

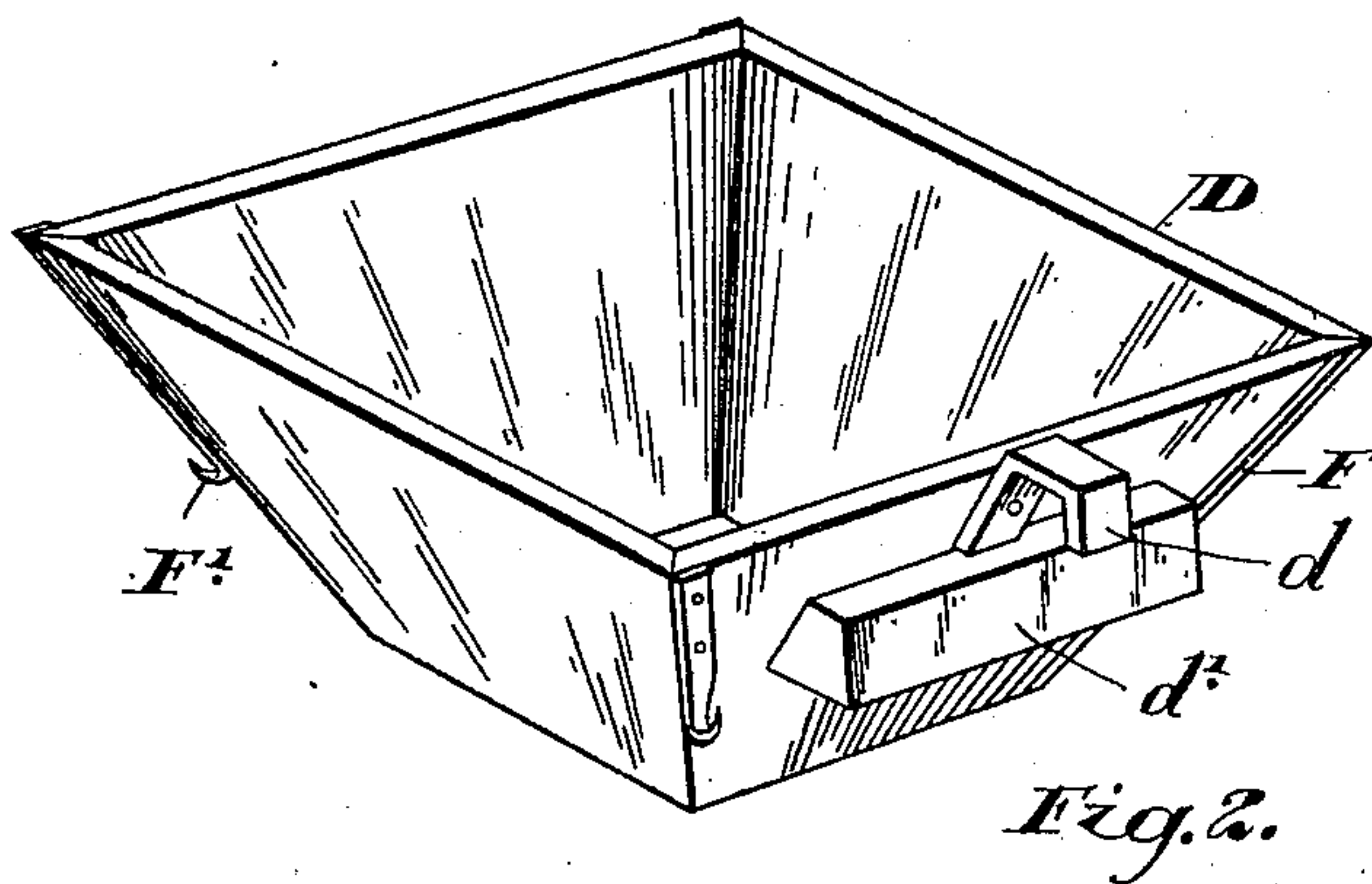
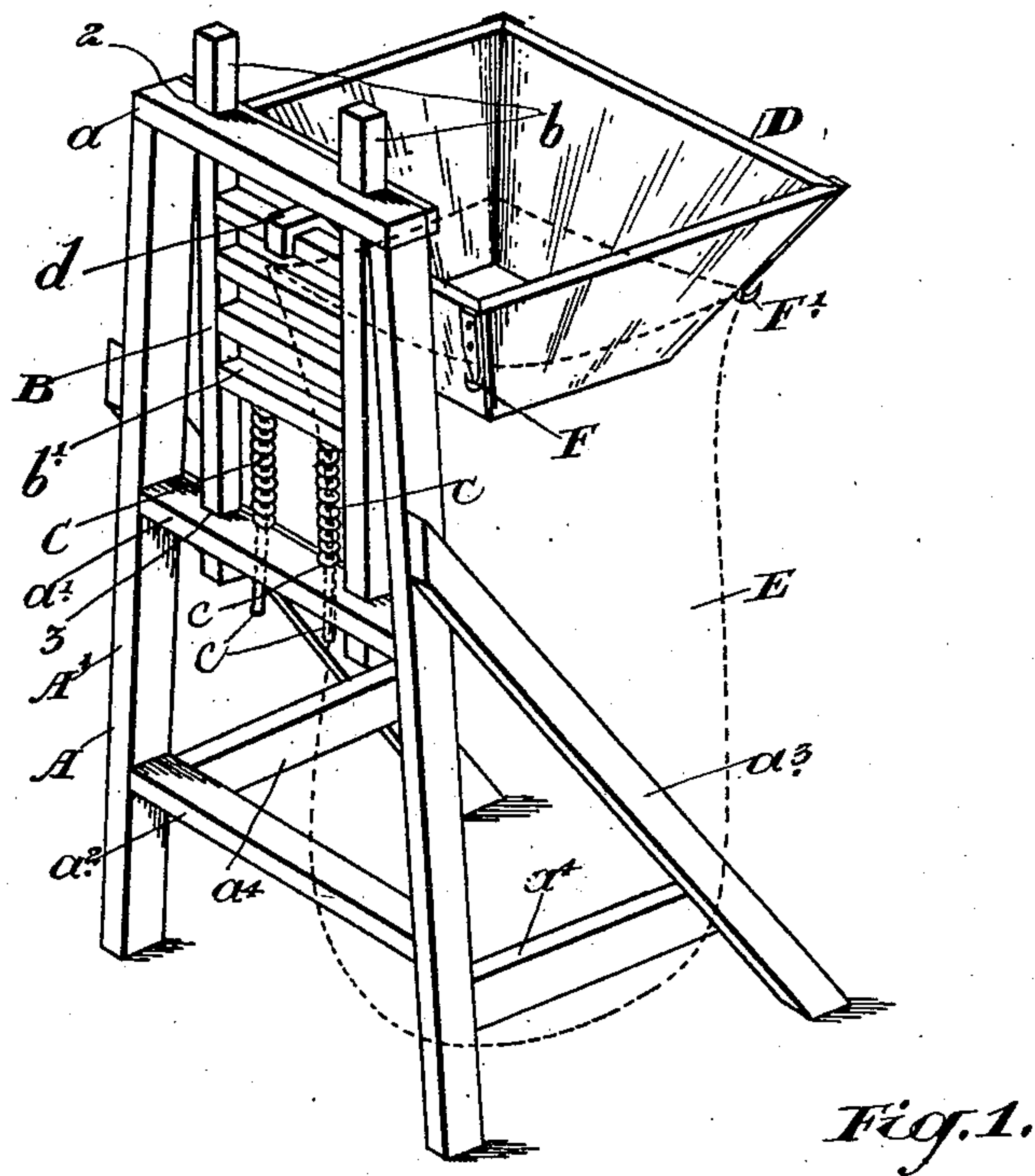
No. 725,721.

PATENTED APR. 21, 1903.

C. KENNEY.  
BAG HOLDER.

APPLICATION FILED MAR. 23, 1901.

**.NO MODEL.**



Witnesses.  
H. L. Trimble  
R. Shields

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# UNITED STATES PATENT OFFICE.

CHARLES KENNEY, OF CHEPSTOW, CANADA.

## BAG-HOLDER.

SPECIFICATION forming part of Letters Patent No. 725,721, dated April 21, 1903.

Application filed March 23, 1901. Serial No. 52,507. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES KENNEY, of Chepstow, in the county of Bruce, in the Province of Ontario, Canada, have invented certain new and useful Improvements in Bag-Holders, of which the following is a specification.

My invention relates to improvements in bag-holders; and the object of the invention is to devise a very simple and readily-adjustable device whereby the bag may be held in position preparatory to being filled; and it consists, essentially, of a standard having suitable bracing-legs and a supplemental ladder-frame supported in such standard, such ladder-frame having a spring-support, and a hopper having a suitable hook for connecting it to such ladder-frame, and also blunt and sharp connecting-hooks by which the bag is connected to the bottom of the hopper, the parts being arranged and constructed in detail as hereinafter more particularly explained.

Figure 1 is a perspective view of my bag-holder. Fig. 2 is a perspective detail of the hopper.

In the drawings like characters of reference indicate corresponding parts in each figure.

A is the standard, which consists of the side uprights A' and the cross-bars  $a$ ,  $a'$ , and  $a^2$ .

$a^3$  represents braces, which are secured to the standard and are connected thereto by ties  $a^4$ , thus forming a secure base for such standard.

B is a ladder-frame, consisting of the side bars  $b$   $b$  and the rungs  $b'$ . The side bars extend through correspondingly-shaped openings 2 and 3 in the bars  $a$  and  $a'$ , respectively.

C C are the rods extending between the bottom rung of the ladder and the cross-bar  $a'$ .

$c$  represents spiral springs encircling the rods C C and forming a spring-support for the ladder-frame, inasmuch as the bottom rung rests upon such spiral springs. The rods C C of course extend freely through the bar  $a'$ .

D is the hopper, which has inclined sides and is made, preferably, rectangular both at the top and bottom and narrower at the bottom. Of course the hopper might be made of any suitable form or may be made of any suitable material. It may be made circular and of sheet metal.

$d$  is a supporting-hook secured to the hopper at one side thereof. Beneath the hook

$d$  is secured a block  $d'$ , which has a vertical outer face, which is designed to rest against the side of the frame and thereby hold the top of the hopper horizontal. The hook  $d$  is designed to straddle any one of the rungs of the ladder-frame B, this of course depending upon the length of the bag, the bottom of which it is, of course, intended shall rest upon the ground, so as to relieve the strain from the bag-holder itself.

The bag E is shown in dotted lines in order to exhibit the hooks F, which are preferably fastened to or near the corners of the hopper, the three hooks being blunt hooks, so as to injure the top of the bag as little as possible. The fourth hook F' is preferably a sharpened hook, and it is over this hook that the top edge of the bag is finally pulled at this side.

It will of course be readily seen that the edge of the bag all around may be placed over the blunt hooks easily enough, but the edge has to be stretched in order to secure it finally to the final hook F', which is sharp, so as to securely grip the top edge of the bag at the point where it is inserted. I find in practice by this arrangement that the dull hooks serve to grip the remaining portion of the edge and the sharp hook gives the final security to the whole edge, thus maintaining the bag securely in position at the bottom of the hopper. I may, however, use all sharpened hooks without departing from the spirit of my invention.

It will be seen that the springs  $c$ , hereinbefore mentioned, serve to keep the bag taut and yet relieve the strain on the hooks by which the bag is held up.

What I claim as my invention is—

In a bag-holder, the combination with a standard having cross-bars, of a ladder-frame comprising vertical side bars movably supported in said cross-bars and a series of rungs connecting the side bars, rods secured to the bottom rung and passing loosely through one of the cross-bars, spiral springs encircling said rods, a hopper provided with a supporting device adapted to be detachably engaged with either one of the rungs, and means carried by the hopper for supporting a bag, all substantially as described.

CHARLES KENNEY.

Witnesses:

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