

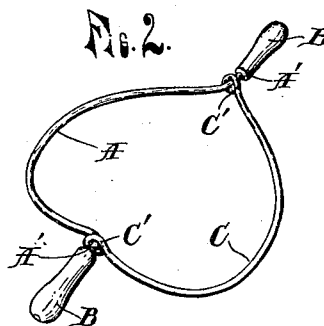
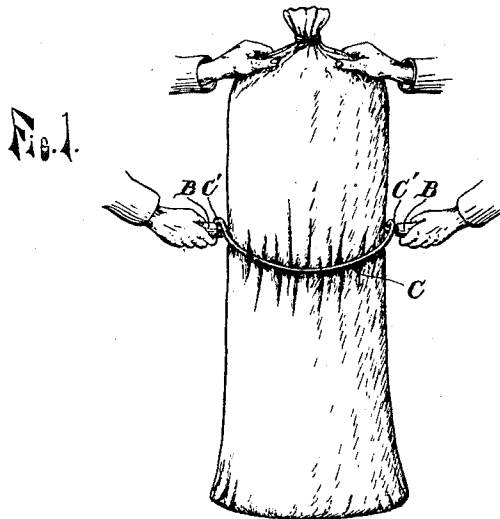
No. 701,146.

Patented May 27, 1902.

E. L. & W. H. CADWELL.
BAG HANDLE OR CARRIER.

(Application filed Mar. 17, 1902.)

(No Model.)



WITNESSES.

Lewis C. Sanders
Thomas A. Longstaff

INVENTORS

Edward L. Cadwell
William H. Cadwell

By *Bartholomew*
Attorneys.

UNITED STATES PATENT OFFICE.

EDWARD L. CADWELL AND WILLIAM H. CADWELL, OF DETROIT,
MICHIGAN.

BAG HANDLE OR CARRIER.

SPECIFICATION forming part of Letters Patent No. 701,146, dated May 27, 1902.

Application filed March 17, 1902. Serial No. 98,533. (No model.)

To all whom it may concern:

Be it known that we, EDWARD L. CADWELL and WILLIAM H. CADWELL, citizens of the United States of America, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Bag Handles or Carriers, of which the following is a specification, reference being had therein to the accompanying

drawings.
Our invention relates to bag handles or carriers for grain or other bags or sacks to facilitate the handling of the same; and its object is to provide a device which is readily engaged with and disengaged from a full bag or sack to furnish a handhold, so that the bag may be readily and easily lifted, thus preventing the delay and inconvenience in finding a place to grasp the bag and the consequent injury to the fingers of the operator from such contact with the bag.

To this end the invention consists in providing two semicircular loops or parts hinged together and adapted to be slipped over the end of a bag, outwardly-projecting handles being provided at the pivotal points of said loops, so that when the operator lifts on the handles the center of the loops will grip the side of the bag with increasing force as the strain of lifting increases; and the invention also consists in certain other features, all as hereinafter more fully described, and particularly pointed out in the claims, reference being had to the accompanying drawings, in which—

Figure 1 is a view showing the application and manner of operating a device embodying our invention, and Fig. 2 is a perspective view of the device.

A is a semicircular loop of heavy wire or rod, which is bent outward near its ends to form the laterally-projecting straight portions A', upon which are secured the handles B, and C is a second semicircular loop having eyes C' formed at its ends, which eyes engage the straight portions A' of the loop A between

the bend and inner end of the handle to pivotally secure the two parts or loops together and form a ring. The diameter of the ring thus formed is considerably greater than the diameter of the bag or sack, and so when the loops are held in the same plane said ring may be easily slipped over the end of a bag. When the carrier is so placed over the bag and is there supported only by its handles, the loops will fall by gravity toward each other and engage the sides of the bag, which sides will be tightly gripped by the loops when the operator raises on the handles, as the weight of the bag, which is in engagement with the middle portions of the loops only, tends to turn said loops toward each other.

Grain-bags may be handled with facility by two men with this device, one man at each side of the bag, who will when the bag is to be put upon a wagon or other elevated place each take hold of a handle with one hand and with the other hand grasping the upper end of the bag raise the bag from the floor and giving it a swing throw it upon the wagon, releasing the carrier from the bag at the moment the bag is thrown by raising the loop C with the forefinger of the hand grasping the handle. With practice the men will become very proficient in manipulating the device and will be able to handle bags of grain easily and with despatch.

Having thus fully described our invention, what we claim is—

In a bag-carrier, a semicircular loop bent laterally near its ends, handles on said ends, and a semicircular loop having eyes at its ends to engage the laterally-projecting ends of the other loop.

In testimony whereof we affix our signatures in presence of two witnesses.

EDWARD L. CADWELL.
WILLIAM H. CADWELL.

Witnesses:

LEWIS E. FLANDERS,
OTTO F. BARTHEL.