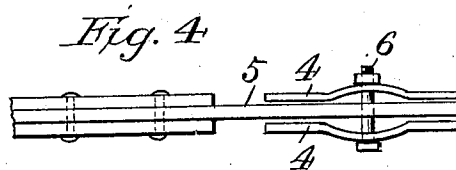
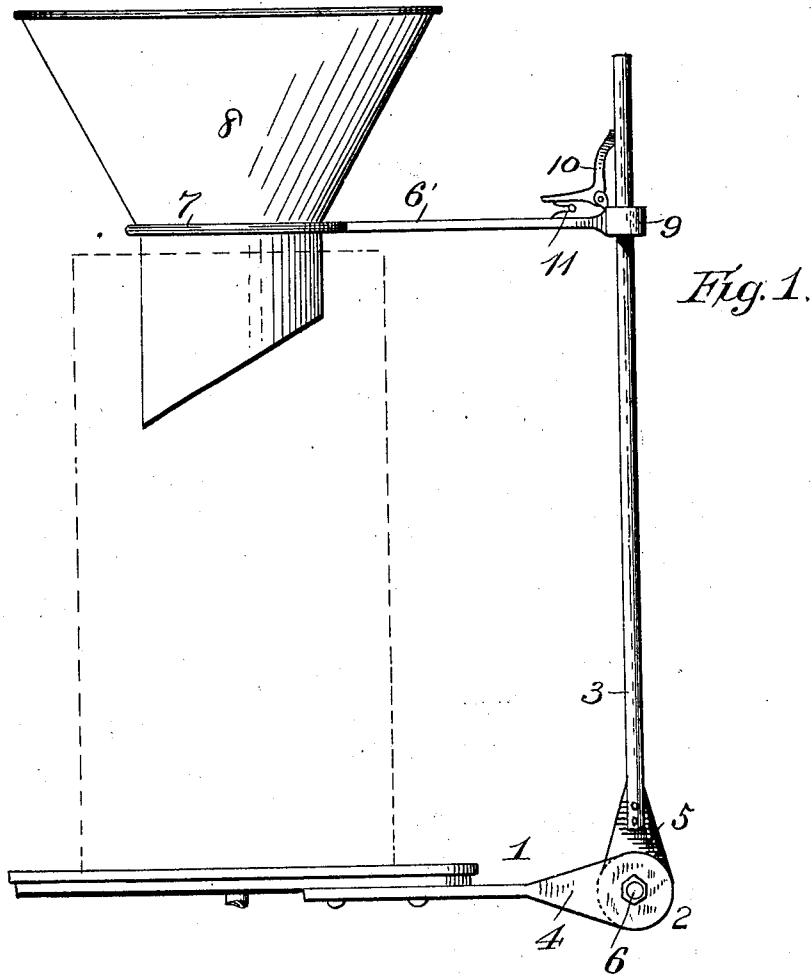


J. R. McGOWAN.  
BAG HOLDER.  
APPLICATION FILED OCT. 5, 1908.

918,355.

Patented Apr. 13, 1909.  
2 SHEETS—SHEET 1.



Witnesses:

S. L. Burkett.  
J. H. Miller

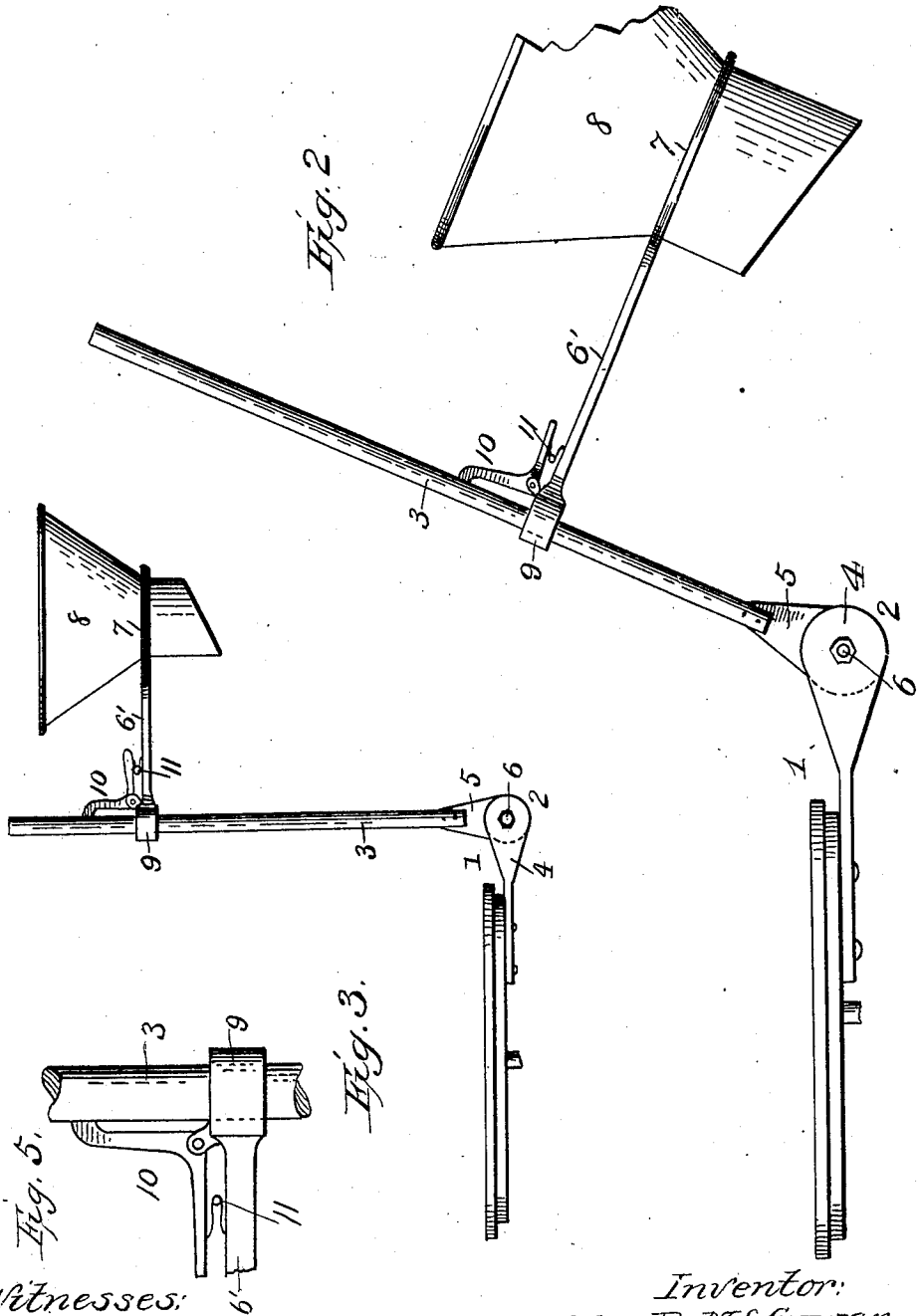
Inventor:  
John R. McGowan,

By *Sam Ruggen* Attorney.

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Patented Apr. 13, 1909.  
2 SHEETS—SHEET 2.



Witnesses:  
L. L. Buckel.  
J. M. Miller.

Inventor:  
John R. McGowan,  
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Attorneys.

# UNITED STATES PATENT OFFICE.

JOHN REED MCGOWAN, OF GAFFNEY, SOUTH CAROLINA.

## BAG-HOLDER.

No. 918,355.

Specification of Letters Patent.

Patented April 13, 1909.

Application filed October 5, 1906. Serial No. 337,580.

*To all whom it may concern:*

Be it known that I, JOHN REED MCGOWAN, a citizen of the United States, residing at Gaffney, in the county of Cherokee and State of South Carolina, have invented certain new and useful Improvements in Bag-Holders, of which the following is a specification.

My invention relates to improvements in what may be termed bag filling attachments for platform scales. Its object is to provide for conveniently and readily filling sacks or bags with any required substance for merchantable purposes, as flour and the like, and for weighing the contents thereof at one operation; and to carry out these ends in a simple and effective manner.

Said invention consists of certain instrumentalities or features substantially as hereinafter fully disclosed and specifically pointed out by the claim.

In the accompanying drawing illustrating the preferred embodiment of my invention—Figure 1 is a side elevation of the same as applied to a platform-scale. Fig. 2 is a view showing the attachment or invention as deflected from its vertical position. Fig. 3 is a view showing the funnel carrying arm of the attachment disposed away from over the scale-platform as when out of use. Fig. 4 is an enlarged detailed plan view showing more particularly the joint between the upright or standard and the bracket connected to the scale-platform. Fig. 5 is a similar view disclosing more especially the friction dog or pawl for the retention of the funnel-carrying arm in position upon its supporting standard or upright.

In the disclosure of my invention, I provide for the suitable attachment to platform-scales, of an outstanding bracket 1, and to this bracket is connected by a suitable hinge-joint 2 an upright or standard 3 so that the last noted may be conveniently deflected, as above noted, laterally out of the way, from over the scale-platform as when out of use. This joint is preferably formed of three members or plates, of which two, (4) are fixed at their inner ends to the underside of the scale-platform and the third (5) interposed between the aforesaid two, and the three plates pivotally connected or joined together by a nut-equipped pivot-bolt 6. The two outer plates 4 are bulged or dished outward, thus providing, as pressure is applied thereto in manipulating the nut of said pivot-bolt for compressing more or less said plates, the

greater impingement of the latter upon the middle or interposed plate 5, whereby the frictional engagement thus produced therebetween will serve to retain the standard or upright 3 in fixed position as required and at the same time permit of the movement of the latter manually for the purpose already pointed out. Further, by means of the particular structural outline of said joint, the requisite impingement or friction between the parts may be obtained without causing the same to unduly bind one upon the other for easy or ready manipulation of said upright or standard.

An arm 6', having a ring-formation or terminal 7 effective for the reception and retention in position of the funnel 8, has at its opposite terminal or end a sleeve or cuff 9 inserted upon the standard or upright 3 and retained in position thereon by a friction dog or pawl 10 pivoted upon said sleeve or cuff and engaging said standard; a spring 11, interposed between said dog or pawl and said arm, serving to hold said dog in contact with said standard or upright. It will be noted that, as the dog 10 engages the standard or upright 3, it will have the effect to deflect and cause the sleeve or cuff 9 to bind or impinge at diagonally opposite edges thereof upon said standard or upright, in effecting the adjustment and retention of said sleeve or cuff upon the latter, as will be readily appreciated. The funnel 8 has the lower edge of its cylindric portion sloped or tapered as at 12 to facilitate the insertion thereof into the bag or sack as will be apparent.

It will be observed that, with the arm 6 suitably adjusted and retained in place as indicated by Fig. 1 and the funnel 8 inserted into the ring terminal or formation 7 and its cylindric portion also inserted into the bag or sack, and the latter caused to rest upon the platform of the scales, the parts will be in position for the filling operation, and that the funnel may be readily exchanged for one of a different size in accommodating the same to varying sizes of bags or sacks. When no longer needed for actual use, the attachment may be moved into the position indicated by Fig. 2, out of the way of the other-wise use of the scales.

I claim—

A bag filling attachment for scales, comprising two arms adapted to be secured at one end to the under side of a scale platform,

and the opposite ends being dish-shaped, a  
standard having an extension adapted to be  
received between the dish-shaped ends of the  
arms and held in frictional engagement there-  
5 with, an arm having a sleeve at one end  
adapted to be received over the standard  
and a looped member at the other end, a  
funnel adapted to be received in the looped  
member and a pawl on the arm adapted to  
10 be held in engagement with the standard for

holding the arm in different elevated posi-  
tions.

In testimony whereof I have signed my  
name to this specification in the presence of  
two subscribing witnesses.

JOHN REED MCGOWAN.

Witnesses:

WM. U. HASTY,  
J. EB. JEFFRIES.