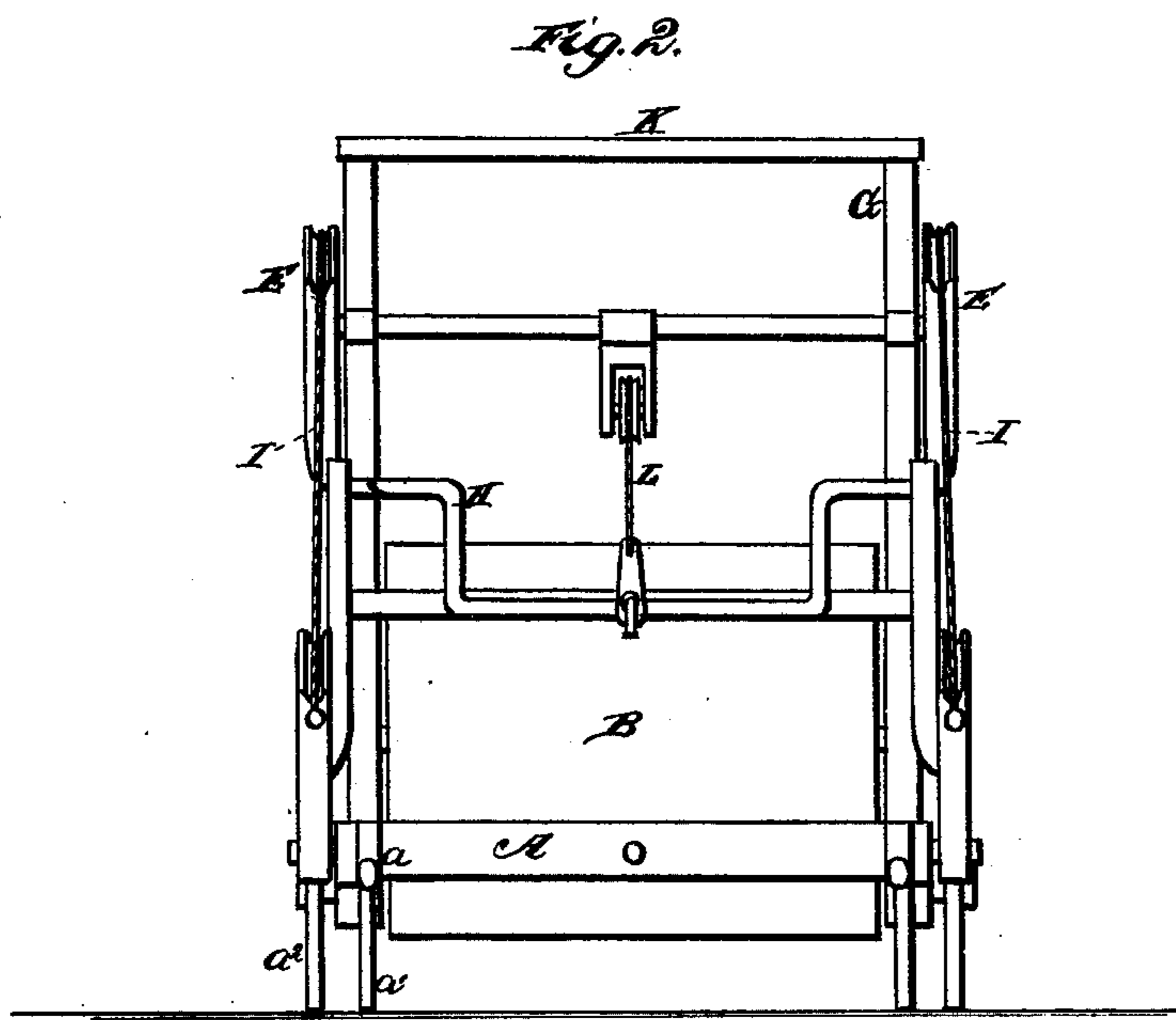
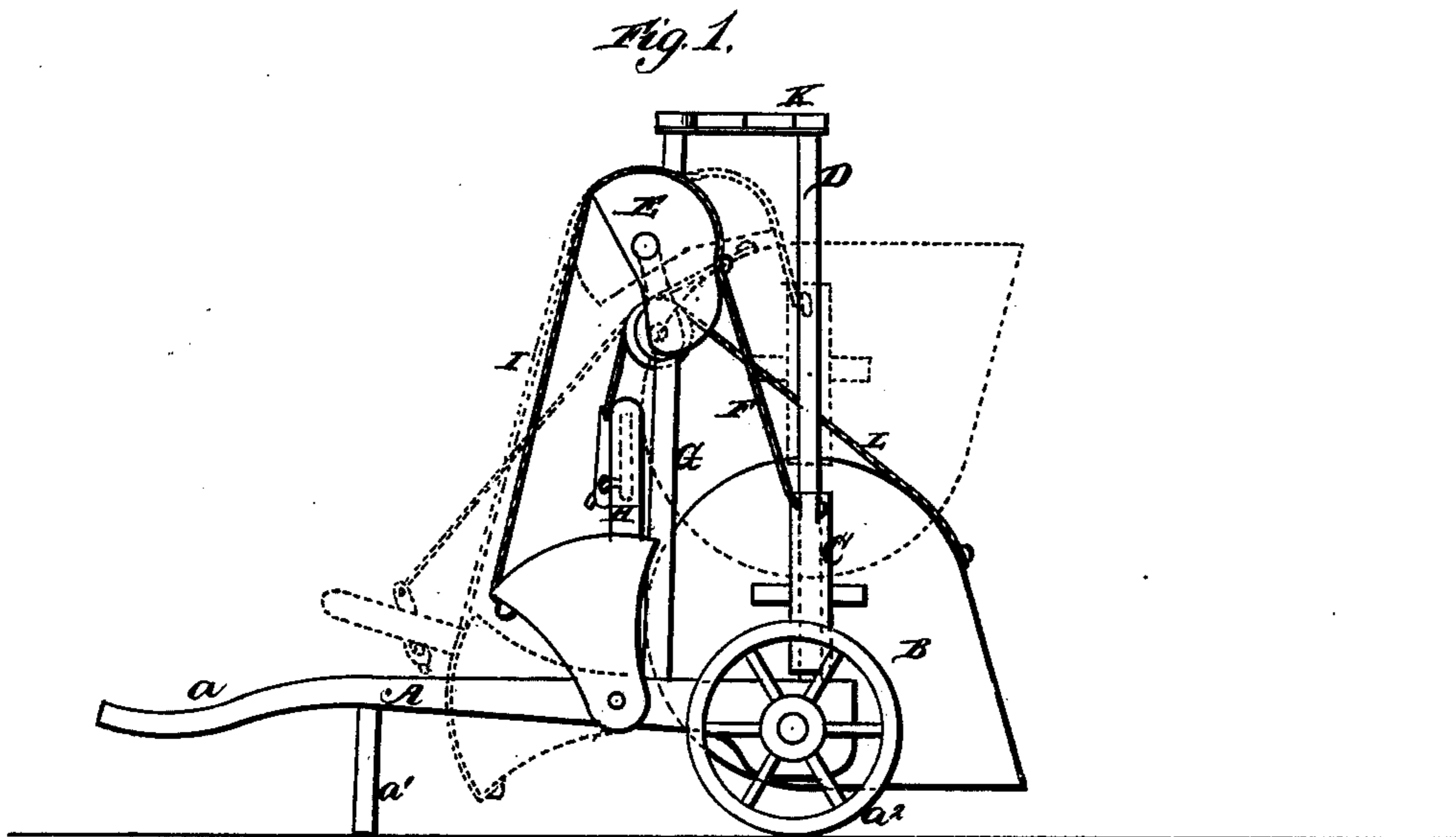


(No Model.)

W. S. MORDEN.
Grain Loading Scoop and Elevator.

No. 229,737.

Patented July 6, 1880.



WITNESSES

James J. Pheby.

INVENTOR

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UNITED STATES PATENT OFFICE.

WILLIAM S. MORDEN, OF WHITEHALL, WISCONSIN.

GRAIN-LOADING SCOOP AND ELEVATOR.

SPECIFICATION forming part of Letters Patent No. 229,737, dated July 6, 1880.

Application filed May 15, 1880. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM S. MORDEN, of Whitehall, in the county of Trempealeau and State of Wisconsin, have invented certain new and useful Improvements in Grain-Loading Scoops and 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 drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a side elevation of my grain-loader scoop and elevator, and Fig. 2 is a front view of the same.

The nature of my invention relates to a grain-loading scoop and elevator.

The object of my invention is to provide a ready means for transferring grain from the warehouse to a car, boat, or other place where it is desired to deposit it.

The improvement consists in the features of construction and combination hereinafter fully set forth and claimed.

A designates a truck-frame, which is provided with handles *a* and legs *a'*, and also with the wheels *a*².

B represents the scoop, which is pivoted between slides C, so that it is capable of being

rotated or raised vertically. These slides C are guided by standards D, and are connected with sectors E by cords F. The sectors E are pivoted to standards G, and are connected with a hinged frame, H, by cords I. The four standards herein shown are secured at their lower ends to the truck-frame, and are braced at their upper ends by cross-bars K.

L designates a cord, which is connected at one end with the scoop and at its other end with the hinged frame.

In using the device the operator will push the truck forward so that the scoop will enter the body of the grain and be filled.

To discharge the grain the operator will depress the hinged frame, and thereby elevate the scoop, which can then be turned so as to deliver the grain into the car.

What I claim is—

The combination of the truck-frame with the scoop B, slides C, sectors E, hinged frame H, and cords, as herein shown and set forth.

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

WILLIAM SCOTT MORDEN.

Witnesses:

D. S. WATSON,
C. K. BAXTER.