

No. 657.284.

Patented Sept. 4, 1900.

I. A. EDDY.
GRAIN SACK HOLDER.

(Application filed Feb. 23, 1900.)

(No Model.)

FIG. 1

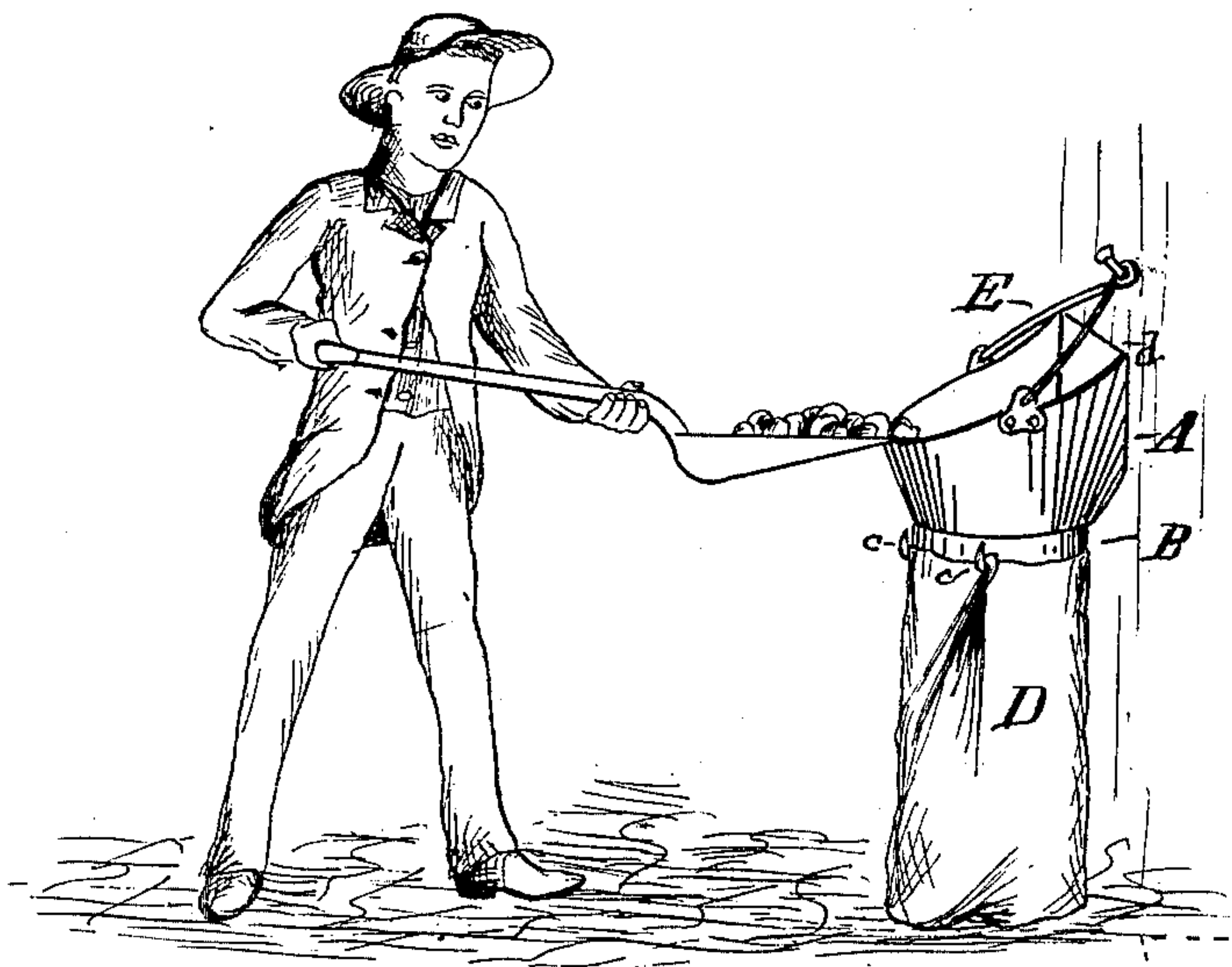


FIG. 3

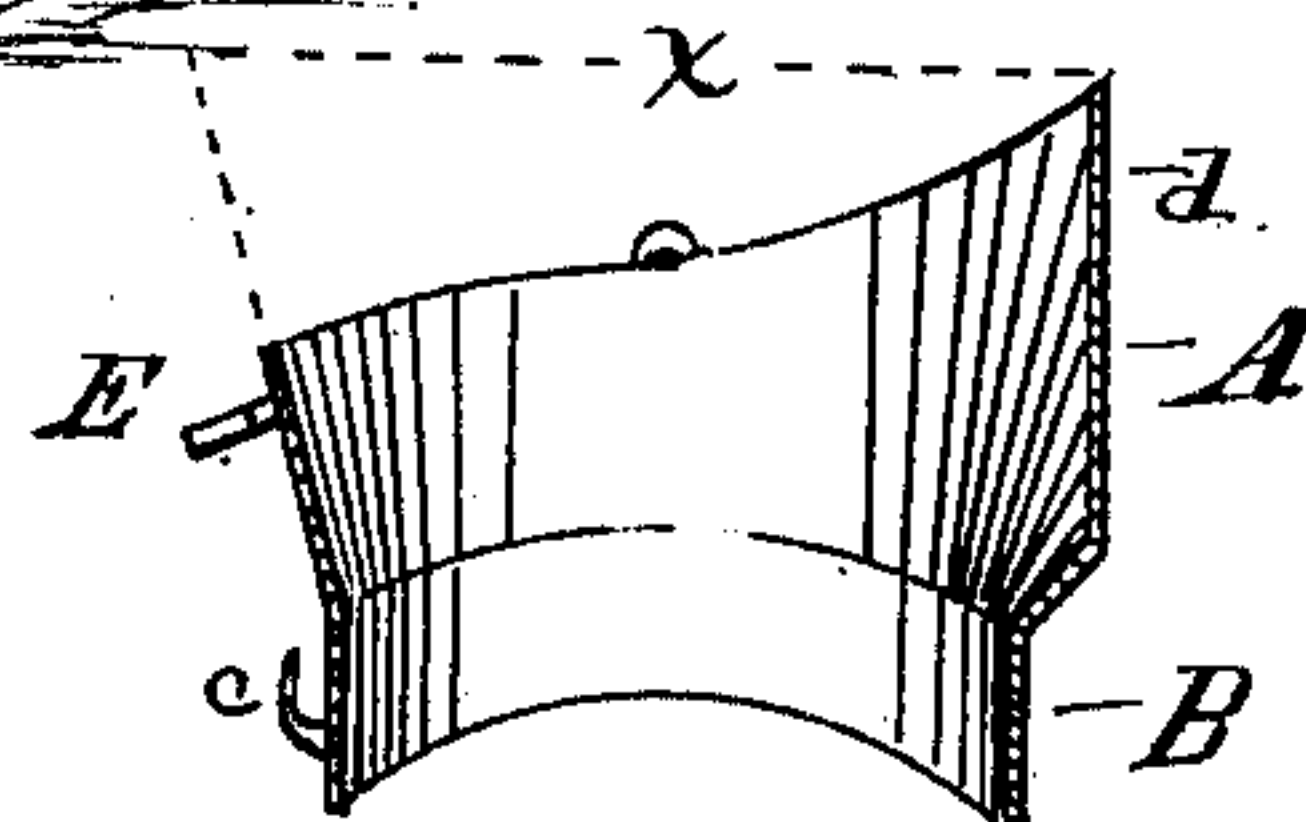


FIG. 2

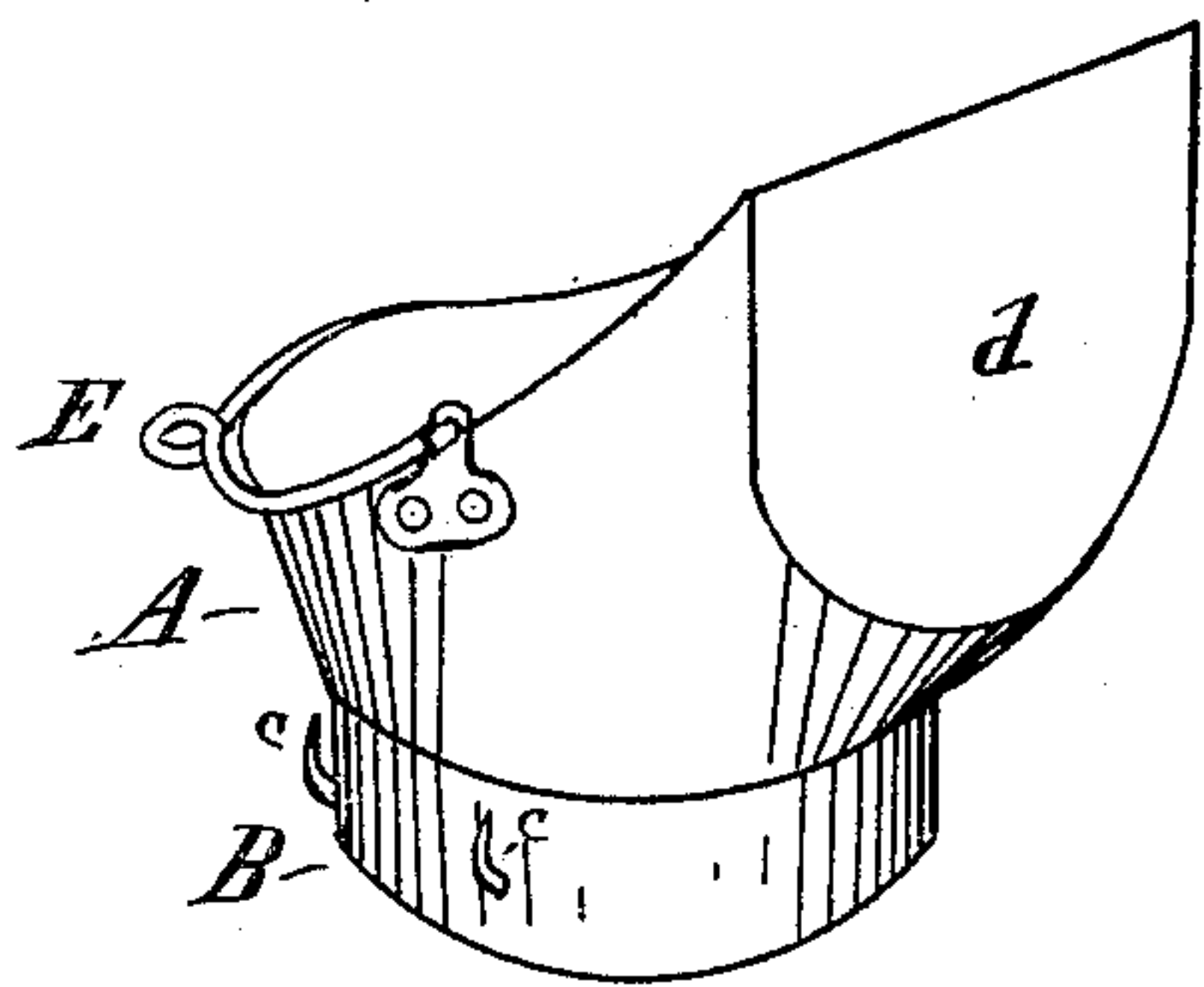
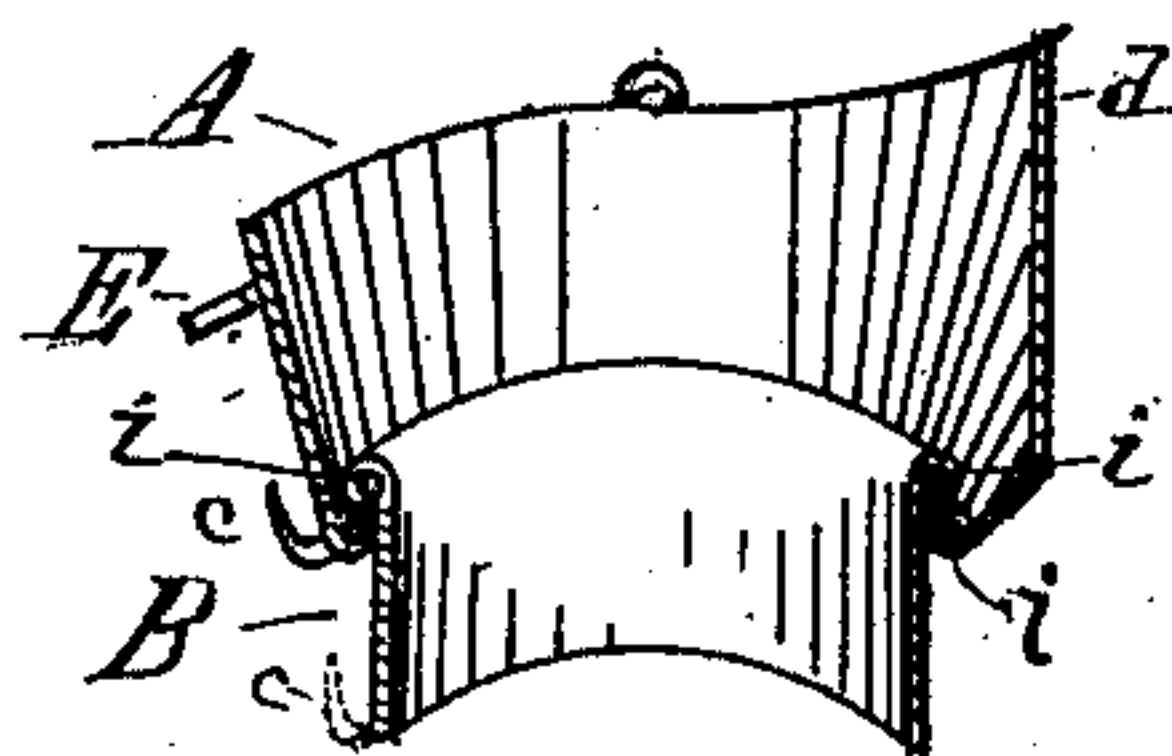


FIG. 4



Attest.

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UNITED STATES PATENT OFFICE.

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GRAIN-SACK HOLDER.

SPECIFICATION forming part of Letters Patent No. 657,284, dated September 4, 1900.

Application filed February 23, 1900. Serial No. 6,153. (No model.)

To all whom it may concern:

Be it known that I, IRA A. EDDY, a citizen of the United States, residing at Burlington, in the county of Calhoun and State of Michigan, have invented certain new and useful Improvements in Grain-Sack Holders, of which the following is a specification.

My invention is especially designed to facilitate the filling of sacks in the field, granary, warehouse, car, or other place where the same may become necessary, and it is more especially an improvement on that class of sack-holders in which a hopper provided with a means for securing a sack or bag thereto is employed for the purpose; and it has for its object in construction a contour whereby the same will when hung readily adjust itself to a vertical position, be easy of access, simple, portable, and capable of occupying small space when nested for packing for transportation, and other novel features hereinafter set forth.

In the drawings forming a part of this specification, Figure 1 represents a side view of my improved grain-sack holder with a sack or bag attached in the manner of filling said sack. Fig. 2 is a rear view in prospective with the bail folded. Fig. 3 is a side sectional view, and Fig. 4 is a sectional view, of my improved grain-sack holder in modification.

A represents a hopper to the upper edge of which a suitably-arranged bail E is hinged. The hopper is made of any suitable sheet metal and of a size larger at its mouth or upper extremity than at its lower end, which terminates in a cylindrical neck or spout B, provided with hooks *cc* on its periphery, over which a sack or bag D may be drawn and secured for filling.

The hopper A is constructed funnel-shaped, with a D-shaped mouth, and its contour is such that its lower extremity is below and disposed outward from its back portion *d*, which represents a hyperbola and forms a flattened back surface for the purpose of steadying and adjusting itself to a wall or other surface, to which the same may be secured for usage. In this construction the neck or exit B, to which the sack is secured for filling, will be clear and free of the wall or other surface to which the same may be hung, as will be clearly shown in Figs. 1 and

4. It is obvious in this form of construction that no lugs, handle, or other fixture is required to facilitate the hanging of the hopper to give the throat B clearance from the wall for the filling of a sack.

The hopper properly comprises in its construction two pieces of material, the funnel A and the back *d*, which may be secured together in any ordinary and convenient manner, and its front or face side may be formed somewhat below the line of the top of its back *d*, as shown by the dotted lines in Fig. 3 at *x*. In some instances a hole through the back of the hopper near the upper edge would answer the purpose of the bail, a great object of the bail being to carry the device from place to place and also to give the hopper a support at three positions—viz., the back *d* against the wall and at the sides where hinged.

In Fig. 4 of the modification the neck B is capable of telescoping with the hopper A for the purpose of economy of space in crating, &c., the lower end of the hopper has a wire *i*, formed therewith and projecting inwardly, while the neck B has its upper end similarly formed, but extending outwardly, the periphery of the neck B being coincident with the orifice in the hopper-bottom. When the neck B is in a normal position, the inwardly-projecting portion of the hopper at *i* forms a seat or stop against which the outwardly-projecting upper end of the neck B rests. Hooks *cc* are either secured around the lower end of the neck B or on the hopper at its junction with said neck for securing a sack. The neck B in the several views is preferably about two inches in length, and in the constructions as shown in Figs. 1, 2, and 3 I prefer to arrange the hooks on a line near the center thereof.

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

1. In a grain-sack holder, the hopper A comprising the flattened parabola-shaped back *d*, and having a D-shaped mouth, the lower end of said hopper terminating below and disposed outward from said back, and a bail E hung to the upper edge of said hopper between its front and back portions and at points parallel with said back, in combination with the neck B rigidly secured to the

lower edge of said hopper and provided with hooks *c, c, c*, substantially as specified and for the purposes described.

2. The combination of a hopper A comprising a flattened parabola-shaped back *d* and having a **D**-shaped mouth the curve of said mouth trending below the upper edge of the back portion, the lower end of said hopper falling below and disposed outward from its back portion and terminating in a neck B

provided with hooks *c, c, c*, and a bail E hung to the upper edge of said hopper between its front and back portions and at points parallel with said back, substantially as specified and for the purposes set forth.

IRA A. EDDY.

Witnesses:

RAY BARNES,
E. J. SEEMANN.