of said frame; a foot-treadle, perforated near its center, its rear end hinged to the rear sill of said frame; a beam provided with slots and a central perforation longitudinally situated in
15 said frame; a threaded rod passing through the perforation of said foot-treadle and said longitudinal beam, and adjustably secured

therein by means of nuts; cross-beams adjustably secured to the lower face of said longitudinal beam, their ends turning upwardly, 20 and loops adapted to pass over a box seated on the platform of said frame, the lower perforated ends extending downwardly and hinged to the ends of the upturned ends of the last-mentioned cross-beams, substan- 25 tially as shown and described and for the purposes set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ALFRED McHENRY.

Witnesses:

LESTER R. DE LONG,
JOSEPH D. BRYAN.