

No. 646,010.

Patented Mar. 27, 1900.

J. B. RHODES.
BAG CARRYING CART.
(Application filed May 11, 1899.)

(No Model.)

2 Sheets—Sheet 1.

Fig. 1

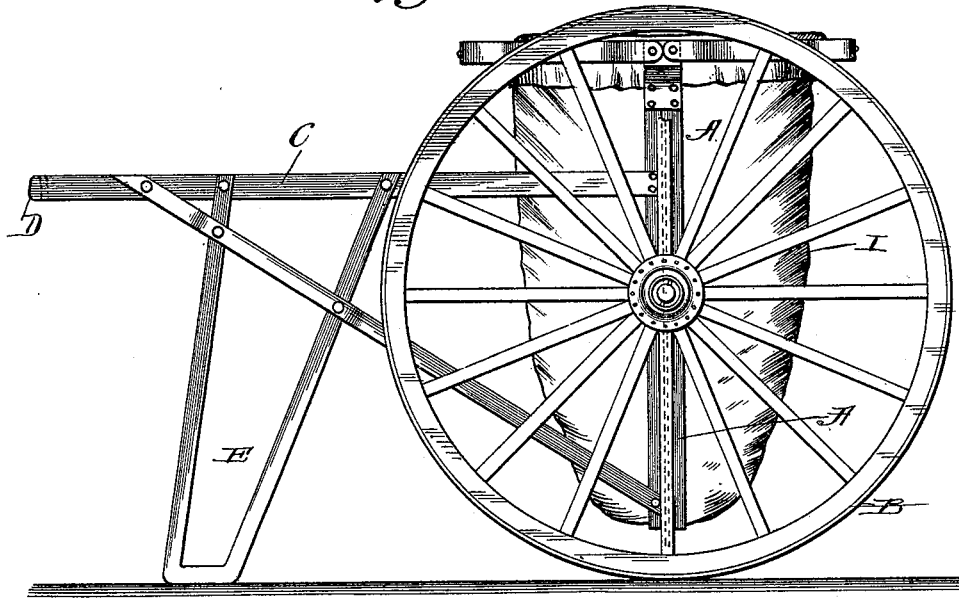
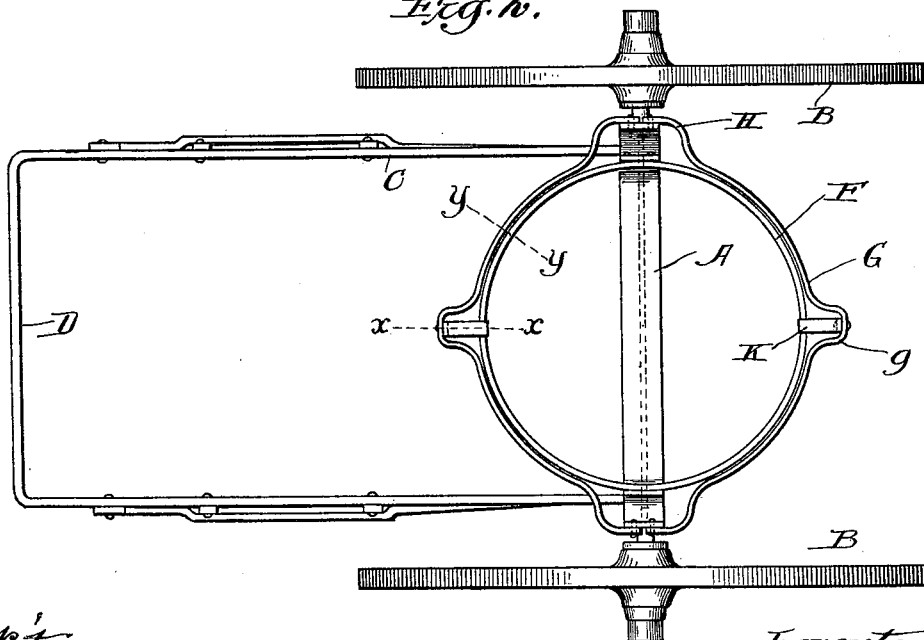


Fig. 2.



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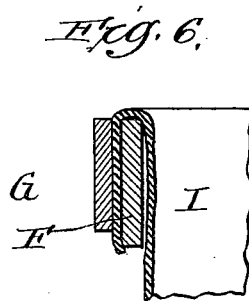
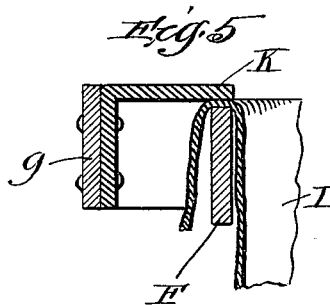
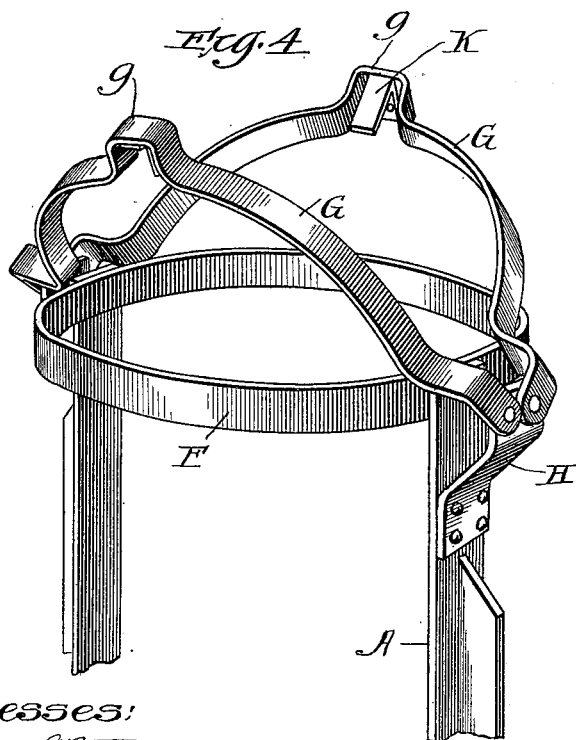
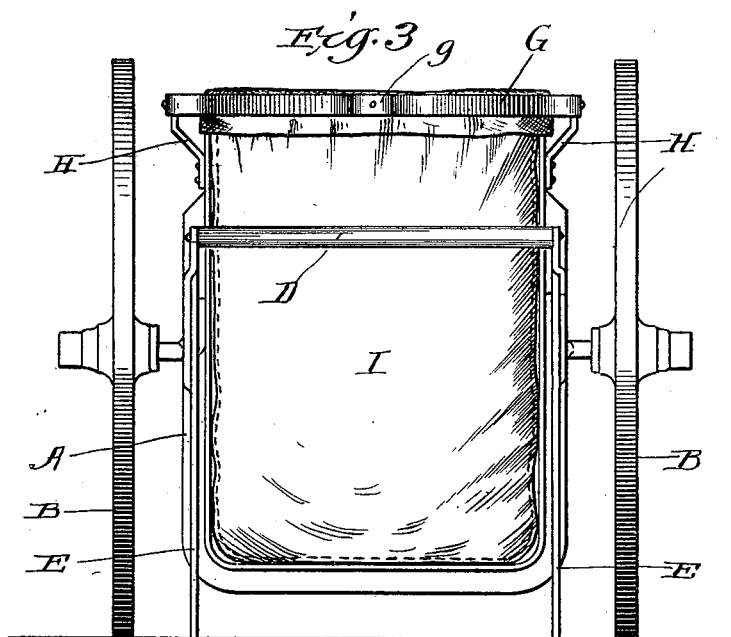
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2 Sheets—Sheet 2.



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UNITED STATES PATENT OFFICE.

JAY B. RHODES, OF HARVEY, ILLINOIS, ASSIGNOR TO FREDERICK C. AUSTIN,
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BAG-CARRYING CART.

SPECIFICATION forming part of Letters Patent No. 646,010, dated March 27, 1900.

Application filed May 11, 1899. Serial No. 716,377. (No model.)

To all whom it may concern:

Be it known that I, JAY B. RHODES, a citizen of the United States, residing at Harvey, in the county of Cook, State of Illinois, have invented a certain new and useful Improvement in Bag-Carrying Carts, of which the following is a specification.

My invention relates to a cart more particularly adapted to be manually pushed or drawn along streets by an attendant and provided with a bag or sack holding device for temporarily holding open a sack or bag in position to permit the attendant to shovel refuse from the street into the bag or sack, the latter when filled being detached from the holder, tied up at the neck, and then thrown into a general-delivery cart or wagon.

Objects of my invention are to provide a simple and generally-efficient construction of sack or bag holding device, to permit bags or sacks of various sizes and grades of thickness to be attached to and removed from the bag or sack holding device without altering or varying the form or dimensions of the latter, to permit the bags or sacks to be readily and conveniently attached to and removed from the bag or sack holding device, to permit the sacks or bags to be easily and securely attached to said bag or sack holding device, and to provide certain novel and improved details of construction in the bag or sack holding device, as hereinafter set forth.

To the attainment of the foregoing and other useful ends I provide the body-frame of the cart with a bag or sack holding device comprising an open frame from which the bag or sack is suspended and which is adapted to maintain the bag or sack in an open condition, and in connection therewith I provide a plurality of hinged clamps or clasps, which can be operated for clamping the edge portion of the open bag or sack against the open frame, from which the bag or sack will be suspended when thus clamped. These clasps or clamps are also, desirably, spring devices, which automatically accommodate themselves to bags of various sizes and thicknesses and generally operate for the purpose for which they are designed in a most efficient manner.

In the accompanying drawings, Figure 1

represents the cart with my improved bag or sack holding device in side elevation. Fig. 2 is a top plan view, and Fig. 3 is a front end elevation, of the same. Fig. 4 illustrates the bag or sack holding device in perspective on a larger scale than in preceding figures. Fig. 5 is a detail showing a section through a portion of the bag or sack and holding device therefor on line *xx* in Fig. 2. Fig. 6 is a like view on line *yy* in Fig. 2.

The construction of the cart illustrated in said drawings involves a U-shaped body frame portion A, supported by wheels BB; a suitably-braced horizontal frame portion C, secured to the sides of the U-shaped frame portion and having side bars, to which a transversely-arranged handle-bar D is attached or united, and legs E, suitably attached to such horizontal frame portion, so as to uphold the cart-frame when the cart is at rest, as in Fig. 1. The open frame portion, from which the bag or sack is suspended and which holds the bag or sack open, is formed by a ring or annular band F, secured to the upper ends of the two sides of the U-shaped frame portion. This band or ring is preferably continuous and in the form of a circular band or hasp, although it may be made non-continuous and of elliptical or other like form suitable for holding open the sack or bag, which when applied to such open frame portion will have the marginal portion around its open end lapped over the open frame or ring from the inner side of the latter, so that the edge portion of the bag or sack may lie against the outer side of the ring, as best shown in Fig. 6.

The clasps or clamps G are hinged upon suitable supporting means, such as brackets H on the vertical sides of the U-shaped frame portion of the cart frame or body, and are formed as yokes or bails. These clasps or clamps are relatively arranged, so that they may be swung upwardly, as in Fig. 4, to an extent to permit the bag or sack to be applied to the open bag or sack holding frame portion F and also swung downwardly, so as to engage and clamp the edge portion of the sack or bag I against the open frame portion F, as best shown in Fig. 6. These clasps or clamps are pivoted at opposite sides of the

open frame portion F, so that when swung upwardly they will swing the one toward the other, and, conversely, when they are reversely operated they will swing apart. The
5 clasps or clamps G are also preferably made of spring metal and formed with suitable bends, such as at *g g*, to permit them to have a yielding spring action when swung down into position for clamping the edge portion of
10 the bag or sack against the open frame portion F. In this way the clasps or clamps will more effectively hold the bag or sack and also adapt themselves to bags or sacks of different thicknesses. While these clasps or clamps will
15 thus hold the bag or sack with a spring-clamping action, they can be easily swung up and freed from the bag or sack, so as to permit the removal of the latter. The clasps or clamps are also desirably provided with
20 suitable stops, which limit the extent of their down swing, a simple way being to provide each clasp or clamp with a bend *g* and form with or secure to them a lug or plate K, forming a stop which when the clasp or clamp is
25 down will rest on the portion of the bag or sack which lies upon the top edge of the ring F, as illustrated in Fig. 5. By hinging these clasps or clamps to the body-frame they will at all times be ready for service and be in
30 position for accurate adjustment for the purpose of either securing or releasing the sack or bag.

What I claim as my invention is—

1. In a cart adapted for the purpose set
35 forth, the combination of an annular band or ring, a sack having its mouth held open by said ring or band, and a pair of oppositely-

arranged and swinging clasps which are adapted to clamp the marginal portion of the sack against the annular band or ring and
40 which are provided with spring-bends for the purpose set forth.

2. In a cart for the purpose set forth, the U-shaped frame having a ring or annular band secured to the upper ends of its side
45 portions, and a pair of swinging clasps or clamps which are pivoted to brackets on the frame and which are adapted to clamp the edge portion of a sack against the said ring.

3. A cart comprising a body-frame pro-
50 vided with a ring or annular band adapted for holding open a bag or sack, and a couple of hinged and oppositely-arranged spring clasps or clamps adapted for clamping the edge portion of a bag or sack against the ring
55 or annular band when the bag or sack is applied substantially as described, said clasps or clamps being bail-shaped and formed with spring-bends for the purpose set forth.

4. A cart comprising a U-shaped frame hav-
60 ing the upper ends of its side portions provided with an open frame portion adapted for holding open a bag or sack substantially as set forth, and oppositely-arranged spring clasps or clamps adapted for clamping against
65 such open frame portion the marginal portion of a bag or sack having the material at its open end lapped over the open frame portion.

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Witnesses:

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