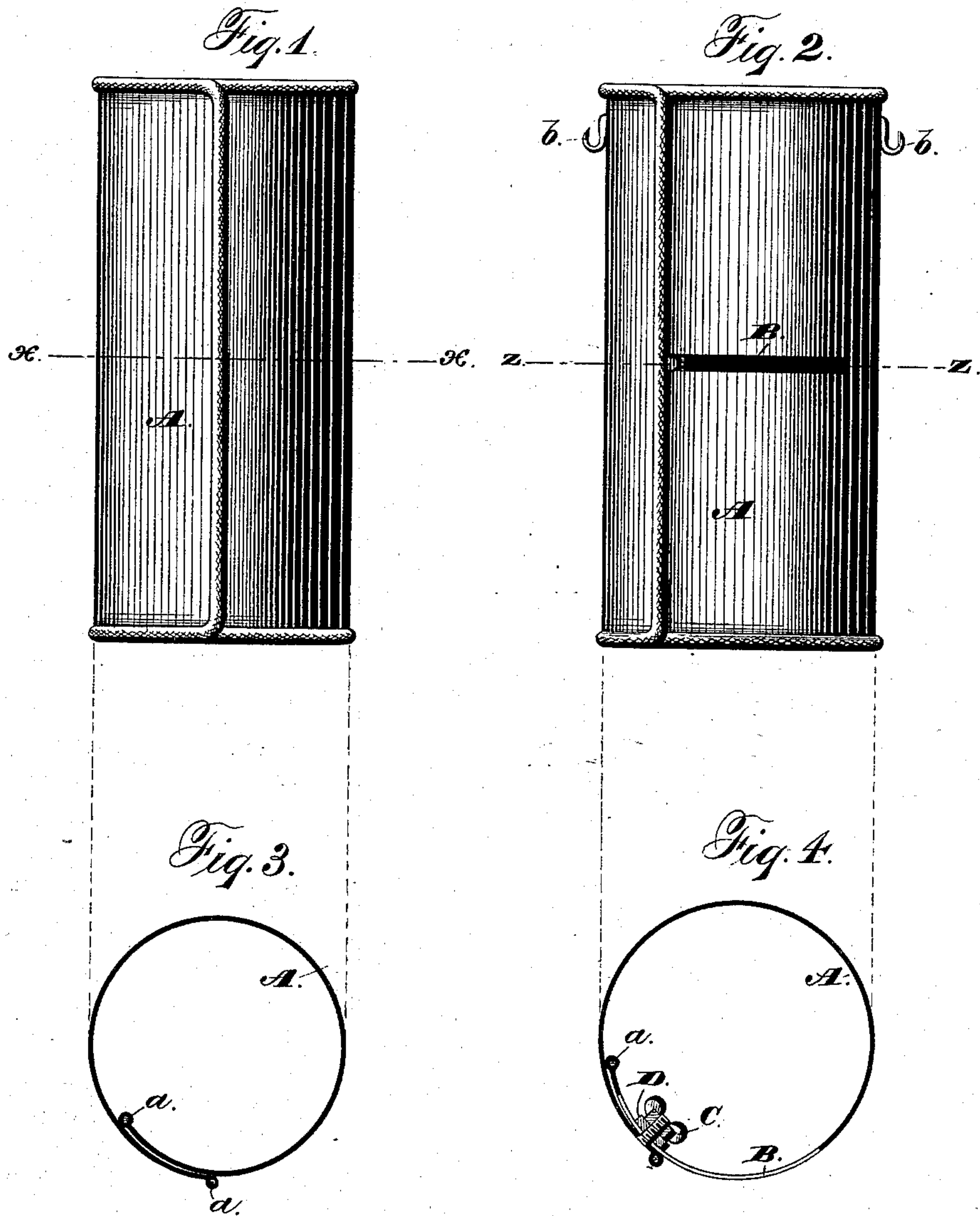


(No Model.)

D. R. ADKISSON.
BAG HOLDER AND FILLER.

No. 271,759.

Patented Feb. 6, 1883.



Witnesses:
Jas. E. Hutchinson.
J. A. Rutherford.

Inventor.
Duncan R. Adkisson,
By his Attorney,
James L. Norris.

UNITED STATES PATENT OFFICE.

DUNCAN R. ADKISSON, OF CORSICANA, TEXAS.

BAG HOLDER AND FILLER.

SPECIFICATION forming part of Letters Patent No. 271,759, dated February 6, 1882.

Application filed October 23, 1882. (No model.)

To all whom it may concern:

Be it known that I, DUNCAN R. ADKISSON, a citizen of the United States, residing at Corsicana, in the county of Navarro and State of Texas, have invented new and useful Improvements in Bag Holders and Fillers, of which the following is a specification.

This invention comprises improvements in devices for holding and filling bags, sacks, and similar packages, whether of paper or other fabric, with mill products, smoking-tobacco, and other goods.

The invention consists of an expansible bag holding and filling funnel composed of a metallic strip having overlapping edges and provided with attached spring-wires, such funnel being capable of contraction to enter a bag, and of expanding therein for the purpose of holding and filling the bag, as will be fully hereinafter described.

In the annexed drawings, illustrating my invention, Figure 1 is a view of my improved bag-holding frame. Fig. 2 represents a modification, and Figs. 3 and 4 are details.

Like letters of reference indicate corresponding parts in the several views.

Referring to the drawings, the letter A designates an open-ended cylinder composed of a suitable metallic strip having movable overlapping ends or edges, as shown. The edges or rim of this tube, band, or cylinder are rolled or folded over and around a metallic wire, *a*, which serves to strengthen the tube or cylinder and imparts the requisite elasticity thereto. It will be seen that the tube, when thus constructed, is capable of contraction and expansion to facilitate its entrance into and attachment within the mouth of the bag, sack, or other package to be filled. In order to attach the bag securely to the holder or cylinder A, one end of said cylinder may be provided with hooks *b b* or other suitable devices.

When it is desired to fill a sack, bag, or similar package, the tube or cylinder A will be forcibly compressed with the hands until its diameter is sufficiently reduced or contracted to enable one end of the device to be inserted into the mouth of the package. By removing the pressure thus exerted upon the cylinder

it will expand so as to bear against and within the mouth of the bag that is thereby attached thereto either with or without the intervention of the hooks *b* or other fastenings. When the bag and cylinder are thus connected the goods to be packed may be readily passed through the cylinder into the bag and be compressed or rammed therein with great facility. The tube or cylinder A may be used alone for the purpose indicated, or it may be used in connection with a funnel or a flaring connection inserted in its upper end.

Although a cylindrical form is preferred for the filling device, it is obvious that an oval or other suitable form in cross-section may be employed.

If desired, one end of the metallic strip composing the tube A may be slotted, as shown at B in Figs. 2 and 4, the opposite or outer overlapping end of the strip being provided on its inner side with a thumb-screw, C, and nut D, by which the tube when adjusted may be readily held in any required position.

A steel band may be substituted for the spring-wire *a* in the rim or edges of the strip composing the tube.

An expansible tube of the construction herein described affords simple and convenient means of filling bags or similar packages of various sizes with meal, flour, loose tobacco, grain, and other commodities.

It is obvious that the tube may be manufactured in various sizes to correspond with varied requirements of use.

Having thus described my invention, what I claim is—

1. As a new article of manufacture, a bag-filling funnel composed of an elongated cylinder having overlapping longitudinal edges provided with spring-wires *a*, said funnel being capable of contraction and expansion, and when inserted in a bag also serving to hold the same, substantially as described.

2. An expansible bag holding and filling funnel composed of a metallic strip having overlapping edges inclosing spring-wires, substantially as described.

3. In a bag holding and filling device, the combination of the expansible tube A, com-

posed of a metallic strip having movable overlapping ends, one of which is provided with a slot, B, a thumb-screw, C, and nut D, attached to the opposite end of said strip, a spring-
5 wire, *a*, inserted in the rim of the strip composing the tube, and hooks or fastenings *b b*, attached to the end of the tube, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

DUNCAN RODOLPH ADKISSON.

Witnesses:

SAML. R. FROST,
WALTON C. WINKLER.