

(No Model.)

W. J. F. YOHNKA.

FODDER STACKER.

No. 363,877.

Patented May 31, 1887.

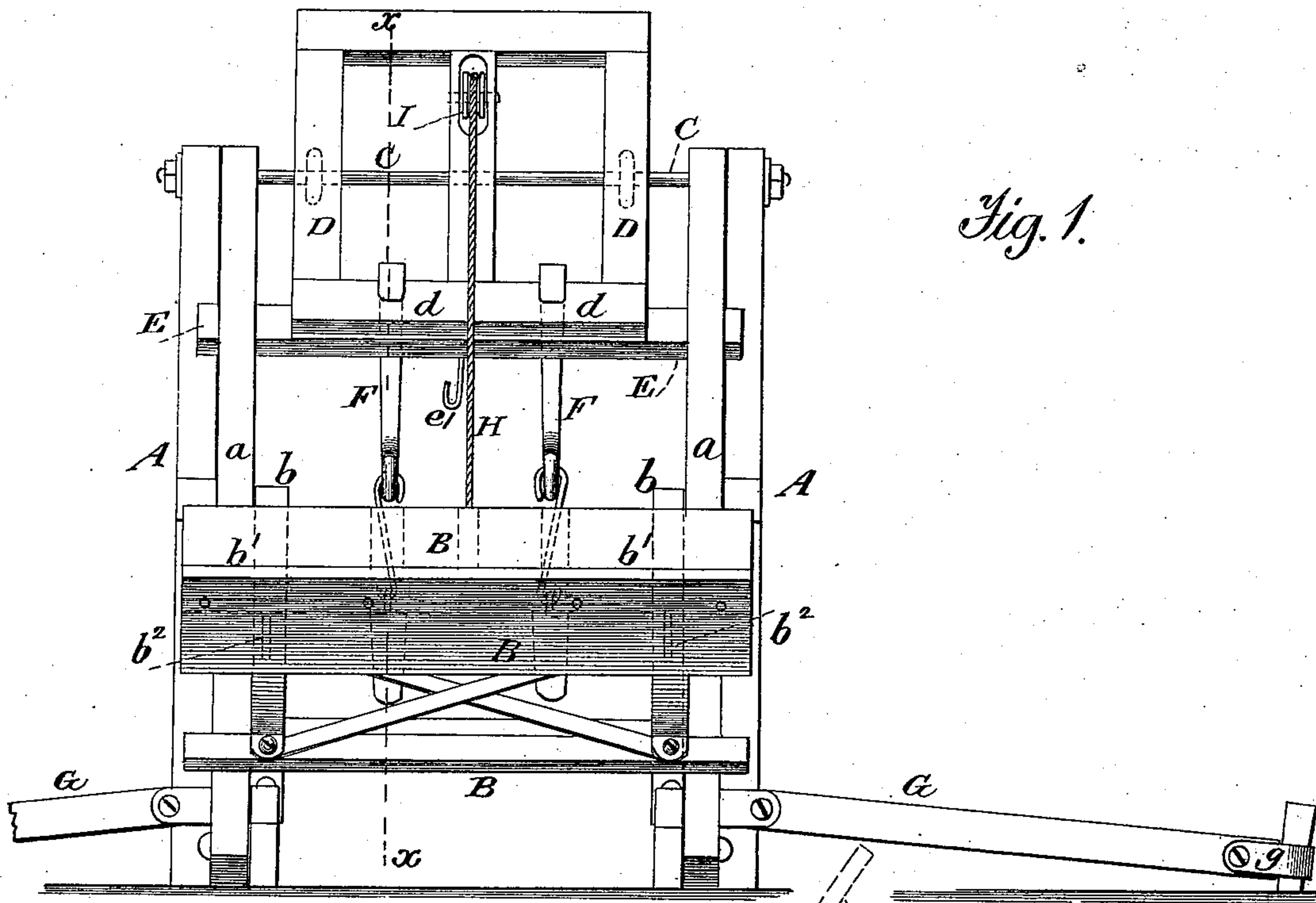


Fig. 1.

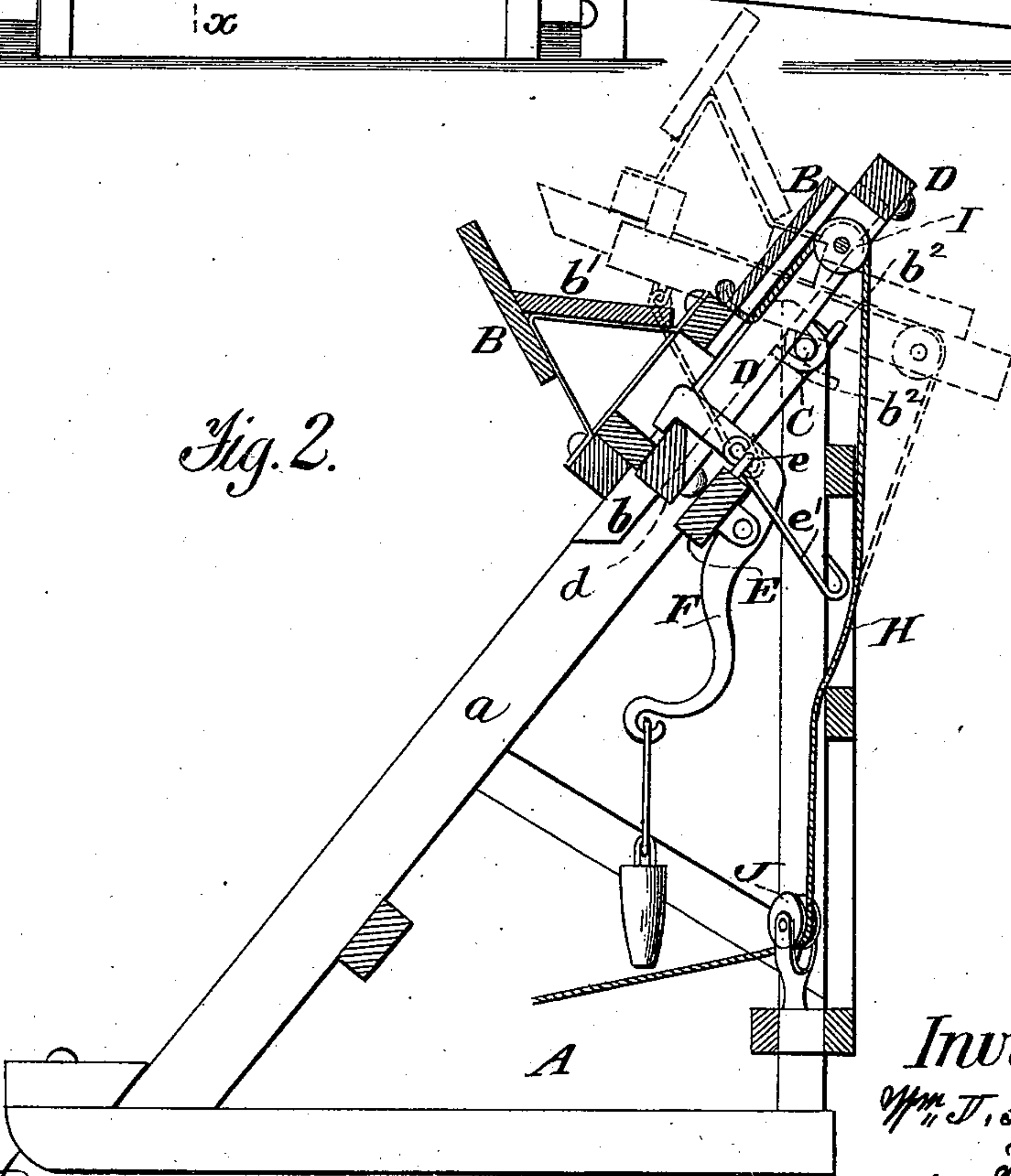


Fig. 2.

Witnesses.

A. Ruppert.
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UNITED STATES PATENT OFFICE.

WILLIAM JOHN FREDERICK YOHNKA, OF EXLINE, ILLINOIS.

FODDER-STACKER.

SPECIFICATION forming part of Letters Patent No. 363,877, dated May 31, 1887.

Application filed September 18, 1886. Serial No. 213,958. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM JOHN FREDERICK YOHNKA, a citizen of the United States, residing at Exline, in the county of Kankakee and State of Illinois, have invented certain new and useful Improvements in Fodder-Stackers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

The invention will first be described in connection with the drawings, and then clearly pointed out in the claim.

Figure 1 of the drawings is a front view of the stacker, and Fig. 2 a vertical section of the same on line *xx*, Fig. 1.

In the drawings, A represents a frame nearly or quite in the form of a right-angled triangle, the hypotenuse consisting of the two parallel inclined bars *a a*, on which slides the fodder-carrier B, whose two parallel bars, *b b*, fit snugly between the bars *a a*, so that the trough or fodder-holder *b'* cannot suffer lateral displacement. On each of the bars *b* are hooks *b²*, correspondingly placed, so that as the carrier B reaches the top of frame A they will catch upon the rod C and turn it over, so as to throw the fodder upon the stack.

D is a platform pivoted across its middle to the rod C, sufficient space being left between it and the frame-bars *a a* for the passage of the bars *b b*. The lower end of the platform D is held down by lever-hooks F F, fulcrumed on a cross-bar, E, secured to the bars *a a* a little below their upper ends. Said platform conforms to the inclination of the bars *a a*, so that the carrier may pass over it. The lever-hooks F are fulcrumed to the bar E and weighted at the rear end, so as to hold them over the bar *d*, which forms the lower end of the platform.

When the carrier is passing up the platform D it pushes against and unhooks the levers F and engages the rod C, so that the carrier B

and platform D may turn and throw the fodder upon the stack. The hook *e'*, pivoted to the bottom of the platform, slides up through the eye *e* on cross-bar E, and finally catches in the said eye, so as to prevent the platform from turning too far. As soon as the draft-rope is slackened the carrier will begin to turn back with the platform and will be carried down by its own weight.

The elevator-frame A is provided with a pivoted bar, G, near the bottom. On the end of this bar is a loop, *g*, through which a stake may be driven to retain the frame in a fixed position. A second pivoted bar, G, may be placed upon the opposite side of frame, if desired.

To the carrier B is attached a rope, H, which passes over a pulley, I, in the platform D and then down under a pulley, J, near the bottom of frame A to the singletree at which the horse works. As soon as the carrier B on the platform D has unhooked the levers F and engaged the rod C with its hooks *b²* the pull on the rope dumps the fodder on the stack.

Having thus described all that is necessary to a full understanding of my invention, what I claim as new, and desire to protect by Letters Patent, is—

The combination, with the frame A, having a cross-rod, C, at the top and a carrier, B, which slides up and down on an incline of said frame, of the platform D, pivoted at or near its middle on the rod C, and the end weighted hook-levers F F, fulcrumed on bar E, whereby said carrier may first slide up on the platform D, next push against and unfasten the levers F, and finally turn over with the platform by catching said rod C with hooks on the under side of said carrier, substantially as shown and described.

In testimony whereof I have affixed my signature in presence of two witnesses.

WILLIAM JOHN FREDERICK YOHNKA.

Witnesses:

GEORGE CROZIER,

WILLIAM ANDREW HUNTER.