

No. 680,070.

Patented Aug. 6, 1901.

R. E. POINDEXTER.
HAY RACK FOR WAGONS.

(Application filed May 31, 1901.)

(No Model.)

2 Sheets—Sheet 1.

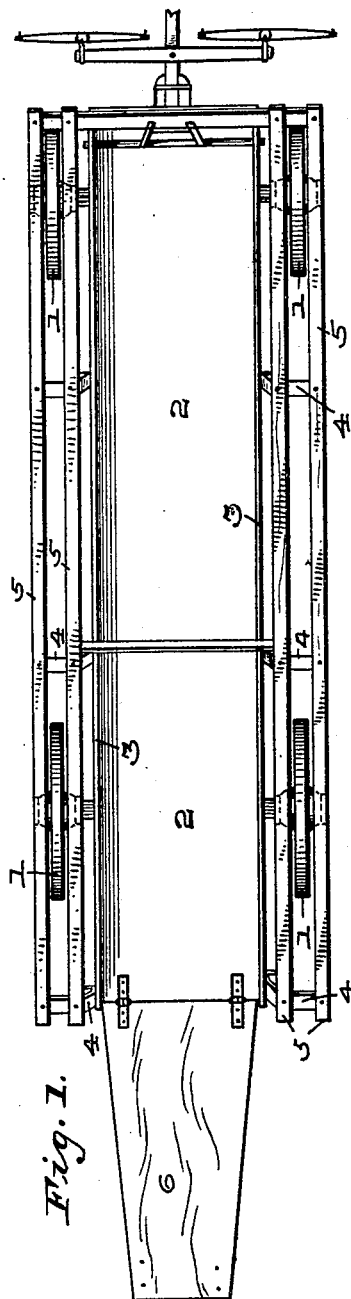


Fig. 1.

WITNESSES:

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L. M. Donnell

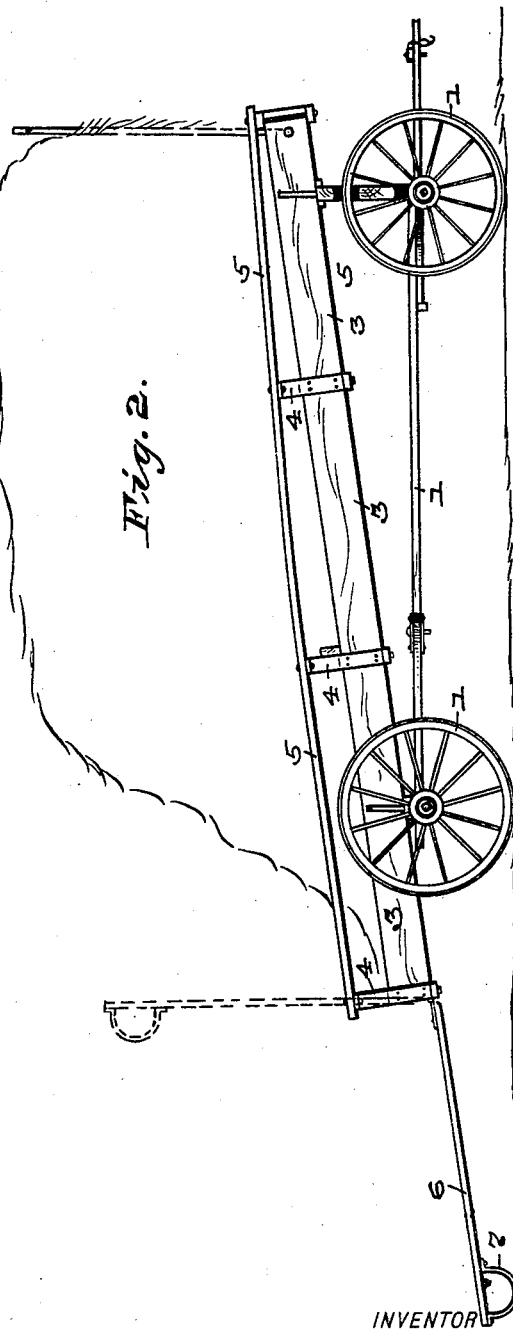


Fig. 2.

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Fig. 3.

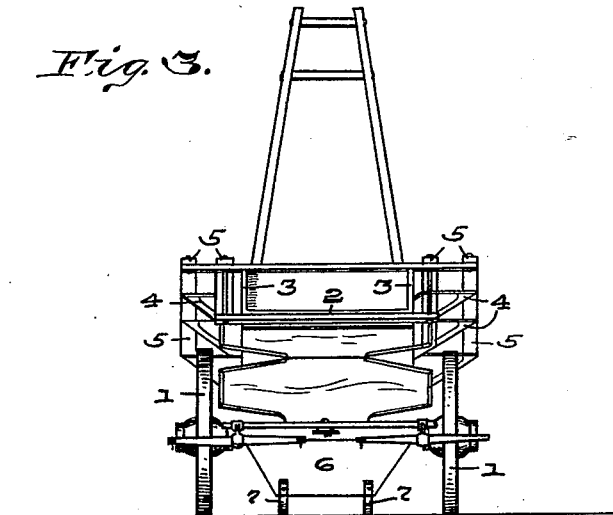
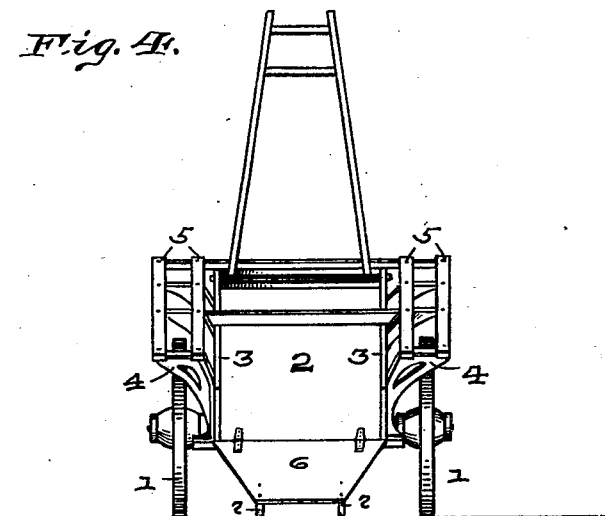


Fig. 4.



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UNITED STATES PATENT OFFICE.

ROBERT E. POINDEXTER, OF INDIANAPOLIS, INDIANA.

HAY-RACK FOR WAGONS.

SPECIFICATION forming part of Letters Patent No. 680,070, dated August 6, 1901.

Application filed May 31, 1901. Serial No. 62,637. (No model.)

To all whom it may concern:

Be it known that I, ROBERT E. POINDEXTER, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Hay-Racks for Wagons, of which the following is a specification.

The object of my invention consists in the production of a wagon-bed which can be converted from a tight inclosed bed to a hay-bed.

The object also consists, specifically speaking, in production of a hay or grain bed in which one man can do the loading alone.

The object consists, further, in placing or mounting the bed on an incline on the running-gear of the wagon, the said bed having a tail-board pivotally secured thereto, which when in operating position is laid down on the ground and has runners provided therefor. The runners are of such a height as to provide for the first step toward the elevation of the wagon-bed. The tail-board is directly on line with the floor of the wagon-bed proper.

There are other features that will be hereinafter more particularly described and then pointed out in the claim.

Referring to the accompanying drawings, which are made a part hereof, and on which similar numerals of reference indicate similar parts, Figure 1 is a plan view of my improved wagon-bed. Fig. 2 is a side elevation thereof. Fig. 3 is a front elevation of the same, and Fig. 4 a rear elevation of my improved wagon-bed.

In the drawings, 1 is the ordinary running-gear of a wagon; 2, the bed's floor; 3, the stationary sides.

4 designates the metal standards, which are bolted to the stationary sides 3. The standards 4 rise in a perpendicular manner until they reach the top of the stationary sides 3, at which point they turn outward and upward to a predetermined height and at which point they project from the upward incline on a horizontal plane, which horizontal portions form bearings for the side strips 5. The strips 5 add an additional width to the wagon-

bed proper, thereby adapting it to be used to haul hay or corn-fodder.

6 is the tail-board, which is hinged to the floor of the wagon-bed and has the runners 7 attached thereto. The runners 7 form the first riser or step to the tail-board, which, as before stated, forms the approach to the bed proper. This construction enables a single man to load hay alone, in which case he takes a fork of hay and walks up the incline tail-board, depositing the same at the front end of the wagon. When the major portion of the load is in position, as shown in the broken lines in Fig. 2, the tail-board 6 is raised, as shown by the dotted lines in this same figure, after which the remainder of the load is filled in.

The main object of this invention consists in the parts so arranged as to save labor. This economy is also shown in hauling grain or the like, in which a tight bed is desired. This is accomplished by inserting side-boards between the upper strips 5 and the stationary sides 3. The wagon-bed widens at the top, thus enabling one to carry a load of considerable proportions.

Having thus fully described my said invention, what I desire to secure by Letters Patent is—

In combination with the running-gear of a wagon, a bed so mounted as to insure the front end thereof to be on a higher plane than the rear end, a tail-board forming the approach to the bed proper, the said tail-board being on an exact line with the floor of the bed, runners secured to the tail-board and on which it rests and rides during the loading period, the said runners being of such a height as to form the initial riser for the approach toward the bed's floor, substantially as shown and for the purposes set forth.

In witness whereof I have hereunto set my hand and seal, at Indianapolis, Indiana, this 16th day of May, A. D. 1901.

ROBERT E. POINDEXTER. [L. S.]

Witnesses:

E. J. HICKS,

F. W. WOERNER.