Oct. 13, 1931. C. C. TIPPETT 1,827,495

GRAIN BAG HOLDER

Filed May 3, 1929

Fig. 1.

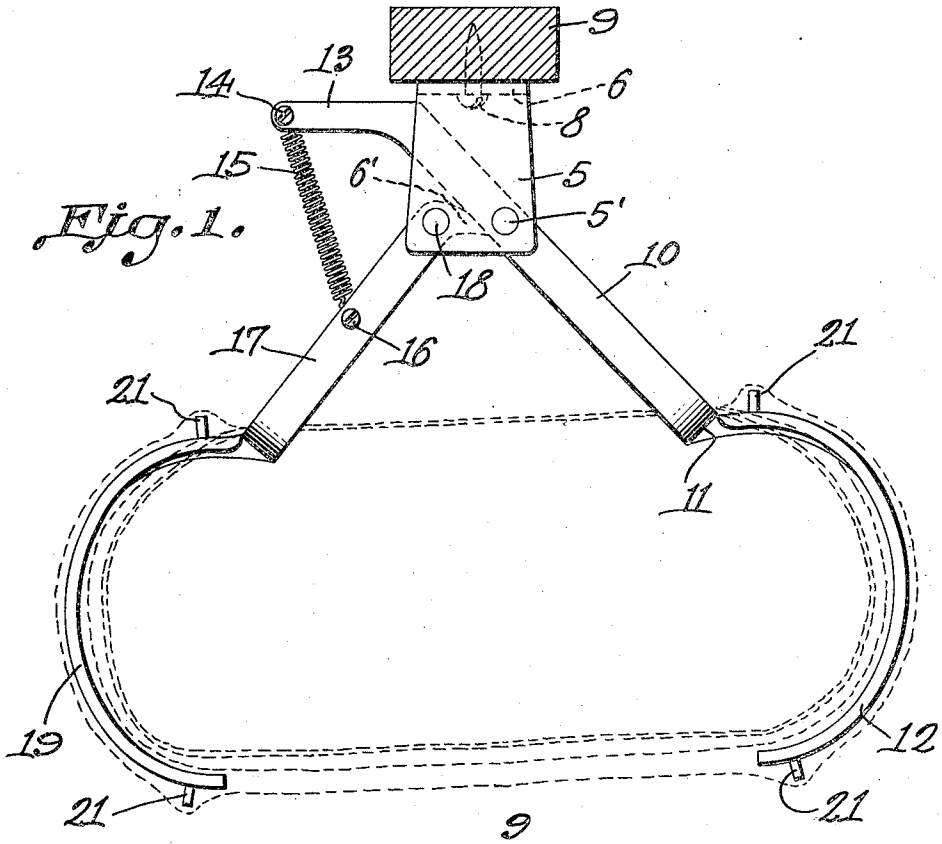
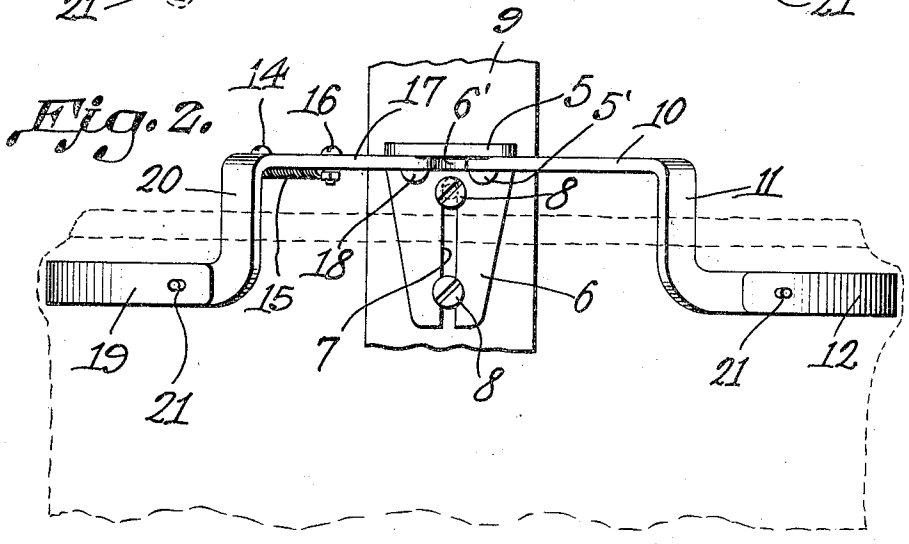


Fig. 2.



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UNITED STATES PATENT OFFICE

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GRAIN BAG HOLDER

Application filed May 3, 1929. Serial No. 360,176.

This invention relates to bag holders, and aims to provide novel means for supporting a bag while material such as grain, is being positioned therein.

An important object of the invention is to provide a device of this character including a stationary arm and a pivoted arm, there being provided a coiled spring connected with the pivoted arm for normally urging the outer end of the pivoted arm laterally to securely hold the device in position within the mouth of a bag.

A still further object of the invention is to provide lugs at the outer ends of the supporting arms for engaging the bag to prevent slipping of the bag from the supporting arms under the weight of the material placed in the bag.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

Referring to the drawings:

Figure 1 is a plan view of a bag holder constructed in accordance with the invention, showing a bag in dotted lines as positioned thereon.

Figure 2 is a front elevational view of the holder.

Referring to the drawings in detail, the reference character 5 designates a supporting member which is in the form of a plate having a right angled portion 6 formed with a longitudinal slot 7 disposed intermediate the side edges thereof, for the reception of securing screws 8 that secure the supporting member 5 in position on a support such as indicated by the reference character 9.

The reference character 10 designates one of the supporting arms of the bag holder, which is substantially long and as shown is constructed of substantially wide material. The arm 10 is pivotally secured to the supporting member 5, at 5′ so that the arm 10 may extend at an oblique angle with respect to the side edges of the supporting member.

The outer end of the arm 10 extends downwardly as at 11 and is curved providing a bag engaging end portion 12 to be fitted in the mouth of a bag when the bag is stretched to its open position. The opposite end of the arm 10 extends laterally as at 13 where it is provided with an opening to receive the bolt 14 to which one end of the coiled spring 15 is connected, the opposite end of the coiled spring being secured to the bolt 16 that is carried by the pivoted arm 17 of the bag holder.

The arm 17 is substantially short and is pivotally connected with the supporting member 5 at 18, the outer end of the arm being curved providing a bag engaging portion 19. The inner end of the arm 17 is formed into a curved finger 6′ adapted to contact with one edge of the arm 10 to hold the arms apart against the weight of the bag and material supported therein. As shown the arm 17 also extends downwardly as at 20 so that the curved portion 19 thereof will lie in the same horizontal plane with the end portion 12. Lugs 21 extend laterally from the portions 12 and 19 and bite into the bag positioned on the holder, to prevent the bag from slipping under the weight of the material placed in the bag.

To position a bag on the holder, the arm 17 is moved towards the arm 10, whereupon the bag is placed over the curved ends of the arms 10 and 17. The arms are now released and the spring 15 exerts a pull on the arms, tightening the arms in the mouth of the bag to securely hold the bag in position.

Thus it will be obvious that due to this construction, a bag to be filled with grain may be held in an open position permitting the filling of the bag with facility and without danger of spilling the material with which the bag is to be filled.

I claim:

A bag holder comprising a supporting member, a pair of suporting arms pivotally mounted on the supporting member and extending forwardly therefrom, one of the arms being substantially long and having its

inner end extended laterally beyond the supporting member, the inner end of the opposite arm being curved and adapted to engage one edge of the first mentioned arm to restrict movement of the arms towards each other, the outer ends of the arms being curved, to engage the mouth of the bag, and yieldable means connected with the arms for moving the arms away from each other.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

CHARLES C. TIPPETT.