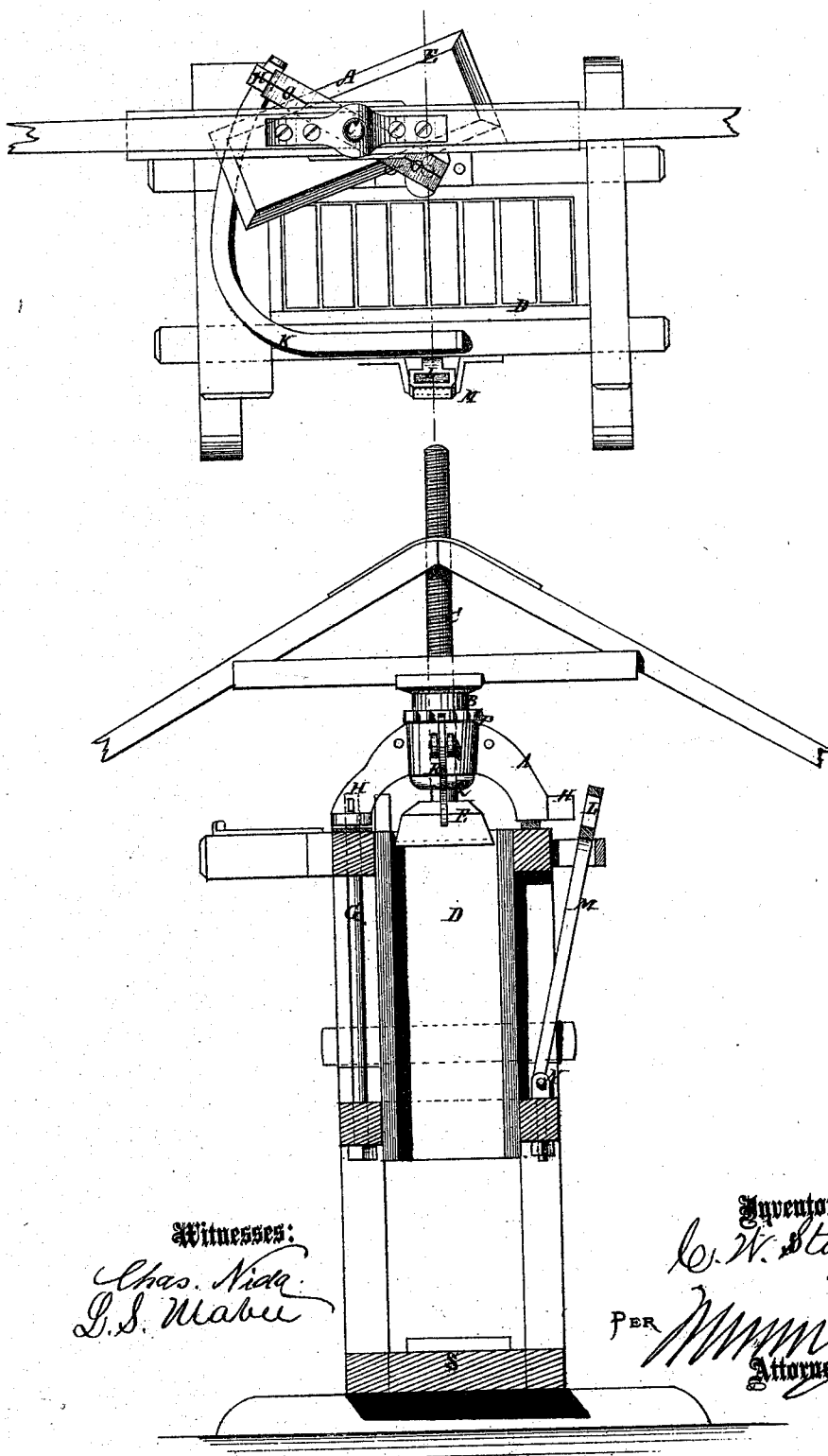


C. W. Stopple,

Hay Press.

No. 106,229.

Patented Aug. 9. 1870.



Witnesses:

Chas. Nida
L. S. Mabe

Inventor:

C. W. Stopple

PER

[Signature]
Attorneys.

United States Patent Office.

CHARLES W. STOPPLE, OF HOUSTON, TEXAS.

Letters Patent No. 106,229, dated August 9, 1870.

IMPROVEMENT IN COTTON AND HAY-PRESSES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, CHARLES W. STOPPLE, of Houston, in the county of Harris and State of Texas, have invented a new and useful Improvement in Cotton and Hay-Presses; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to improvements in cotton and hay-presses of that class wherein the follower is worked by a screw, and consists in hinging the yoke which supports the screw-nut upon the top or end of the case, so that, when the follower is drawn out, the yoke and follower may be swung around for convenience in filling the case.

It also consists in constructing the yoke in two parts, and arranging them so as to admit of applying a nut with flanges above and below the yoke, permanently connected to it, or formed on it; and

It also consists in an arrangement of the pivot-bolt of the yoke, and the holding-link for the free end, for distributing the strain upon the case in a way to prevent injury to the same.

Figure 1 represents a plan view of my improved press, and

Figure 2 represents a transverse sectional elevation of the same.

Similar letters of reference indicate corresponding parts.

A is the yoke for supporting the screw-threaded nut B, for the screw C, by which the follower E is worked back and forth in the case D.

This yoke is pivoted at F to a pivot-bolt, G, running down through the upper and lower cross-beams of the case; the other end H of the yoke is free to turn on the pivot for swinging away from the end of the case, to permit ready access to it, as shown in fig.

1, and a curved bar or track, K, is provided for it to move upon.

This end H projects in a suitable way to receive the eye L of a link-bar, M, pivoted at N to the lower part of the case, to hold the yoke when in position for forcing down or raising up the screw.

This yoke is made of two parts joined together longitudinally and vertically on the line O, and suitably bolted together, so as to clamp around the nut between the collars P and Q, which are formed in permanent connection with the nut, which is necessary to enable them to withstand the great pressure thereon.

The collar P is notched, and a hand-pawl, R, is arranged on the yoke and in connection with the notches, in a way to be held in engagement with them to prevent the follower from turning when swinging out or in, so that, when brought back to be screwed down, it will be in the right position.

By reason of the connection of the rod G and the link M with the lower cross-beams of the case, the strain is so distributed thereon that it will bear on the same to better advantage, especially when the said lower beams are connected by other rods at the corners of the frame with the bed S, which I propose to do in practice.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

1. The pivoted swinging yoke A, combined with track K, pivoted link-bar M, and nut B, as and for the purpose described.

2. The yoke A, formed in two sections, combined with nut B, and ratchet-collar P, and plain collar O, formed solid, as described, and for the purpose specified.

C. W. STOPPLE.

Witnesses:

A. EDGEComb,
W. S. SCHILLER.