

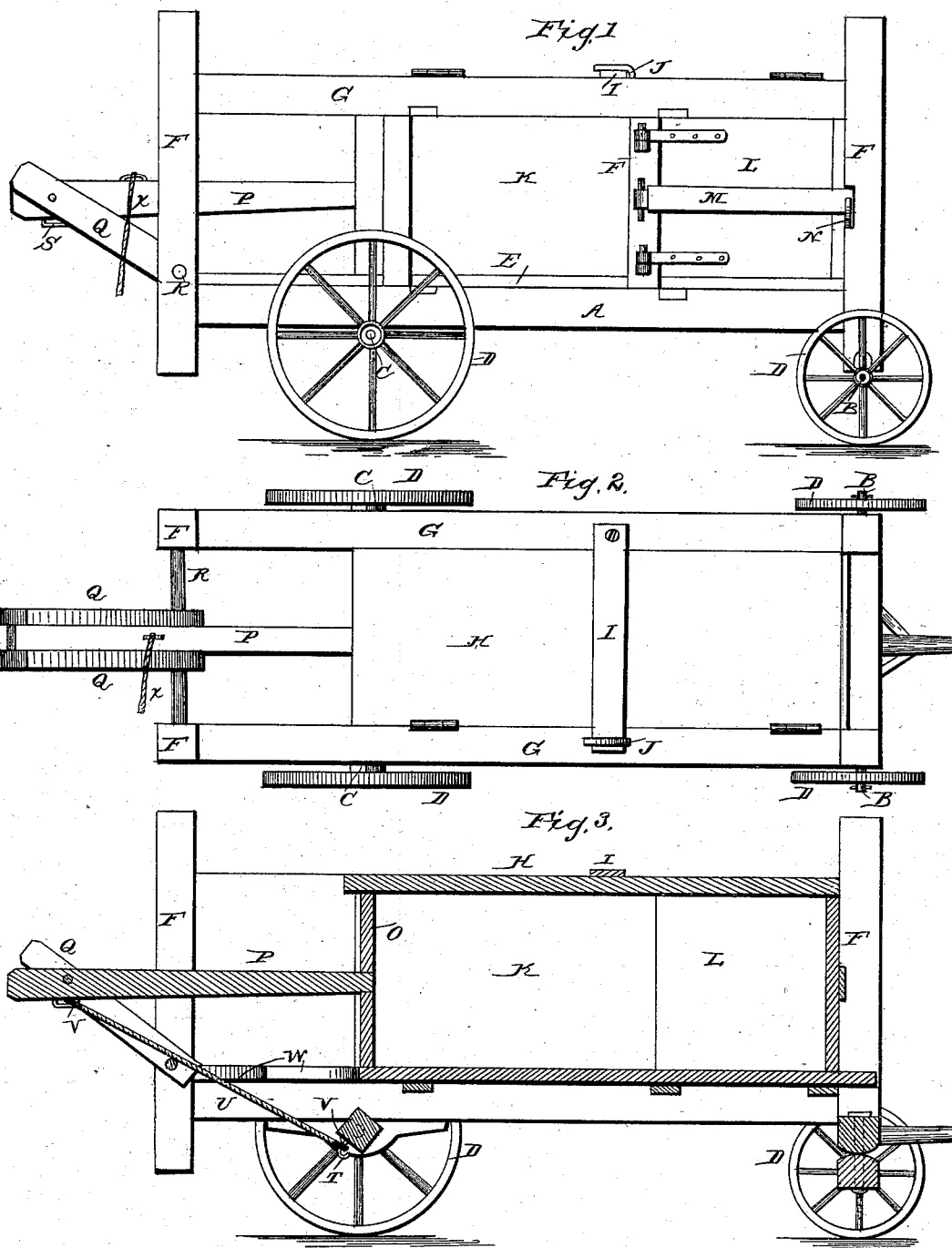
(No Model.)

J. W. KITCHENS.

BALING PRESS.

No. 261,855.

Patented Aug. 1, 1882.



WITNESSES:

*Ad. L. Dieterich,*  
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INVENTOR.

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# UNITED STATES PATENT OFFICE.

JOHN W. KITCHENS, OF SKULLYVILLE COUNTY, INDIAN TERRITORY.

## BALING-PRESS.

SPECIFICATION forming part of Letters Patent No. 261,855, dated August 1, 1882.

Application filed June 22, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN W. KITCHENS, of the county of Skullyville, Indian Territory, have invented certain new and useful Improvements in Baling-Presses; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a side view, Fig. 2 is a top view, and Fig. 3 is a longitudinal sectional view, of my improved baling-press.

Corresponding parts in the several figures are denoted by like letters of reference.

This invention relates to presses for baling hay, cotton, and the like; and it consists in certain improvements in the construction of the same, which will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, A represents the bed-frame of my improved press, which is supported upon axles B C, having wheels D. The front axle, B, is swiveled under the bed-frame and provided with revolving wheels, while the wheels of the rear axle, C, are rigid upon the latter, which is journaled in suitable boxes or bearings under the bed-frame. The bed-frame supports the bottom E of the press-box, and also the uprights F, supporting the cap-beams G. The top H of the press-box is hinged to one of the latter, while to the other one is hinged a brace or arm, I, serving to hold the cover H in a closed position when its free end is inserted under a hook or staple, J, of the opposite cap-beam. The sides K of the press-box have doors L at the front end, said doors being hinged to uprights F, and capable of being secured by bars M, hinged to said uprights, and capable of having their free ends inserted in catches N at the front end of the frame.

O is the follower, which slides longitudinally in the press-box. The follower has a rearward-projecting hinged arm or stem, P, to the rear end of which is pivoted a pair of arms, Q Q, the rear ends of which are pivoted upon a transverse shaft, R, at the rear end of the frame. The follower-stem has on its un-

der side, near its rear end, a staple, S, and a similar staple, T, is driven in the rear revolving axle of the machine.

U is a rope provided at its ends with hooks V V, capable of engaging the staples S T, said rope passing through a slot, W, in the bottom of the press-box. Another rope, X, is permanently attached to the follower-stem.

In operation the follower is drawn back by means of the rope X. The top or cover H is opened and the press-box packed. The cover is then closed and secured. The machine is then drawn over the ground, thus causing the rope U to be wound upon the rear revolving axle, thus forcing the follower forward and compressing the contents of the box. One or both of the doors L may now be opened and the bale tied and removed, when the press is ready for a repetition of the operation.

My improved hay-press is exceedingly simple in construction, durable, inexpensive, and convenient.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. The combination of the bed-frame mounted upon axles, the rear one of which revolves in suitable boxes under said frame, the press-box, the follower sliding in the latter, and having a rearward-projecting stem, arms pivoted to the rear end of said stem and to a transverse shaft at the rear end of the frame, and a rope connecting the rear end of the follower-stem with the revolving axle, as set forth.

2. The combination and arrangement, as described, of the press box, the follower having a hinged stem provided with a staple at its rear end, the pivoted arms connecting said stem with a shaft secured transversely at the rear end of the frame, the revolving rear axle having a staple, and a rope having hooks at both ends to engage the staples of the revolving axle and the follower-stem, as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JOHN WESLEY KITCHENS.

Witnesses:

WASHINGTON B. PLAXCO,  
WILLIAM J. KITCHENS.