

No. 720,463.

PATENTED FEB. 10, 1903.

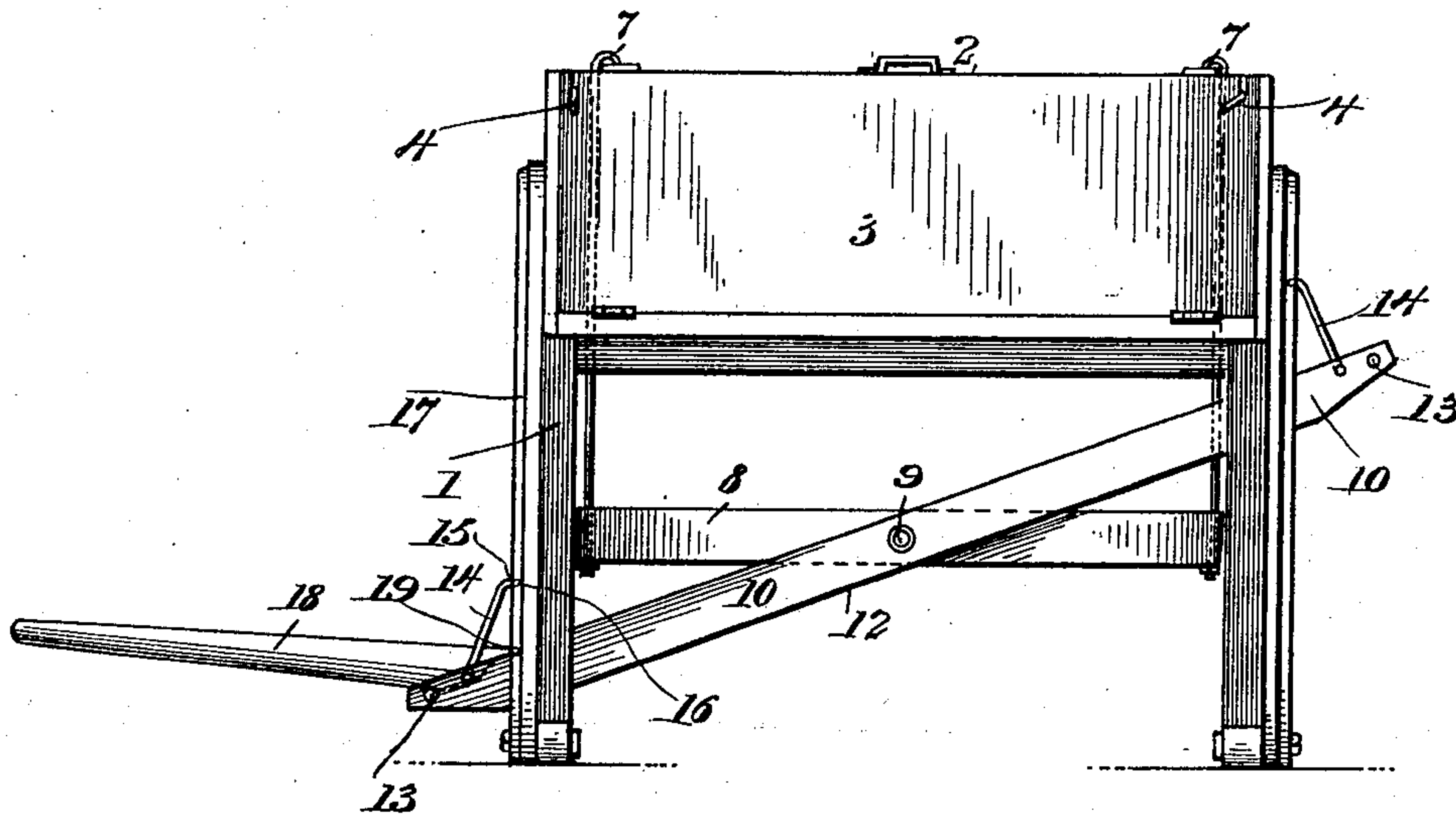
H. NESTESTU.  
TOBACCO PRESS.

APPLICATION FILED JULY 24, 1902.

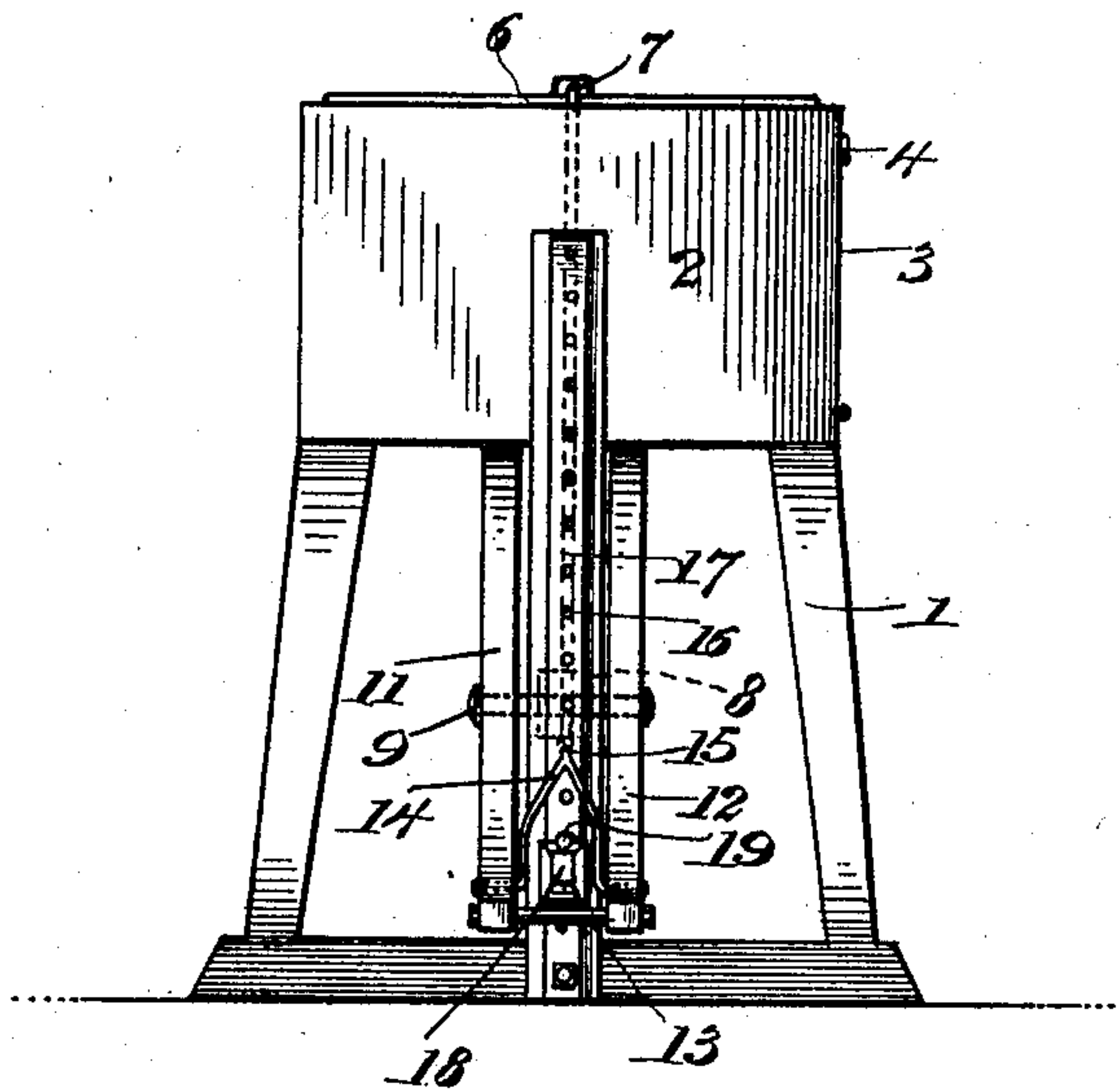
NO MODEL.

2 SHEETS—SHEET 1.

*Fig. 1.*



*Fig. 2.*



Inventor.

*Henry Nestestu,*

Witnesses

*Anton Stelt,*  
*Quiberson*

By

*A. B. Wilson & Co.*  
Attorneys

No. 720,463.

PATENTED FEB. 10, 1903.

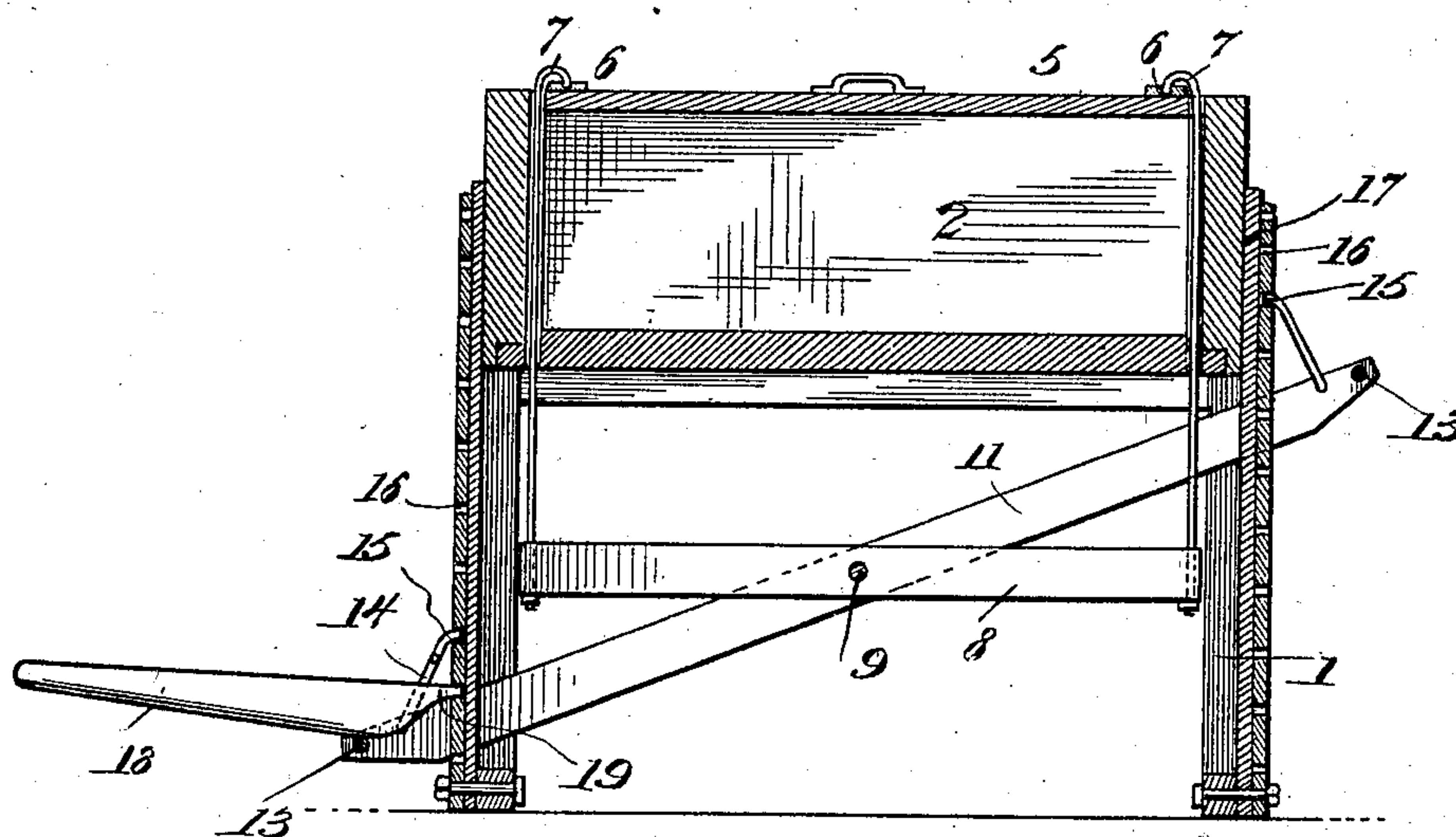
H. NESTESTU.  
TOBACCO PRESS.

APPLICATION FILED JULY 24, 1902.

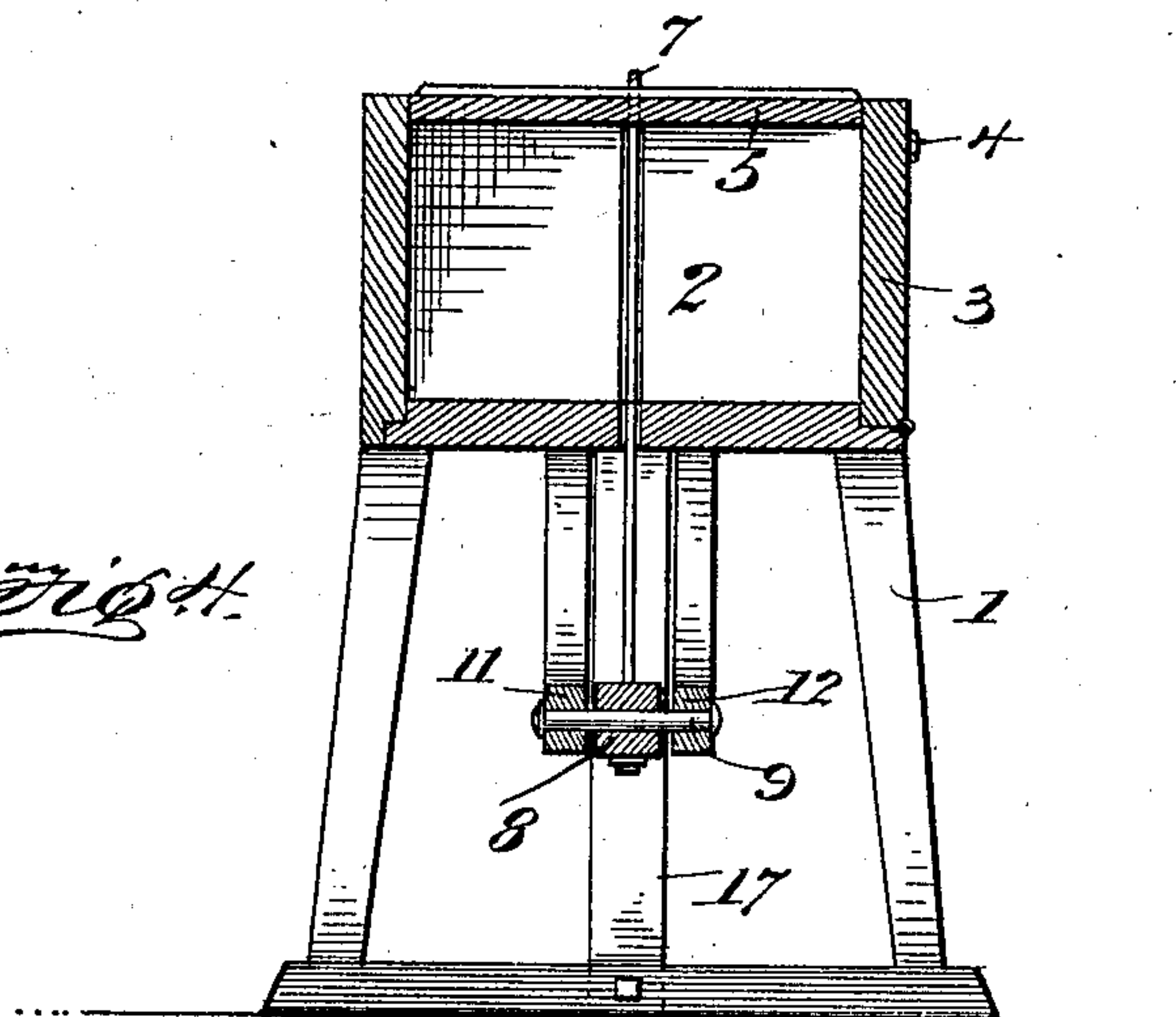
NO MODEL.

2 SHEETS—SHEET 2.

*Fig. 3.*



*Fig. 4.*



Inventor

*Henry Nestestu,*

Witnesses

*Anton Bell,*  
*Juliusson*

By

*A. B. Wilson & Co.*

Attorneys



# UNITED STATES PATENT OFFICE.

HENRY NESTESTU, OF NORA, WISCONSIN.

## TOBACCO-PRESS.

SPECIFICATION forming part of Letters Patent No. 720,463, dated February 10, 1903.

Application filed July 24, 1902. Serial No. 116,826. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY NESTESTU, a citizen of the United States, residing at Nora, in the county of Dane and State of Wisconsin, have invented certain new and useful Improvements in Tobacco-Presses; 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.

This invention relates to certain improvements in tobacco-presses.

The object of the invention is to provide a simple, durable, and efficient construction of press whereby tobacco may be conveniently pressed after its removal from the stalk, so that it may be tied in compact bales or bundles and prevented from drying out.

With this object in view the invention consists in certain novel features of construction, combination, and arrangement of parts, which will be hereinafter more fully set forth, and particularly defined in the appended claims.

In the accompanying drawings, Figure 1 is a side elevation of a tobacco-press embodying my invention. Fig. 2 is an end view of the same. Fig. 3 is a vertical longitudinal section. Fig. 4 is a vertical transverse section.

Referring now more particularly to the drawings, the numeral 1 represents a suitable supporting-frame, upon which is mounted a press-chamber 2, provided at one side with a hinged door 3, through which the baled material may be removed, thus obviating the necessity of lifting up the bundles or bales by the binding-strings in the usual way. This door 3 is held closed by suitable fastenings 4, mounted upon the end pieces of the press-chamber.

A follower-top 5 is vertically movable in the chamber 2 and provided at its ends with plates 6, having perforations to receive the hooked upper ends of draft-rods 7, vertically slidable through the bottom of the chamber and connected at their lower ends to move in unison by a cross-bar 8. This cross-bar is pivoted intermediately of its length, as shown at 9, to a draft bar or lever 10, composed of parallel side beams 11 and 12, connected at their outer ends by bolts 13 and intermediately by the bolt 9, which forms a pivotal con-

nection for the bar 8. This draft bar or lever 10 is provided at its ends with swinging bails 14, having pointed ends 15 to engage openings 16, formed in the metallic plates arranged upon standards 17 at the ends of the frame, said bails thus forming dogs or pawls to connect the ends of the bar 10 with said standards 17.

An operating-lever 18 is provided for adjusting the beam or lever 10 to impart motion to the bar 8 and is provided with a pointed end 19 to engage the openings 16 and is adapted to bear upon the bolts 13 to exert pressure on the ends of the bar 10 to force the bar 8 downward, thereby causing the follower 5 to press the material in the chamber 2 downward into a compact bale or bundle, which is bound by binding strings or cords in the usual way and removed upon the retraction of the follower through the side opening normally closed by the door 3.

In the operation of the device the material to be baled or formed into a bundle is placed in the chamber 2, the door 3 closed, and the follower-cover 5 placed in position in the chamber 2 and the hooked ends of the rod 7 engaged with the plate 6. The lever 18 is then brought into position to engage its pointed end 19 with one of the openings 16 in the standard at one end of the frame and brought to bear upon the adjusting-bolt 13 and pressed downward, whereby it is caused to turn upon the point 19 as a fulcrum and to force the adjacent end 10 of the bar downward, thus transferring motion to the bar 8, which pulls upon the rods 10 and causes the follower 5 to exert downward pressure on the material in the chamber 2. The bail 14 is then engaged with the nearest opening 16 in the standards 17 to hold the end of the bar 10 down against the resistance of material in the chamber 2, and the lever 18 is removed and applied to the opposite end of the frame and operated in like manner to force downward the opposite end of the bar 10, and this operation is continued to alternately force down the ends of the bar 10 until the follower has been moved downward in the press-box 2 a sufficient distance to compress the material to the desired density. The bundle or bale thus formed is then tied in the usual way, the door 3 opened, and the bundle removed, whereupon a new



charge of material may be placed in the chamber to be formed into a bale or bundle, as above described.

From the foregoing description, taken in connection with the accompanying drawings, the construction, operation, and advantages of my invention will be readily apparent, it is thought, without requiring a more extended explanation.

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

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

1. In a press of the character described, the combination of a press-chamber, a follower movable therein, draft-rods connected to the follower, a bar connecting said rods, a draft-lever pivotally connected to the bar, an operating device adapted to be alternately applied to the opposite ends of the lever to force the same downward, and means for securing the ends of the lever to the frame to prevent up-

ward movement thereof under the resistance of the material being compressed, substantially as described.

2. In a device of the character described, the combination with a supporting-frame, of rack-bars at opposite ends of the frame, a press-chamber carried by the frame, a follower movable in said press-chamber, rods connected to the follower, a bar connecting said rod, a draft-lever pivotally connected to said bar and provided at its ends with dogs or pawls to engage the said rack-bars upon the ends of the frame, and an operating-lever adapted to be applied to the opposite ends of the draft-lever for alternately forcing the same downward and drawing upon the rods to cause the follower to compress the material in the press-chamber, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

HENRY NESTESTU.

Witnesses:

B. O. AUBY,  
N. G. LARSON.