

E. D. HIX.
Bag-Holders.

No. 148,702.

Patented March 17, 1874.

Fig. 1.

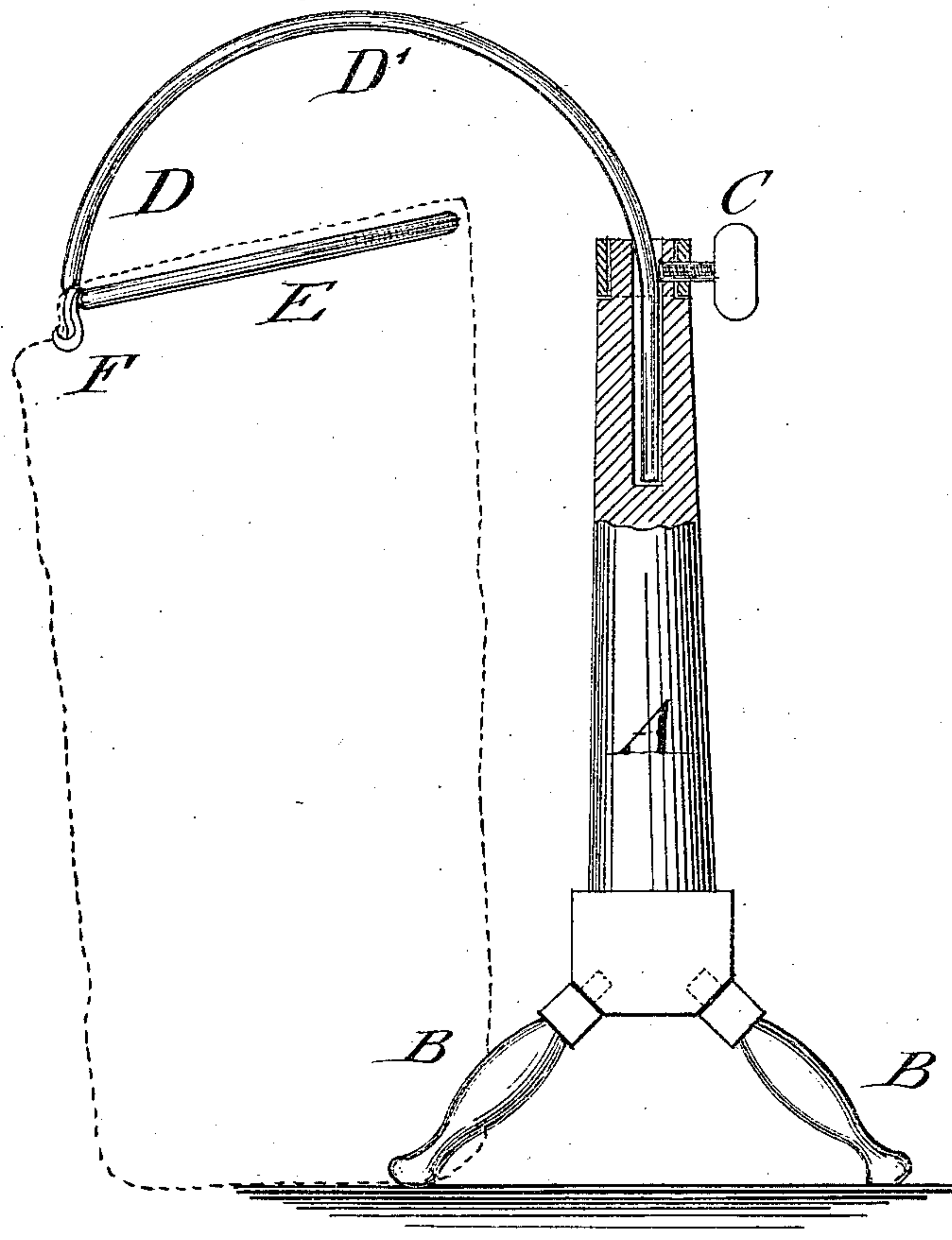
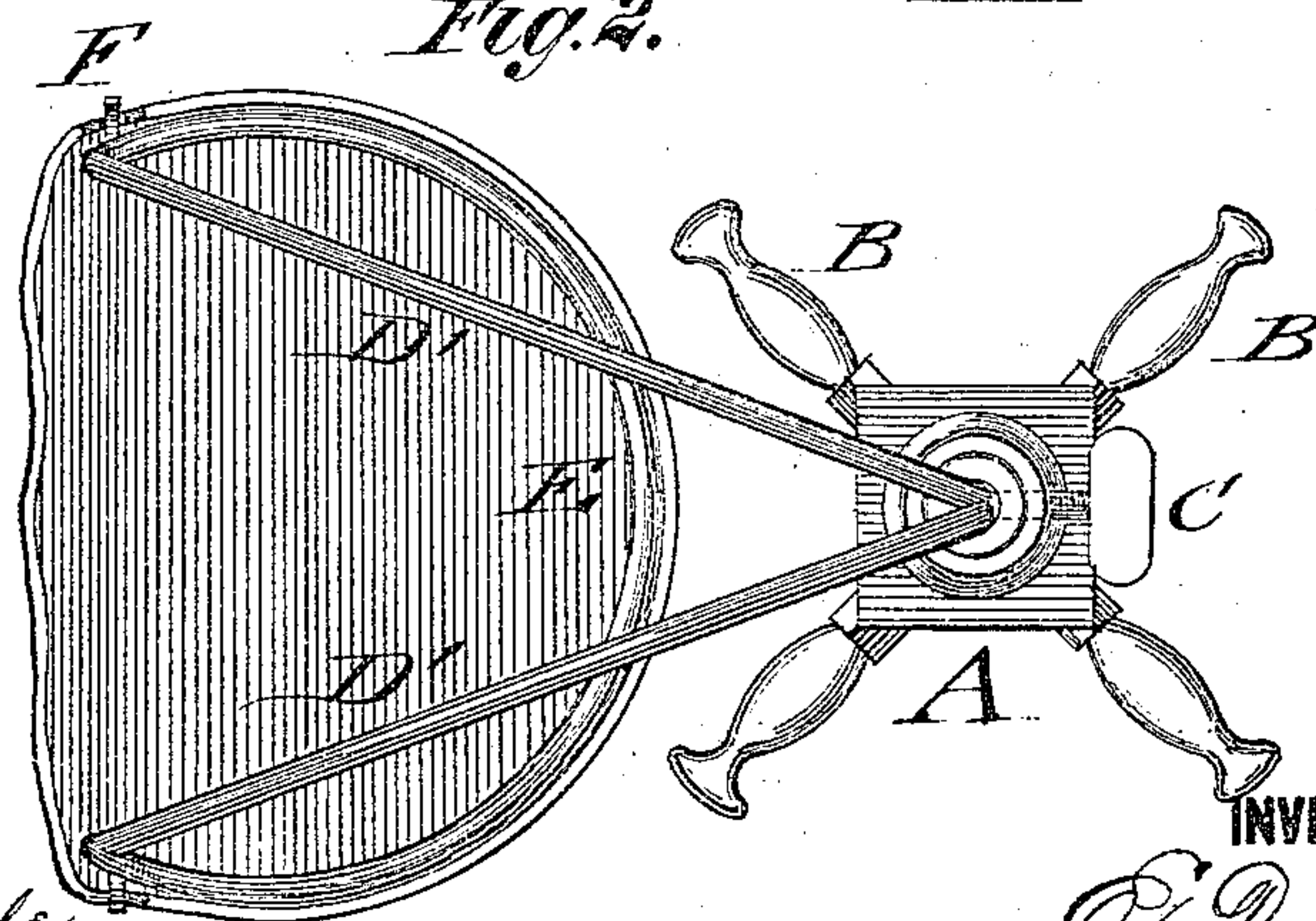


Fig. 2.



WITNESSES:

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ERASMUS D. HIX, OF PAYNE'S DEPOT, KENTUCKY.

IMPROVEMENT IN BAG-HOLDERS.

Specification forming part of Letters Patent No. **148,702**, dated March 17, 1874; application filed February 21, 1874.

To all whom it may concern:

Be it known that I, ERASMUS D. HIX, of Payne's Depot, in the county of Scott and State of Kentucky, have invented a new and Improved Bag-Holder, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a sectional side elevation of my improved bag-holder, and Fig. 2 a top view of the same.

Similar letters of reference indicate corresponding parts.

The object of my invention is to furnish a cheap, durable, and strong bag-holder for filling wheat, corn, and other cereals into sacks in the granary; and it consists of a strong supporting-standard, in which slides adjustably the end of the curved steel arms or rods, which spread sidewise, and are bent at their front extremities, under suitable angle, into a connecting spring-hoop, over which the hem of the bag is attached, and firmly secured by pointed hooks at the front end of the hoop.

In the drawing, A represents a standard, constructed of hard wood, metal, or other suitable material, supported on strong legs B, which spread out sufficiently to give the required base for supporting the weight of the filled bag. The legs allow the placing of the standard into the granary when the floor is covered with grain, so that the operation of filling the bags may be attended to at any part thereof. The upper end of standard A is hollow, and provided with a metallic band and set-screw, C, forming a socket for the stem of the bag-holder D. Bag-holder D is made of strong steel rods, bent in a suitable manner into arms D', which are welded together to form the stem. Arms D' are curved in semi-

circular shape, extending from the stem in forward direction, spreading, at the same time, sidewise under suitable angle. The front ends of arms D' are then bent back toward the stem in horizontal—or, preferably, slightly upward-inclined—direction, so as to form a semicircular connecting spring-hoop, E, over which the hem of the bag to be filled is placed. At the angles of the arms and spring-hoop, which are the foremost points of the bag-holder, are applied pointed bag-hooks F, onto which the hem of the bag, after being stretched tightly over the hoop, is secured. The bag is then ready to be filled with grain, and the stem is adjusted in the socket till the bottom of the bag touches the floor. The gradual settling of the grain in the sack produces a downward strain on the holder, which is met by the yielding nature of the hoop and arms, without necessitating a special and repeated adjustment of the stem by the thumb-screw for preventing the tearing of the sack.

This self-adjustability of the bag-holder to the increasing weight of the sack, together with its light yet strong construction, forms the main advantage of my device.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The improved bag-holder, consisting of standard A, with adjustable spring-frame D, formed of curved arms D', with connecting semicircular hoop E and outer supporting-hooks F, in the manner and for the purpose substantially as set forth.

ERASMUS D. HIX.

Witnesses:

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