

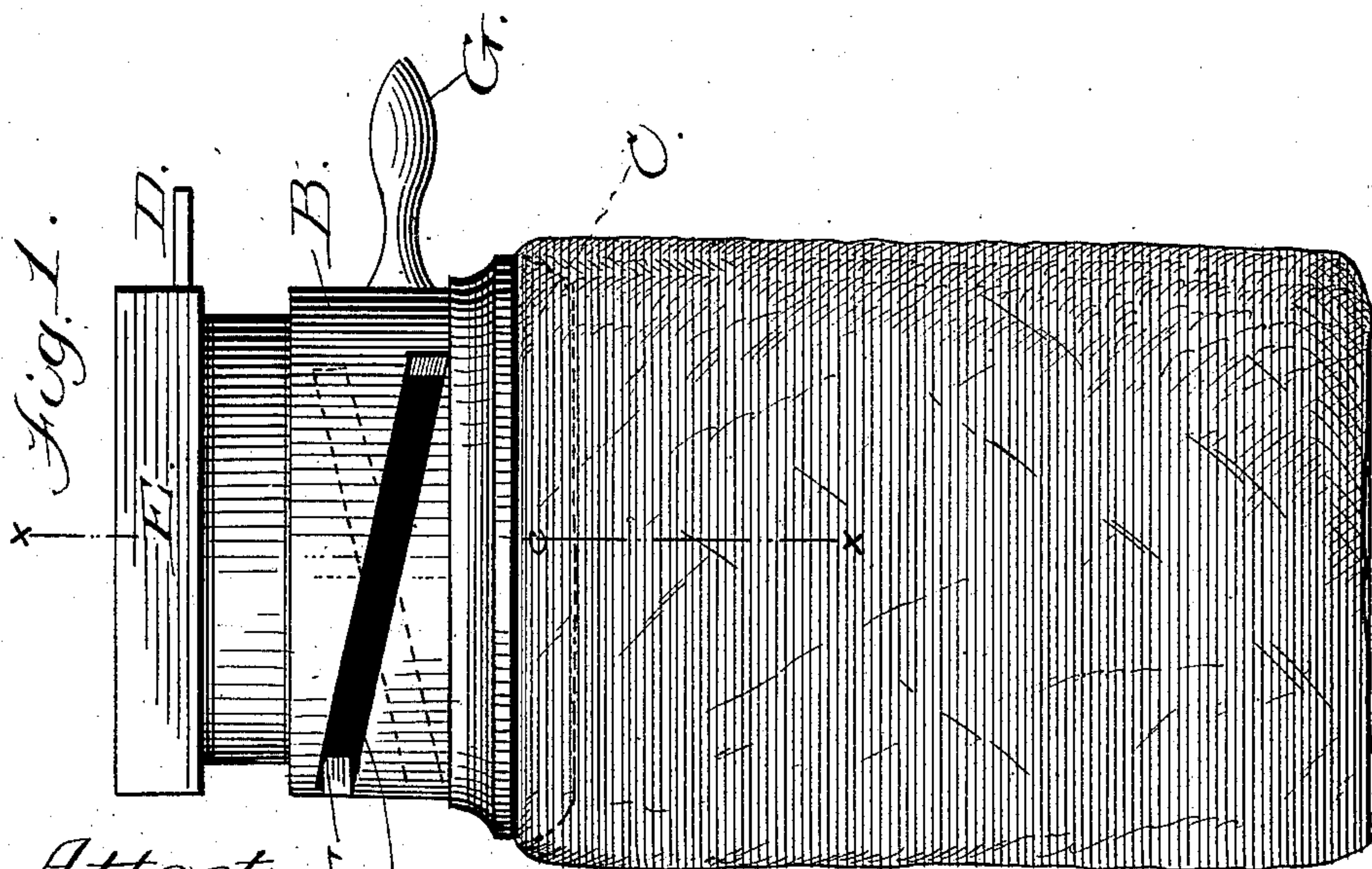
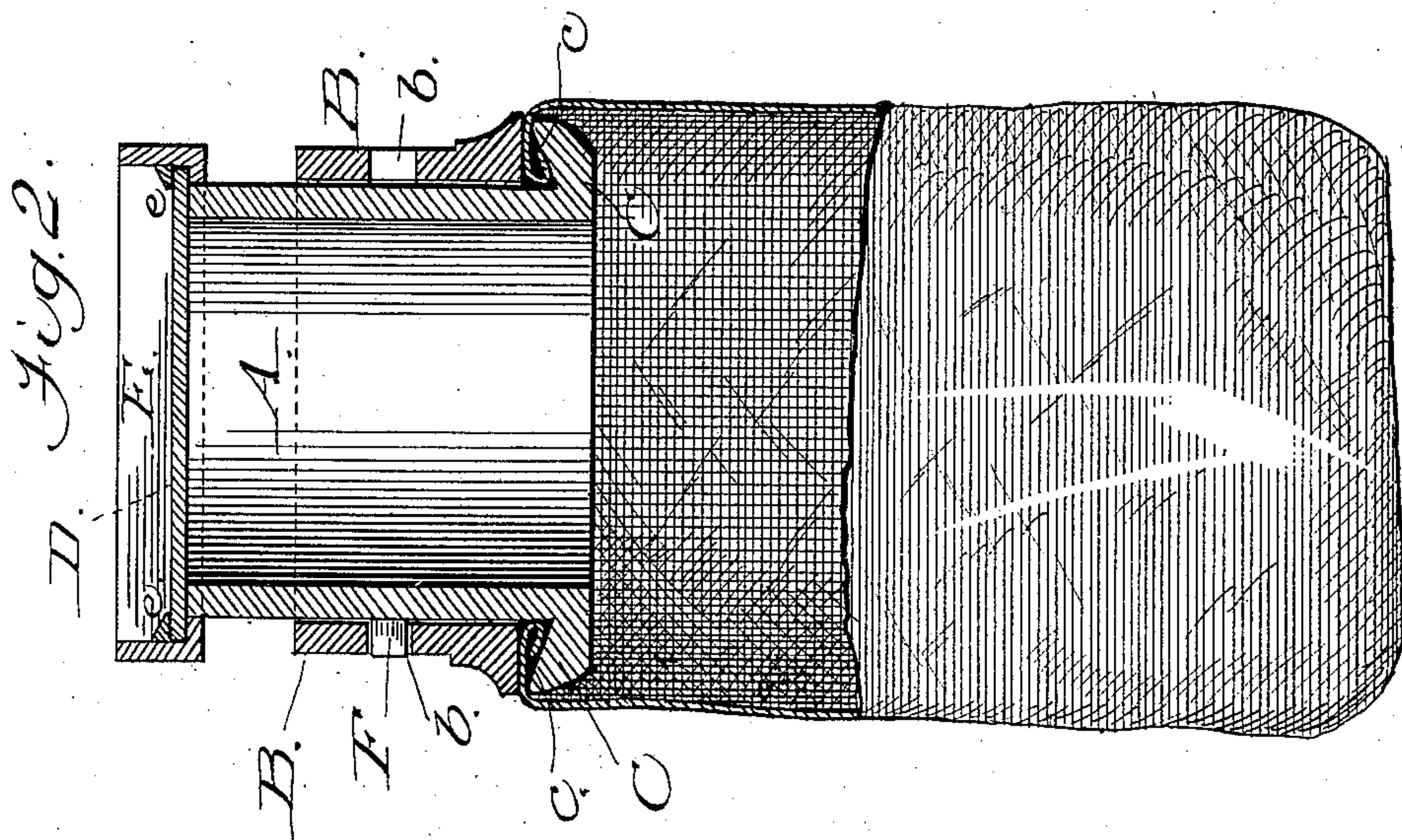
(No Model.)

E. H. MOREHOUSE.

BAG HOLDER.

No. 294,659.

Patented Mar. 4, 1884.



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UNITED STATES PATENT OFFICE.

EDWARD H. MOREHOUSE, OF PLOVER, WISCONSIN.

BAG-HOLDER.

SPECIFICATION forming part of Letters Patent No. 294,659, dated March 4, 1884.

Application filed November 9, 1883. (No model.)

To all whom it may concern:

Be it known that I, EDWARD H. MOREHOUSE, a citizen of the United States, residing at Plover, in the county of Portage and State of Wisconsin, have invented a new and useful Bag-Holder, of which the following is a specification.

My invention relates to improvements in bag-holders; and it consists in the novel construction and combinations of parts, as will be hereinafter more fully described, and specifically set forth in the claims.

My bag-holder embodies the mechanism illustrated in the accompanying drawings, in which Figure 1 is an elevation showing a bag attached to the holder. Fig. 2 is a section on line *x x* of Fig. 1.

Similar letters refer to similar parts throughout the several views.

In the drawings, A represents a cylindrical tube, made of any suitable material and of any convenient size. On the lower part of the tube is formed or secured an annular flange or rim, C, having an inclined portion, *c*, extending from its top edge down to the outer circumference of the tube, the purpose of which will be hereinafter described. Upon the top of the tube I secure a square, round, or other suitable-shaped frame, E, having secured to its inner side a strip or strips, *e*, to form grooves, for the purpose of receiving a sliding shut-off or valve, D, which is adapted to enter through a suitable slot in the frame E.

Upon the cylindrical tube A is loosely fitted a band or ring, B, made less in height than the tube A. In the band B are formed two inclined slots, *b*, extending from near its lower edge to about its top, both of which occupy a space equal to about two-thirds the circumference of the tube, the higher end of one of said slots terminating at a point higher than the lower end of the other.

In the tube A are formed or secured two projecting lugs or stops, F, on which is adapted to slide both upward and downward in an inclined manner the band B by means of the inclined slots *b*, each of the said lugs being so placed that when the band is resting upon the lower flange of the tube A the lugs F will press or be in contact with the upper portion of the inclined slots.

On the tube A and in the center of the space left between the beginning of one slot and the

termination of the other, I secure a handle, G.

To operate the device, I secure the tube by its frame to an ordinary feeding-chute, or to any other suitable and convenient device, when, by means of the handle G, the band will be turned from right to left, and as it revolves will gradually ride upward upon the lugs by means of the inclined slots, and when raised to a sufficient height the open or upper portion of the bag to be filled will be placed upon and between the flange C and lower portion of the band B, when by a reverse movement of that above described it will be seen that as the two parts are drawn together they will firmly and securely hold the bag, which will, by means of the inclined portion of the flange, be additionally secured.

The valve D is for the purpose of shutting off or supplying to the bag the necessary amount of feed or other produce, and is especially useful in mills, where flour, grain, and the like are to be loaded, as the valve controls and regulates the necessary amount to be fed.

The several parts enumerated may be constructed of any suitable material.

By my device I form a holder of but few parts, simple in construction, and easy of handling or adjustment.

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

1. In a bag-holder, the tube having a flange, C, inclined on its upper surface, and the lugs, in combination with the band provided with inclined slots, substantially as shown and described.

2. The combination of a tube provided with a flange, the top frame having a valve or shut-off, and the lugs F F, with the loosely-fitted band having the inclined slots, and adapted to slide upward and downward on the lugs, substantially as shown and described.

3. In a bag-holder, the tube A, provided with the frame E, valve D, the downwardly-inclined flange C, and lugs F F, in combination with the loosely-fitted band B, provided with the handle G, and inclined slots *b b*, adapted to slide upon the lugs, all substantially as shown, and for the purpose described.

EDWARD H. MOREHOUSE.

Witnesses:

A. J. WELTON,
FRANK TYLER.