

(No Model.)

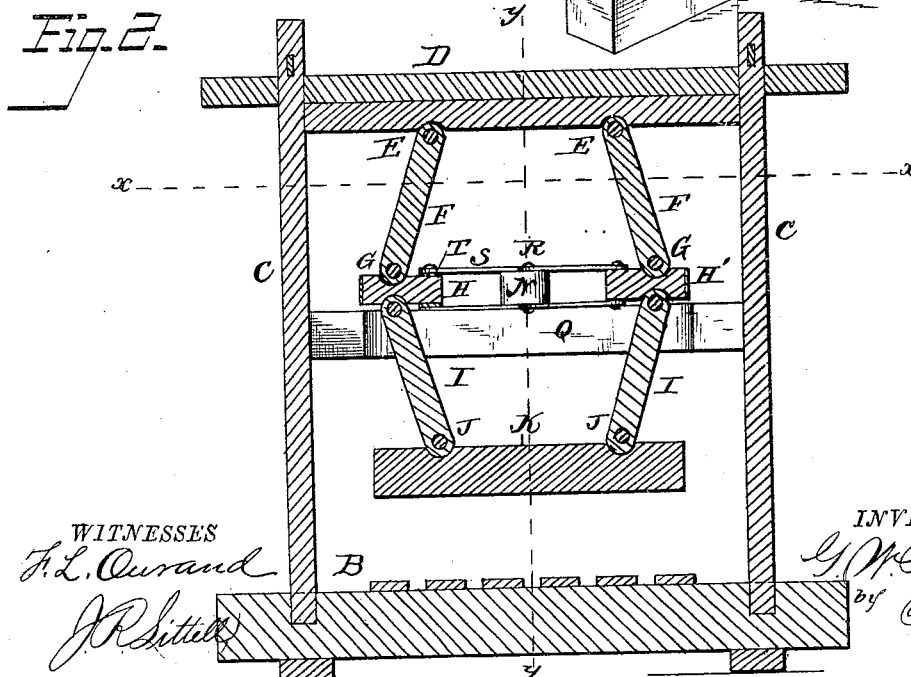
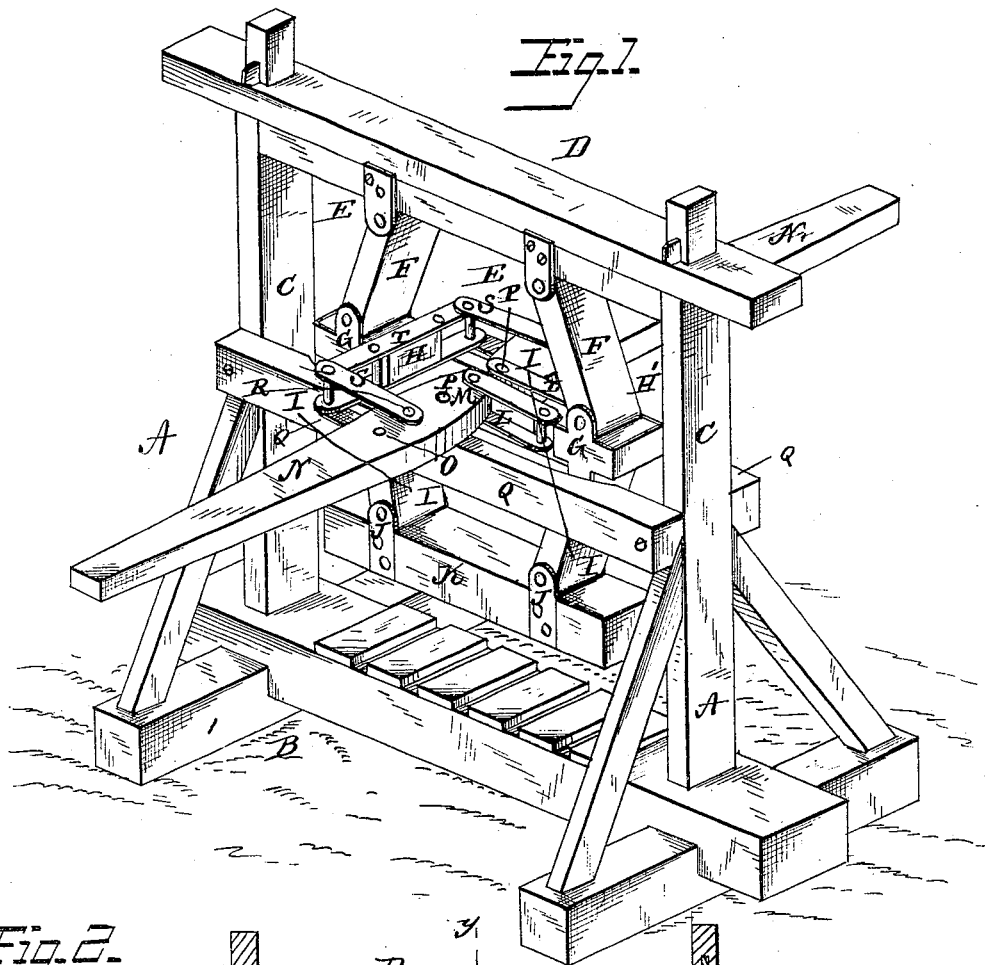
2 Sheets—Sheet 1.

G. W. ROBBURTS.

BALING PRESS.

No. 263,431.

Patented Aug. 29, 1882.



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Fig. 3.

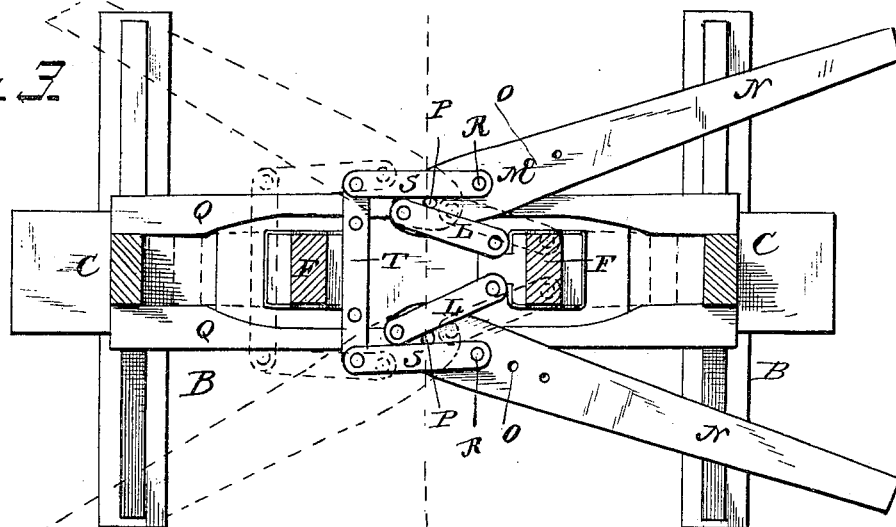
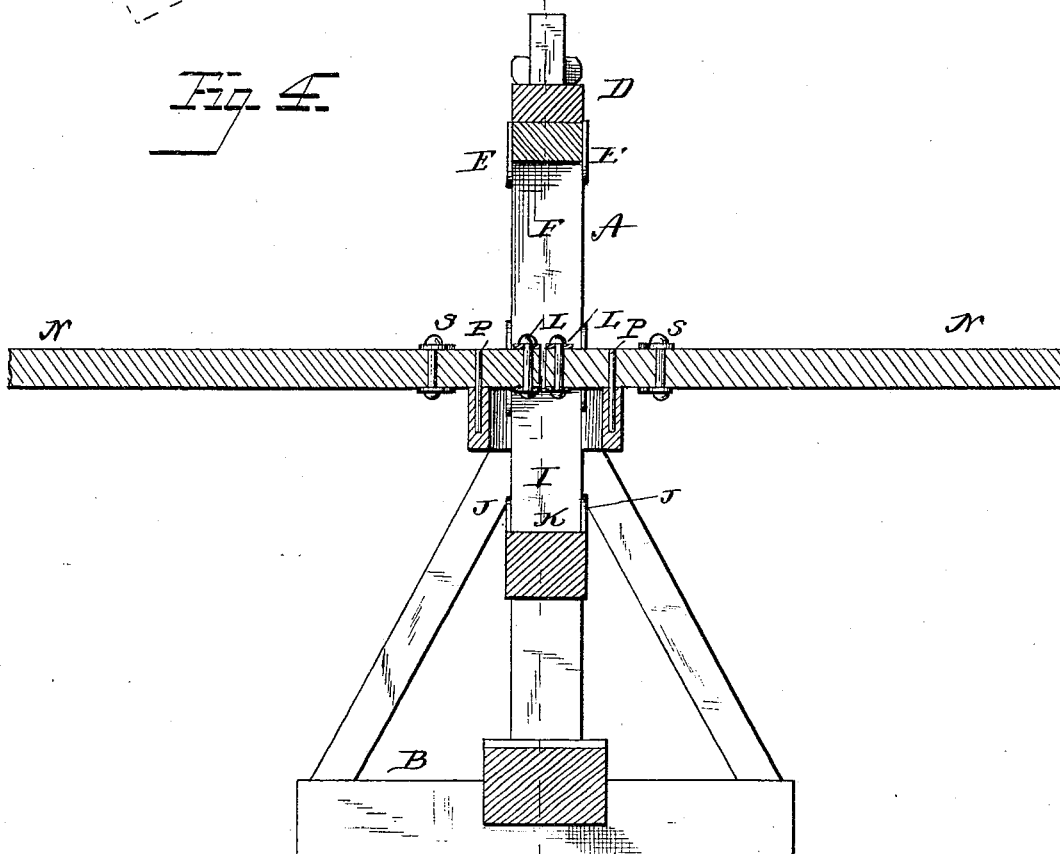


Fig. 4.



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UNITED STATES PATENT OFFICE.

GEORGE W. ROBBURTS, OF ELMO, TEXAS, ASSIGNOR OF ONE-HALF TO
JOHN E. POLK, OF SAME PLACE.

BALING-PRESS.

SPECIFICATION forming part of Letters Patent No. 263,431, dated August 29, 1882.

Application filed July 12, 1882. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. ROBBURTS, of Elmo, in the county of Kaufman and State of Texas, 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.

This invention relates to baling-presses for cotton and the like; and it consists in certain improvements in the construction and operation of the same.

In the drawings, Figure 1 is a perspective view of my improved press; Fig. 2, a vertical sectional view thereof; Fig. 3, a horizontal sectional view on the line *x x*, Fig. 2; and Fig. 4, a vertical transverse sectional view on the line *y y*, Fig. 2.

Referring by letter to the drawings, A designates the frame, which comprises the base-block B, vertical side pieces, C C, and transverse top piece, D. On the latter are arranged two brackets or hangers, E E, to each of which is pivoted a downwardly-extending arm, F, pivoted at its lower end between the side plates, G G, of an elbow-block, H.

I I are corresponding arms pivoted to the plates G G, the same as arms F F, and extending downwardly, their lower ends being pivoted between straps J J, arranged in pairs, one near each end of the follower K.

To one of the elbow-blocks H' are pivoted two pairs of inwardly-extending straps or links, L L, with their free ends embracing and pivoted to the extreme inner ends, M M, of two laterally-projecting levers, N N. The latter are each provided at their ends M with a series of perforations, O, and are pivoted on pins P P, projecting from two horizontal guide cross-pieces, Q Q, supported on uprights C C.

In perforations O outside of straps L are pivoted by a pin or bolt, R, corresponding pairs of straps or links, S S, each pair being pivoted to a lateral extension, T, on elbow-block H.

The operation and advantages of my invention will be readily understood. By operating levers N N the elbow-blocks H H' are thrown outwardly with the arms F F and I I, thus raising the follower K. By moving the levers in the opposite direction the elbow-blocks are brought together and the arms I I caused to depress the follower to compress the bale.

The apparatus is simple, powerful, inexpensive, and easily operated.

I claim and desire to secure by Letters Patent—

1. The combination, with the shoulder-blocks H H', carrying the pivoted arms, the former block having pivoted straps or links S S, pivoted in pairs to lateral extensions T, and the latter having like pairs of straps or links, L L, pivoted direct to block H', of the pivoted levers N N, having straps L L pivoted to their extreme weight ends and straps S S on the opposite side of their fulcrum, substantially as set forth.

2. The combination, with the frame having the base-block B and top piece, D, of the pivoted arms F F and I I, the latter carrying and pivoted to the follower, the elbow-blocks H H', carrying respectively links or straps S S and L L, and the laterally-extending pivoted levers N N, having the said links pivoted thereto, substantially as set forth.

3. The combination, with the frame comprising base-block B, uprights C C, and top piece, D, and cross-pieces Q Q, of arms F F, pivoted to brackets or hangers on the top piece, arms I I, pivoted to hangers on the follower, elbow-blocks H H', the former having extension T, to which two pairs of straps or links, S S, are pivoted, and the latter having pivoted straps or links L L, and the laterally-projecting levers N N, pivoted to pieces Q Q, and having links S S and L L pivoted thereto, substantially as set forth.

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

GEORGE W. ROBBURTS.

Witnesses:

R. F. STOVALL,
H. K. HART.