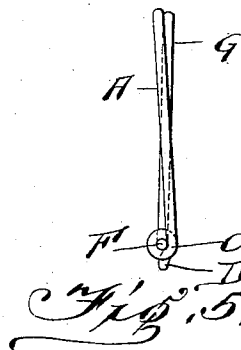
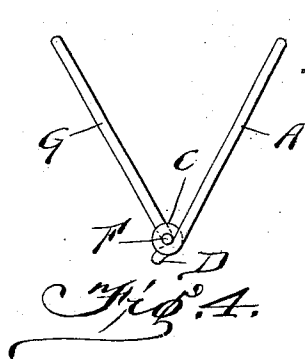
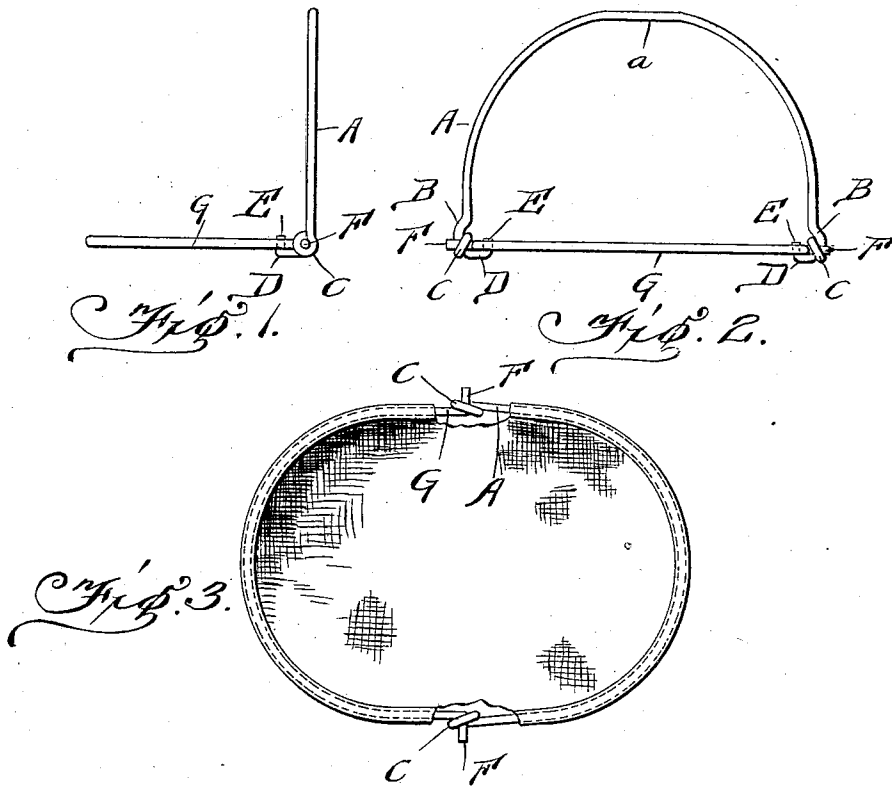


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BAG CLOSURE.
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939,736.

Patented Nov. 9, 1909.



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BAG-CLOSURE.

939,736.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, FRANK MCKAIN, citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Bag-Closures, of which the following is a specification.

This invention relates to bag closures, and has for its object to provide an improved and simple means for holding the mouth of a bag in either closed or open position. One of the chief merits of the article is its cheapness, being made of wire bent to the form or shape hereinafter described. Although shown as so constructed, it may be modified with respect to material, and also in other respects, within the scope of the invention.

In the accompanying drawings, Figure 1 is a side view of the device. Fig. 2 is a front view. Fig. 3 is a top plan view of a modified form in open position. Fig. 4 is a side view in partly open position. Fig. 5 is a side view in closed position.

Referring specifically to Figs. 1 and 2, A indicates a curved or substantially semi-circular member made of bent wire, and G indicates another somewhat similar member forming the other part of the closure. The section G is slightly smaller than the section A so that when closed it will snap thereunder, and will be held closed by a slight depression *a* at the middle of the section A. The section G is pivotally connected to the section A by means of outstanding ends F which extend through loops C made near the ends of the section A, the loops being offset outwardly, as indicated at B, to allow the section G to fit closely within the section A when closed. Beyond the loops C the ends of the wire are bent inwardly, as indicated at D, and then bent upwardly at the terminals, as indicated at E.

The parts or arms D project laterally at about 90° from the plane of the section A, and when the sections are opened the section G contacts with said arms on the outer side of the projection E, and said arms D prevent the sections from opening more than about 90°, and the projections E serve to prevent the pivots F pulling out of the loops C while the bag is open. The wire A can therefore be hung on a hook or nail, and the wire G

extends outwardly when open and holds the mouth of the bag open so that the bag can be easily filled. Obviously the arms D may be bent to project at any angle desired, and so that part G will be stopped or allowed to open to a corresponding extent, and thus the mouth of the bag opened to a greater or less extent.

In the form shown in Figs. 3, 4 and 5, the parts are substantially the same except that the arms D project in substantially the same plane as the wire section A, and the fingers E are omitted. The extensions D therefore act as stops when the bag is opened to full extent, as shown in Fig. 3.

In use the sections hold the mouth of the bag open or closed as desired. They can be readily separated and removed from the bag by pressing the ends of the part G inwardly until the pivots F are retracted from the loops C, and then the parts may be slipped out through the hem of the bag to which they are to be applied.

The device will be found particularly useful for laundry bags and the like, but may be used as a closure for receptacles of various other kinds.

I claim:

1. A bag closure comprising two members made of wire or the like, the ends of one member being coiled to form loops and extensions projecting therefrom, and the ends of the other member being offset to form pivots in said loops, the said extensions forming stops for the latter member, limiting the opening movement thereof.

2. A bag closure comprising two separable spring members made of wire or the like, one member having pivots at the ends and the other member having bearings at the ends into which said pivots project and are held by the resiliency of the member, and also having means to prevent the withdrawal of said pivots from the bearings when the members are in open position.

In testimony whereof, I affix my signature in presence of two witnesses.

FRANK MCKAIN.

Witnesses:

MONROE E. MILLER,
JOHN A. BOMMARDT.