

H. W. HILDRETH.
BAG HOLDER.
APPLICATION FILED SEPT. 19, 1911.

1,057,240.

Patented Mar. 25, 1913.

Fig. 1.

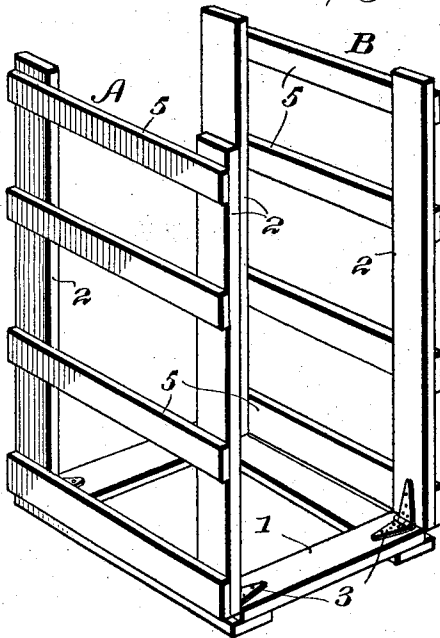


Fig. 2.

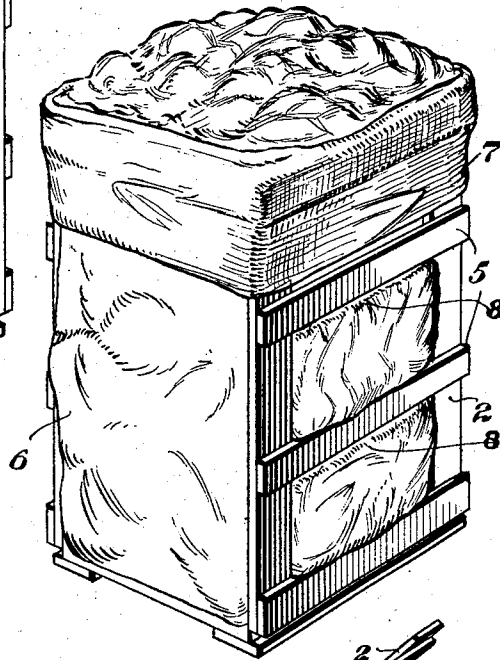
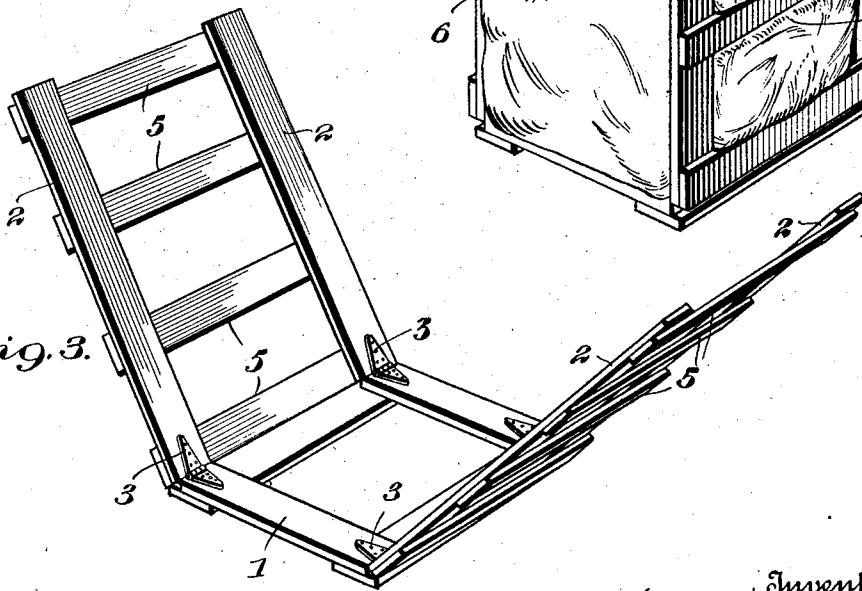


Fig. 3.



Witnesses
J. Adolph Bishop
J. C. Butler.

Inventor
Henry Walter Hildreth
by
J. W. Fide
Attorneys

UNITED STATES PATENT OFFICE.

HENRY WALTA HILDRETH, OF CLINTONVILLE, ALABAMA.

BAG-HOLDER.

1,057,240.

Specification of Letters Patent.

Patented Mar. 25, 1913.

Application filed September 19, 1911. Serial No. 650,160.

To all whom it may concern:

Be it known that I, HENRY WALTA HILDRETH, a citizen of the United States, and a resident of Clintonville, county of Coffee, State of Alabama, have invented certain new and useful Improvements in Bag-Holders, of which the following is a specification.

My invention relates broadly to bagging devices and specifically to portable bag holders for bagging cotton.

The principal object of my invention is to provide a bag holder adapted to be used in a cotton field.

Another object of my invention is to provide a portable bag holder of cheap and strong construction adapted to hold large bags securely, and arranged to permit the facile removal of the bag therefrom when the bag is filled.

A further object of my invention is to provide a bag holder adapted to keep the material in a bag supported thereon compressed so as to prevent its expanding and overflowing the bag.

A still further object of my invention is to provide a bag holder which is adapted to hold a bag open by tension, and adapted to increase this tension as the bag is filled.

Other objects of my invention will be obvious, and others pointed out in the description, or shown in the drawings.

It is often desirable, particularly in harvesting cotton to provide a means for bagging material with the least possible amount of handling. The ordinary method of handling cotton in gathering it is to provide at the ends of the rows of plants large baskets adapted to hold a considerable amount of the product. Pickers go down the rows with small bags, which when filled, are carried to the baskets and emptied therein. In order to further transport the cotton in the baskets, and to make room for more, it is further necessary to empty the baskets into large bags. It is the purpose of my invention to obviate the necessity of this last handling of the product by providing a portable device adapted to retain at the ends of the rows, a large bag open in a manner convenient for the placing of the cotton therein by the pickers, and adapted to permit the ready closing of the bag when filled, and its removal and replacement.

In the drawings Figure 1 is an illustration of my device shown in perspective.

Fig. 2 is an illustration of my device supporting a bag filled with cotton. Fig. 3 is an illustration of my device showing the sides swung outward to permit the removal of a filled bag.

By reference to the drawings, in which like characters of reference refer to like parts throughout, a suitable base 1, either of frame or solid construction, is provided at each corner of opposite sides with oppositely disposed uprights 2, of rigid material, which are secured to the base by hinges 4, arranged to limit the swinging movement of the uprights between a vertical position, and a position at approximately forty-five degrees from the vertical. The two uprights on each of the opposite sides are connected by cross pieces 5, at right angles to the uprights 2, which cross pieces are spaced apart from each other. One of these cross pieces joins the tops of each pair of uprights, and serves as a means for retaining a bag as will be described, and another of the cross pieces joins the bottoms of each pair of uprights, and serves to limit the outward swinging movement of the uprights. As connected in this fashion, the opposite pairs of uprights and their respective cross pieces form oppositely hinged sides A and B, which are capable of convergent swinging movement to a vertical position, and divergent swinging movement to an angle of approximately forty-five degrees from the vertical.

In the use of my device the swinging sides A and B are brought to the vertical, and a bag 6 placed between them. The top edge of the bag is then turned back over the ends of the uprights 2 and the top cross pieces, as is illustrated at 7 in Fig. 2, where it is retained in position by the outward pressure of the sides. This holds the bag in an open position, permitting the ready placing of material within it. As the bag is filled up the pressure of the material within it against the sides A and B tends to force the sides outward, and this has the effect of causing the sides to more closely engage the top of the bag by increasing the tension upon it. As the bag is filled it is desirable to compress the loose or light material within it into the smallest possible volume. This may be done by any obvious means, and as the material is compressed the sides of the bag are forced out between the cross pieces 5, as is illustrated at 8 in Fig. 2, and the

cross pieces hold the material in its compressed position, and prevent its expanding to overflow the bag. When the bag is filled the top edge is drawn off the sides A and B and gathered or tied in any well known manner. The withdrawal of the top edge of the bag from the sides A and B permits them to drop to the inclined position shown in Fig. 3, thereby releasing the sides of the bag and permitting the ready removal of the filled bag.

It is obvious that my invention forms a strong and simple device, easily transported, of great value as a labor saver, and in all these qualities particularly adapted to the rough usage of the cotton fields.

While but one form of my invention is described above and illustrated, I intend that the scope of my invention shall not be limited to the specific form disclosed, but that

it shall be construed to cover any of the numerous modifications and adaptations which might be suggested.

What I claim is:

A bag holder consisting of a base and side frames, the base being formed of upper and lower pairs of bars, the sides of the latter extending beyond the ends of the former; the side frames being formed of uprights and outer, upper and lower horizontal cross bars, the said uprights being hinged to the upper bars of the base and the lower cross bars of said side frames being adapted to abut against said extended sides of said lower bars of the base, substantially as described.

HENRY WALTA HILDRETH.

Witnesses:

C. P. HARPER,
B. J. BAILEY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."