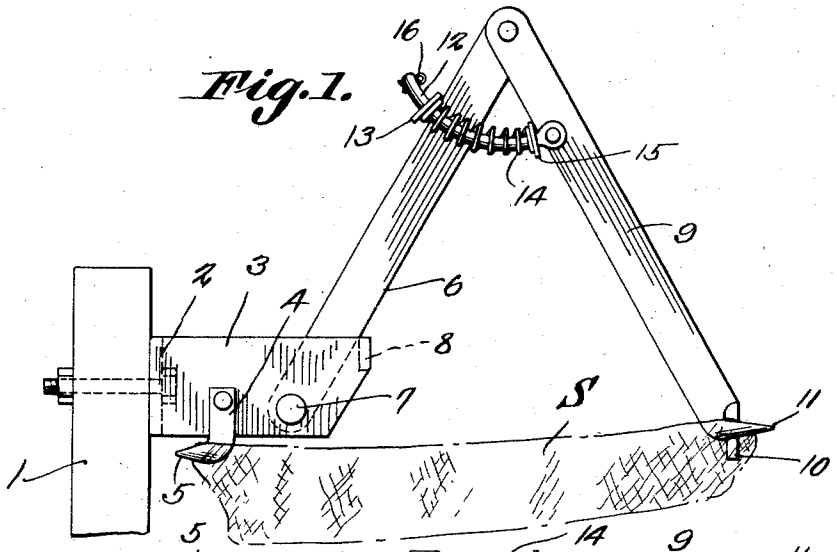
Jan. 15, 1929. 1,699,188

C. GRANBERG

SACK HOLDER

Filed April 19, 1928

Fig. 1.



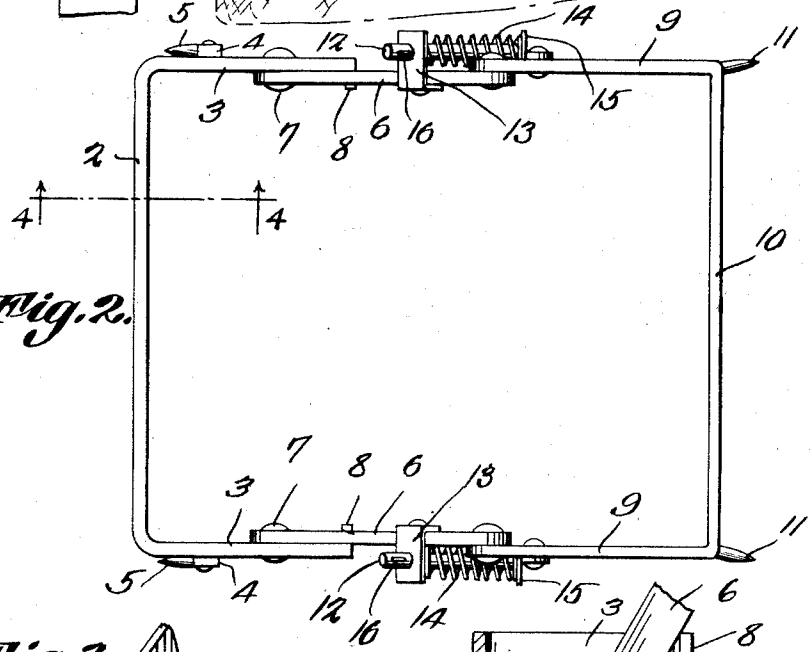
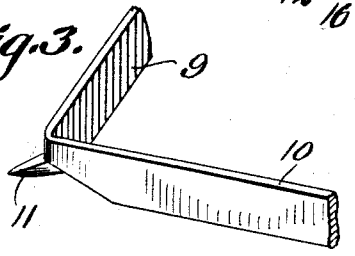


Fig. 2.

Fig. 3.



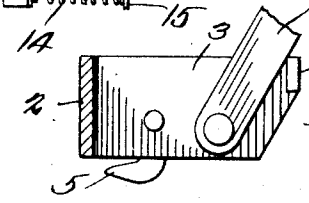


Fig. 4.

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UNITED STATES PATENT OFFICE.

CARL GRANBERG, OF FIRTH, IDAHO.

SACK HOLDER.

Application filed April 19, 1928. Serial No. 271,217.

This invention relates to a sack holder, one of the objects being to provide a simple, compact, and efficient device in granaries, coal houses, and other places where it is desired to quickly fill sacks by the use of a shovel, or any other suitable device.

A further object is to provide a sack holder which maintains the open end of the sack under tension so that the maximum clearance will be provided during the filling operation.

A further object is to provide a sack holder which can be used in connection with sacks of different sizes.

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.

In the accompanying drawings the preferred form of the invention has been shown.

In said drawings,

Figure 1 is a side elevation of a sack holder, the same being shown in engagement with a sack a portion of which has been illustrated.

Figure 2 is a top plan view of the sack holder.

Figure 3 is a perspective view of one corner portion thereof.

Figure 4 is a section on line 4—4, Figure 2.

Referring to the figures by characters of reference 1 designates a supporting structure to which is attached a yoke 2 having parallel arms 3 to each of which is attached a lug 4 having a prong 5 extending therefrom. Links 6 are pivotally connected to the respective arms 3 as shown at 7, these links being limited in their swinging movement in one direction by stop lugs 8 which are extended laterally from the arms. To the upper ends of the links 6 are pivotally connected the side arms 9 of a yoke 10, the corner portions of this yoke being shaped to provide outstanding prongs 11. To each of the arms 9 is pivotally connected an arcuate rod 12, each rod being slidable within a bracket 13 attached to the adjacent links 6.

Springs 14 are mounted on the arcuate rods and each spring thrusts at one end against the bracket 13 and at its other end against a collar 15 on the rod. Any suitable means, such as a cotter pin 16 can be employed for preventing the rod 12 from pulling out of the bracket 13.

It will be obvious that the springs 14 tend normally to thrust the yoke 10 outwardly away from the attaching yoke 2, the links 7 and yoke 10 being supported by the lugs 8 as shown in Figure 1. When it is desired to support a sack S, the same is hooked on to the prong 5 and the yoke 10 is then swung toward the attaching yoke 2 a sufficient distance to permit the prongs 11 to be inserted into the open end of the sack. The yoke 10 is then released so that it will swing away from the links 7 under the action of the springs 14, this causing the yoke to pull the sack open and to maintain it taut so that bulk material can be readily shoveled or otherwise directed into the sack.

What is claimed is:

1. A sack holder including an attaching member, sack engaging means thereon, a foldable structure pivotally connected to said member adapted to bridge an engaged sack, sack engaging means carried by the free end of said structure, and yielding means for holding said foldable structure normally spread open.

2. A sack holder including an attaching structure, means thereon for engagement with a sack, a foldable structure pivotally connected to the attaching means, means on the attaching means for engagement by said foldable structure to limit its downward movement relative to the attaching means, means carried by the free end of the foldable structure for engagement with a sack, and yielding means for holding the foldable structure normally spread apart.

3. A sack holder including an attaching yoke, sack engaging means thereon, a stop device on the yoke, links pivotally connected to the yoke and normally held by gravity upon the stop device, a yoke pivotally connected to the links, sack engaging means carried thereby and resilient means for holding the last named yoke normally shifted away from the links.

4. A sack holder including an attaching yoke, sack engaging means thereon, a stop de-

vice on the yoke, links pivotally connected to the yoke and normally held by gravity upon the stop device, a yoke pivotally connected to the links, sack engaging means carried thereby, and resilient means for holding the last named yoke normally shifted away from the links, said means including a rod pivotally connected to the last named yoke, means on one of the links for sliding engagement by the rods, and a spring on the rod thrusting against said means.

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

CARL GRANBERG.