

GEORGE F. FELTON.

Improvement in Baling-Presses.

No. 125,944.

Patented April 23, 1872.

Fig. 1.

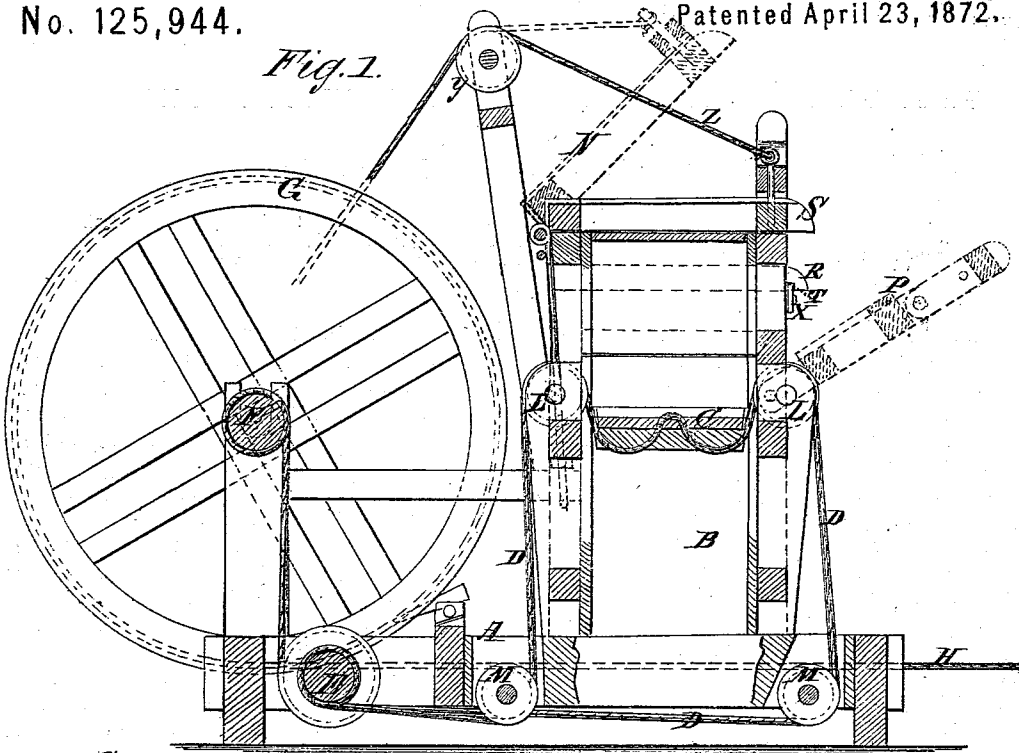


Fig. 2.

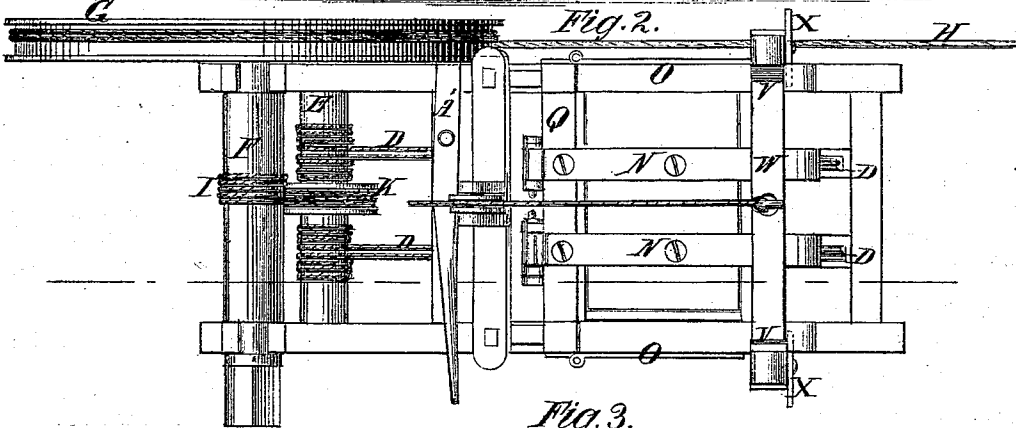


Fig. 3.

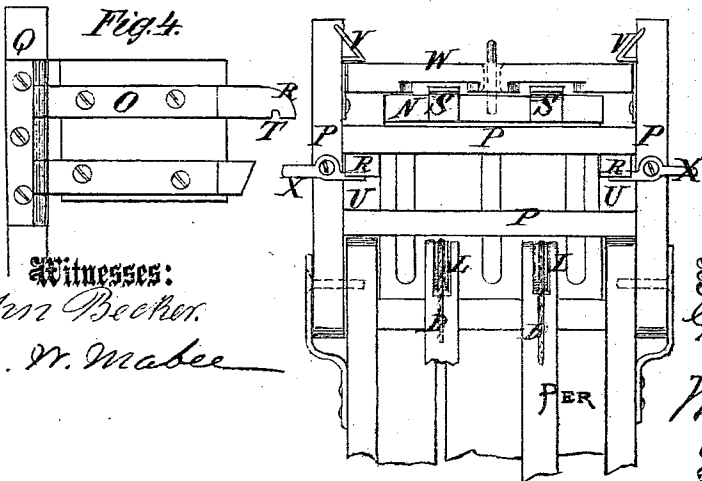
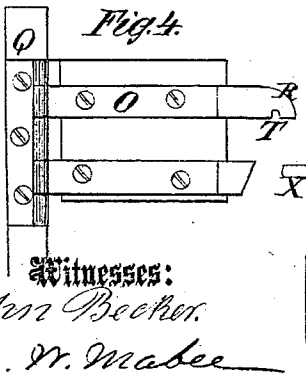


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

GEORGE F. FELTON, OF DE PERE, WISCONSIN.

IMPROVEMENT IN BALING-PRESSES.

Specification forming part of Letters Patent No. 125,944, dated April 23, 1872.

Specification describing a new and Improved Press, invented by GEORGE F. FELTON, of De Pere, in the county of Brown and State of Wisconsin.

My improvement comprises a press and horse-power apparatus for working it, mounted on a portable platform, and arranged to press the bale into the upper part of the press-case by ropes actuated by the horse-power and working over pulleys arranged in the side of the case, in such manner as to let the follower fall into the bottom of the case for filling and to raise it up for pressing, the said ropes passing on the outside downward from said pulleys to guide the pulleys in the bottom of the platform and thence to the drum, on which they are wound by the horse-power. The invention also comprises an arrangement of the front doors of the upper part of the case for holding the side and top doors shut during the pressing, and for releasing them readily for releasing the bale.

Figure 1 is a longitudinal sectional elevation of my improved press. Fig. 2 is a plan view. Fig. 3 is a partial front elevation, and Fig. 4 is a partial side elevation.

Similar letters of reference indicate corresponding parts.

A is the platform, B the press-case, C the follower, D the ropes for working the follower, E the drum for winding up the rope D, F the shaft, G the wheel, and H the rope of the horse-power for working the said drum E by means of a rope, I, and a large driver, K, on the drum E. D D are ropes running over the guide-pulleys L M for actuating the follower C. The top N, sides O, and front P of the top of the case,

in which the bale is compressed, are hinged to the back Q for opening to release the finished bale; and said sides are provided with projections R at the free ends, by which they are locked shut by the front P, which consists of a strong frame with openings U, through which the projections R extend, and brackets V, under which a button, W, on the top of the cover locks, to fasten it when shut down and the front is closed up. X represents buttons on the front side of the front P, which engage the projections R in notches T, to hold the said front up when the pressing is going on. The top has a cord, Z, connected to it and passing over a pulley, for raising it up after the bale has been completed. A' is a brake-lever, to regulate the descent of the follower.

This plan affords a simple and cheap press and operating gear, all in a compact portable machine, well adapted for the purpose, and calculated to work with economy and despatch.

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

1. The combination of the ropes D, guide-pulleys L M, drum E, and horse-power H F G with the press, said press and horse-power being mounted on a platform, A, and all arranged substantially as specified.

2. The sides O, top N, and front P of the press, arranged to be interlocked by means of the buttons X and W, in the manner described.

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