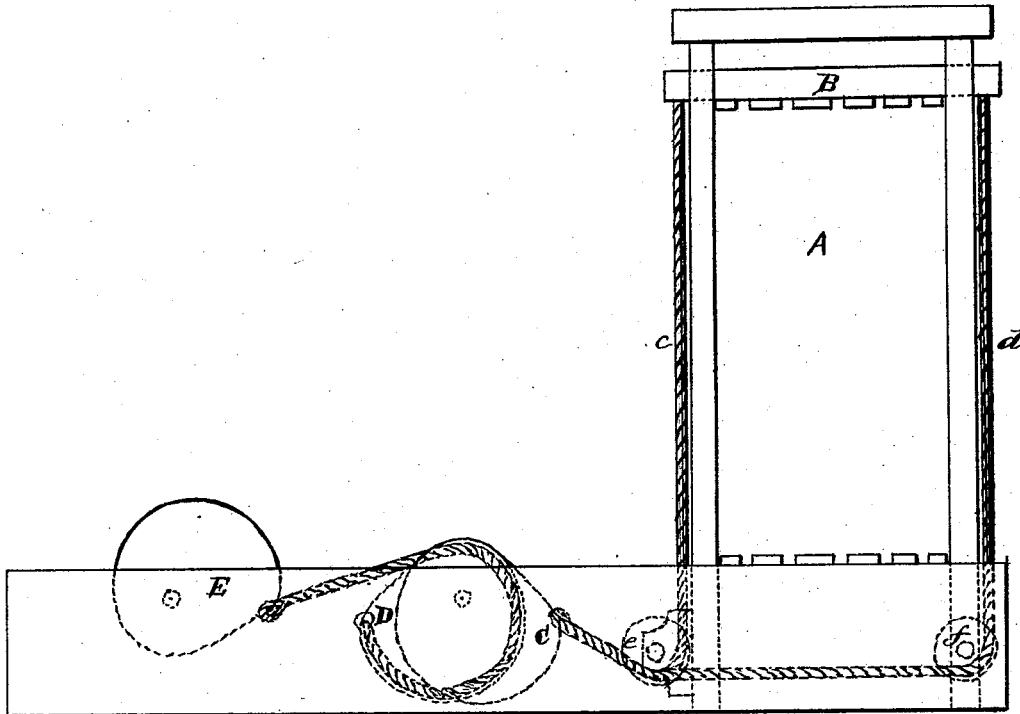


G. H. AYLWORTH.
PRESSING AND BALING HAY.

No. 112,766.

Patented Mar. 21, 1871.



Witnesses

E. S. Aylworth

B. H. Aylworth

Inventor

G. H. Aylworth

UNITED STATES PATENT OFFICE.

GEORGE H. AYLWORTH, OF BRIGHTON, ILLINOIS.

IMPROVEMENT IN PRESSING AND BALING HAY.

Specification forming part of Letters Patent No. 112,766, dated March 21, 1871.

To all whom it may concern:

Be it known that I, GEORGE H. AYLWORTH, of Brighton, in the county of Macoupin and State of Illinois, have invented certain new and useful Improvements for Pressing and Baling Hay; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, and to the letters of reference marked thereon, like letters indicating like parts wherever they occur.

To enable others skilled in the art to construct and use my invention, I will proceed to describe it, and the manner of its operation.

Figure 1 represents a side view.

I first construct a light vertical frame or press-box, A, leaving openings or slots in two opposite sides, extending from one end nearly to the other. Within the press-box I place a pressure-bar, B, with the ends projecting through the side openings, to which are attached the ropes or other connections to the pressing power. At the base of the press-box I place two eccentric grooved pulleys, C D, of an irregular oblong form, fastened together upon a revolving shaft. To the pulley C, I attach a rope leading to the pressure-bar B, and to the pulley D I attach a rope leading to one or more similar pulleys, E. I then attach the connecting-ropes *c d* so that when the pulleys commence to revolve the ropes will wind

over the long end of the eccentric. By this means a high rate of speed is obtained, and at the end of the revolution the ropes wind over the short end of the eccentrics, thus producing power.

In operating my press, I first place the pressure-bar at the top of the press; put a small quantity of hay in the press. I then make a revolution of the pulleys, which draws the pressure-bar nearly to the bottom of the press, making a complete and finished pressing of the hay which has been operated upon. The follower and pulleys are then brought back to their first position, and the filling and pressing repeated as often as may be required to press a bale of any desired size. By this means I am enabled to press very rapidly, making a small compact bale.

The press is light, portable, simple, and convenient in its operation.

Having this fully described my invention, I claim—

The arrangement in the press, herein described, of the vertical frame A, pressure-bar B, cords *c d*, and eccentric pulleys C, D, and E, when all these parts are constructed and operated as shown and described, for the purpose set forth.

GEORGE H. AYLWORTH.

Witnesses:

E. S. AYLWORTH,
B. H. AYLWORTH.