

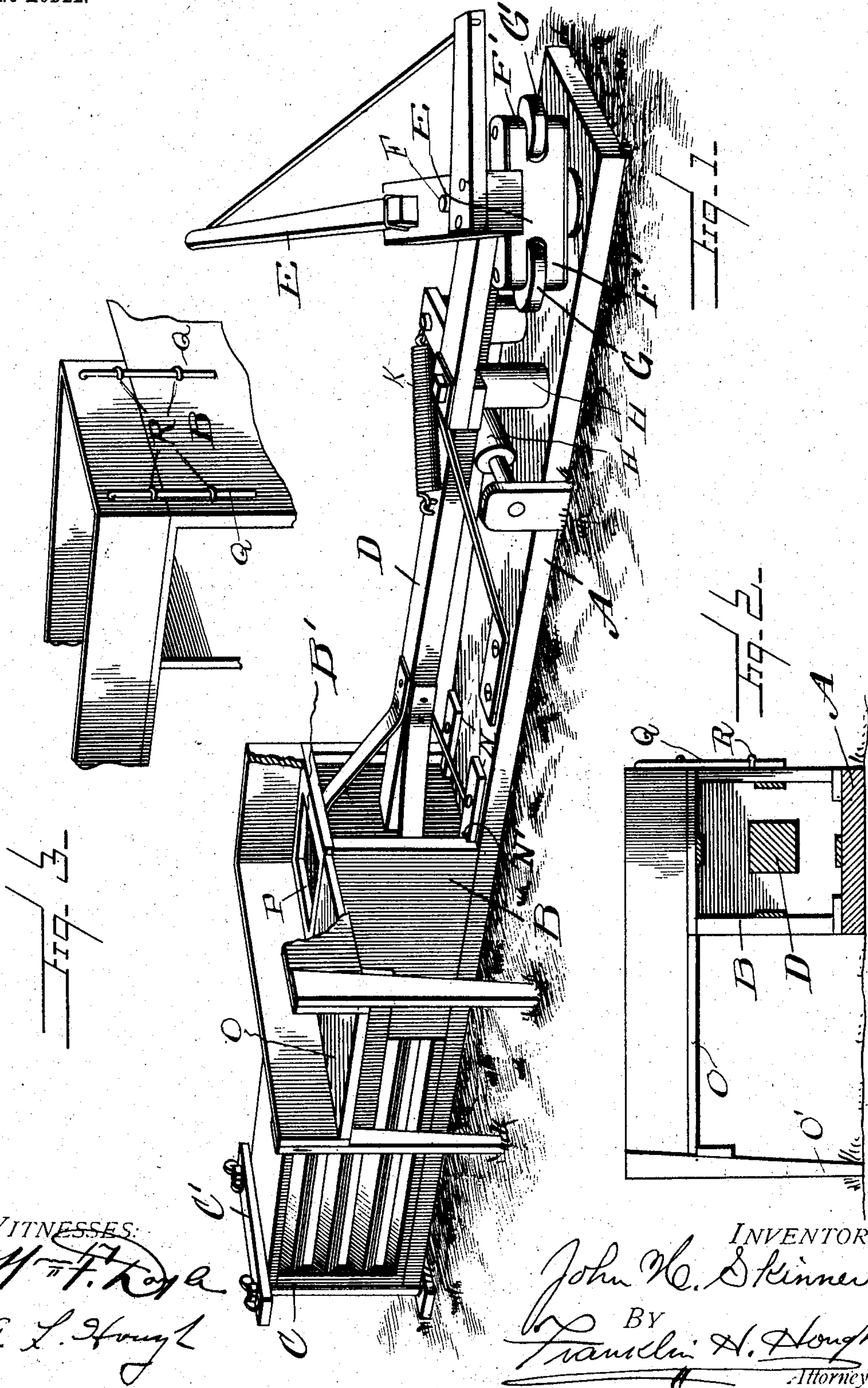
No. 773,104.

PATENTED OCT. 25, 1904.

J. H. SKINNER.
HAY PRESS.

APPLICATION FILED JAN. 16, 1904.

NO MODEL.



WITNESSES:

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JOHN HENNERY SKINNER, OF ANGUS, TERRITORY OF NEW MEXICO.

HAY-PRESS.

SPECIFICATION forming part of Letters Patent No. 773,104, dated October 25, 1904.

Application filed January 16, 1904. Serial No. 189,355. (No model.)

To all whom it may concern:

Be it known that I, JOHN HENNERY SKINNER, a citizen of the United States, residing at Angus, in the county of Lincoln and Territory of New Mexico, have invented certain new and useful Improvements in Hay-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, 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 new and useful improvements in baling-presses and attachments therefor, and comprises various details of constructions and combinations of parts, which will be hereinafter fully described and then specifically defined in the appended claim.

My invention is illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this application and in which similar letters of reference indicate like parts in the views, in which—

Figure 1 is a perspective view of my improved baling-press. Fig. 2 is a sectional view transversely through the feeding-table and press-box.

Reference now being had to the details of the drawings by letter, A designates a platform running the entire length of the frame of the apparatus, and B designates a press-box with an opening B', through which material to be baled is fed. The bottom of the press-box and the sides are solid and are provided with grooves for the reception of bale-wires. At the rear end of the box are the rods C, which have winged nuts mounted upon their upper threaded ends adapted to bear against the cross-pieces C' upon the rear end of the box providing a tension means for securely holding the bale as it is expressed from the box.

D designates a plunger-beam having a plunger upon its inner end suitably braced and has reciprocal movement within the press-box.

A sweep E is provided, which is fastened to the rotary post F, having oppositely-disposed bifurcated arms F', carrying antifric-

tion-wheels G', one of which is adapted to contact with the end of the plunger-beam at each half rotary movement of the post for the purpose of driving said plunger and beam forward to the farthest limit. Antifriction-rollers H and H' are provided, the former of which is mounted vertically in suitable bearings, while the latter is mounted horizontally in an upright standard upon the frame of the apparatus. These antifriction-rollers are provided to lessen the friction upon the plunger-beam as it reciprocates. A spring K is fastened at one end to the plunger-beam and at its other end to a stationary part of the frame and is provided to retract the plunger after having been driven forward by the antifriction-roller carried at the end of one of the arms of the rotary post.

In order to hold the press-box steady, buttons N are provided pivotally mounted upon the upper surface of the platform provided with notched ends N', which engage the inner faces of the walls of the press-box, as shown in perspective view in the drawings. While said notched buttons serve to securely hold the sides of the press-box against longitudinal movement in one direction to prevent any strain that may come upon the sides of the box, the inner marginal edges of said buttons also serve as guides to the longitudinal movement of the plunger, notched portions of said plunger having play over the buttons.

O designates a table having legs O' at its outer end and has an aperture P, through which the material may be fed to the opening in the press-box. Rods Q project from the inner end of the flange or side wall of the table, which are adapted to engage eyes R upon the outer face of the press-box, as shown clearly in the drawings.

From the foregoing it will be observed that by the provision of a baling-press embodying the features of my invention an economical apparatus is provided which may be easily constructed and in which provision is made for securely holding and bracing the press-box and securely holding the table to the latter.

While I have shown a particular construction of mechanism illustrating my baling-press, it will be understood that I may make

alterations, if desired, in the detailed construction of the same without in any way departing from the spirit of the invention.

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

In combination with a baling-press box and platform upon which the same is mounted, a plunger and means for driving the same, buttons N pivotally mounted upon said platform
10 and having notched portions adapted to engage the side walls of said press-box, a table

adapted to rest upon said press-box and legs for supporting one end thereof, eyes upon the opposite face of the press-box and rods 15 projecting from the sides of said table and adapted to engage said eyes, as shown and described.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

JOHN HENNERY SKINNER.

Witnesses:

P. G. PETERS,

F. H. HOUGH.