

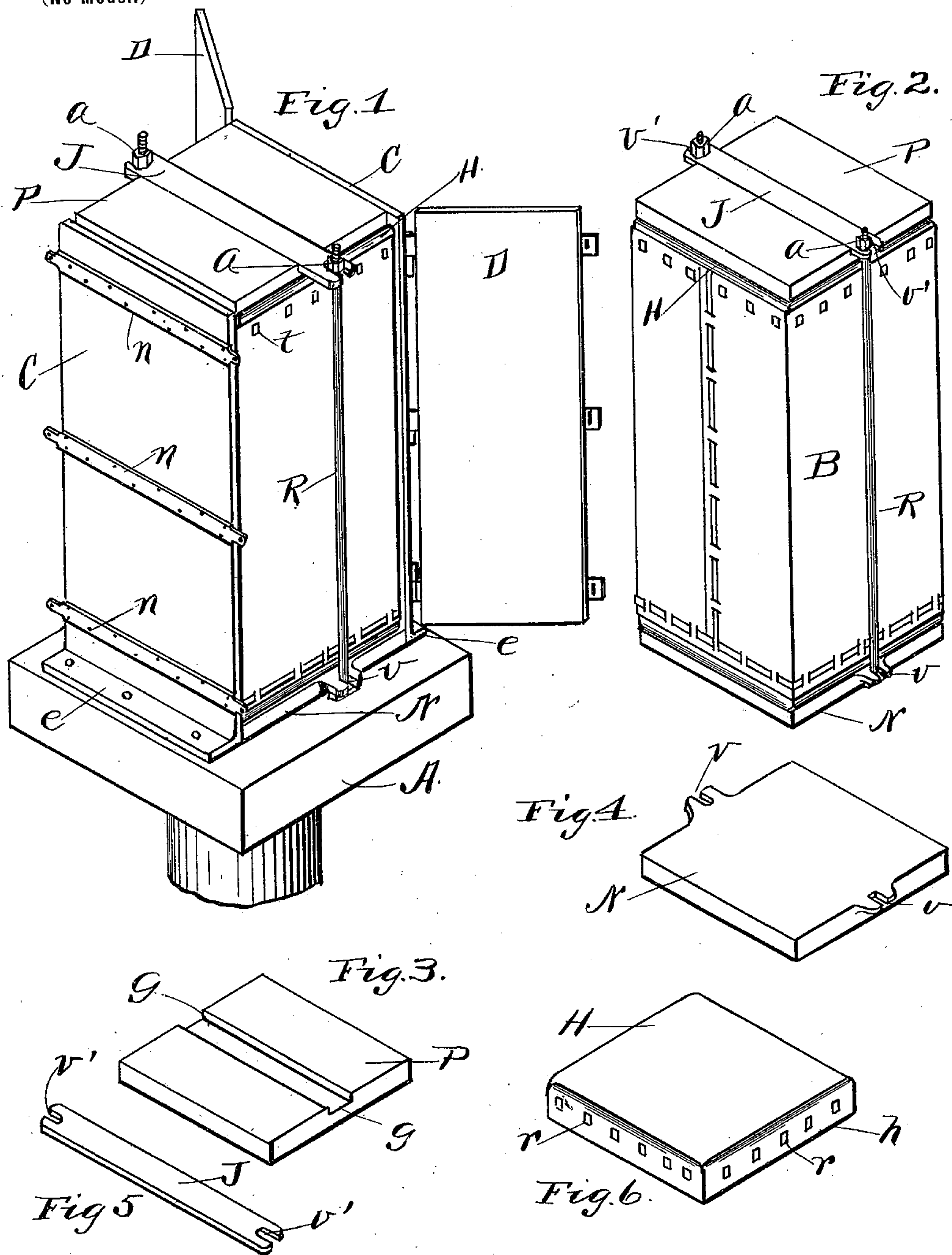
No. 631,448.

Patented Aug. 22, 1899.

J. C. TAFT.
CASE HOLDER FOR PRESSES.

(Application filed Nov. 19, 1898.)

(No Model.)



Witnesses:

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UNITED STATES PATENT OFFICE.

JEROME C. TAFT, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR TO THE
AMERICAN COTTON BALE COMPANY, OF SAME PLACE.

CASE-HOLDER FOR PRESSES.

SPECIFICATION forming part of Letters Patent No. 631,448, dated August 22, 1899.

Application filed November 19, 1898. Serial No. 696,861. (No model.)

To all whom it may concern:

Be it known that I, JEROME C. TAFT, of Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Case-Holders for Presses; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to the apparatus designed to hold material that has been forcibly compressed in a press to allow it to be removed from the press to be more permanently secured. It is fully explained and illustrated in this specification and the accompanying drawings.

Figure 1 shows a case in the press-receptacle ready to be removed, with its head temporarily held in by the device. Fig. 2 represents the case removed from the press, with the head still held by the device and ready to be permanently secured. Fig. 3 is a top plate used to hold the head in the case. Fig. 4 is a bottom plate on which the lower head rests while the case is in the press. Fig. 5 is a cross-bar that holds the top plate down. Fig. 6 shows the upper head of the case separate.

The object of this invention is to facilitate the pressing of material into cases or balls in presses by providing means for temporarily holding the material, so that the compressed material can be taken from the press and the process of permanently securing it done away from the press, which will allow the latter to proceed with its work of filling and pressing the material without delaying the press to finish the operation.

The construction and application are as follows: Referring to Fig. 1, A represents the bottom plate of the press, on which are the two upright side plates C C, made fast to the bottom plate A by means of screw-bolts passing down through the flanges *e e* in plate A. Each side plate C has a door D hinged to it and proper fastenings to secure the doors when shut to form a receptacle for the packing-case B, which is made of sheet metal or wire and into which cotton or other like material is to be compressed. The case B after having its lower head made fast in it is placed

on the plate N, (represented in Fig. 4,) previously put between the side plates C C, as in Fig. 1. The doors D D are then shut to and made fast by means of the bars *n n*. The case B is then repeatedly filled with cotton and compressed until it is full. Then the pressure is removed from the cotton, and the cap H is put into the feed-box and the top plate P is placed on it. Then the pressure is again applied until the head is forced in level with the top of the case. The doors D D are then opened and the bar J is put in the slot *g*, and a rod R having a head on one end and a nut *a* fitted to screw on the other end is placed one on the front and one back of the case, the heads of the rods fitting in slots made for them, the ears on each side of plate N, and the upper ends of the rods sliding into the slots in the ears *v'* on the bar J of the upper plate P. The nuts *a a* are then screwed down tight on the bar J, and the case B is ready to be removed from the press and it appears as seen in Fig. 2. It is now ready for the head H to be made fast to the case, which is done by lacing a narrow strip of sheet metal back and forth through the holes *r* in the head-flange and the holes *t* in the case. The nuts *a* are then unscrewed, the rods and plates N and P removed, and the case is ready for transportation.

The apparatus as above described is adapted to be used without the case B when desired, the bale to be secured with wires or bands after it leaves the press.

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

The combination of the plate as N, having ears on two opposite sides provided with slots, a plate as P, having a groove in its upper side, a bar fitted into said groove and provided with slots in its end, with rods having heads on one end and nuts fitted to screw on their other ends, substantially as described and for the purpose herein set forth.

In testimony whereof I have hereunto set my hand this 5th day of November, A. D. 1898.

JEROME C. TAFT.

In presence of—

CHARLES L. BARLOW,
BENJ. ARNOLD.