

A. S. BROWN.

Improvement in Hay Elevators.

No. 124,787.

Patented March 19, 1872.

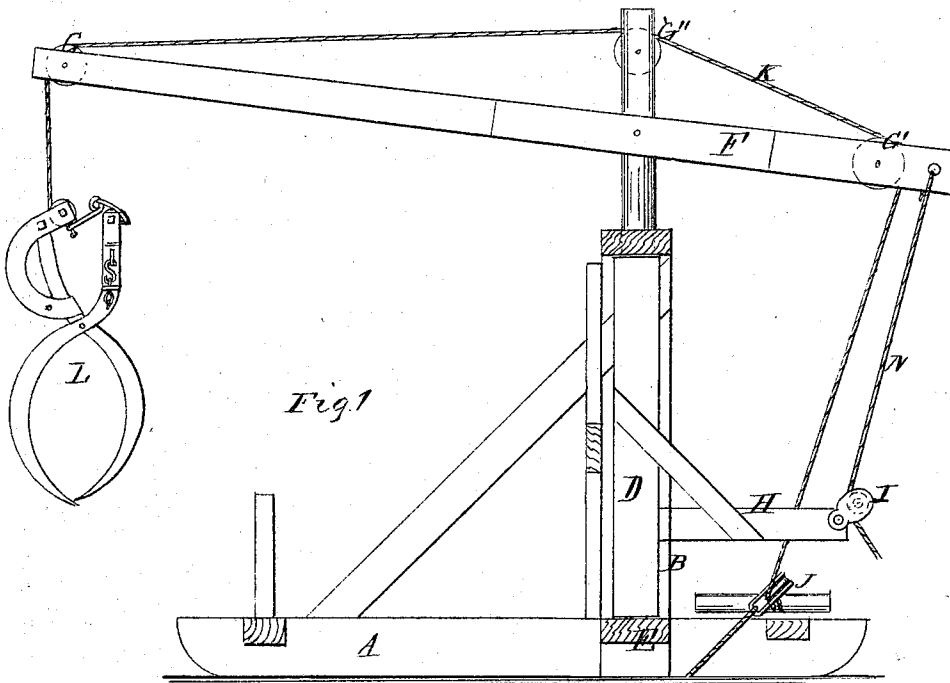


Fig 1

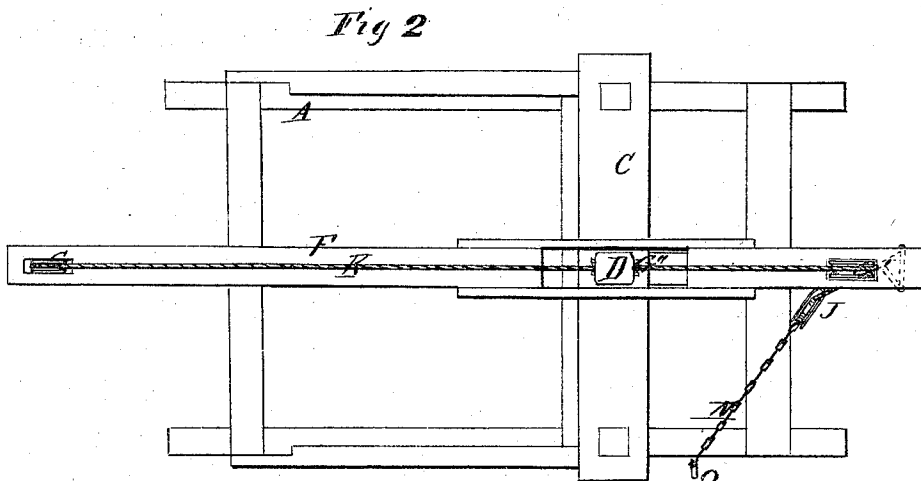


Fig 2

Witnesses
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UNITED STATES PATENT OFFICE.

ADAM S. BROWN, OF DELPHI, INDIANA.

IMPROVEMENT IN HAY-ELEVATORS.

Specification forming part of Letters Patent No. 124,787, dated March 19, 1872.

To all whom it may concern:

Be it known that I, ADAM S. BROWN, of Delphi, in the county of Carroll and State of Indiana, have invented a new and valuable Improvement in Hay-Elevators; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a vertical section of my machine. Fig. 2 is a top or plan view.

This invention has relation to an improved hay-elevator; and consists in the general construction and novel arrangement of the parts and devices composing it, to better adapt it to its purposes.

In the accompanying drawing illustrating this invention, A represents a rectangular frame, which is placed on ground; B B, up-rights attached to either side of this frame, and supporting a transverse beam, C, through which passes and turns a vertical shaft, D, having its lower bearing in a cross-bar, E, and holding on its upper end an oscillating beam, F. G G' are pulley-wheels journaled in slots at the ends of the beam F; G'', a pulley-wheel journaled in a slot at the top of the post D;

H, a horizontal arm projecting from this post and holding a block and pulley, I; J, a block and pulley attached to one side of the frame A; K, a rope or cord which passes over the pulleys G G' G'', and around under J. One end of this cord or rope holds a fork, L, and the other a hitching device, M. N represents a cord or chain, which is attached to the rear end of the beam F, and thence passes around the pulley I. It is intended for the purpose of raising and swinging around the post D, and may at any time be connected to a hook, O, projecting from the side of the frame A in order to keep the beam F and post D in position.

I claim as my invention—

The hay-elevator having frame A, revolving post D, with the pulley G'' at its upper end, beam F, provided with the pulleys G G', bar H, pulleys I J, and cords, or their equivalents, K N, all operating together substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

ADAM S. BROWN.

Witnesses:

LEWIS B. SIMS,
AARON FORD.