

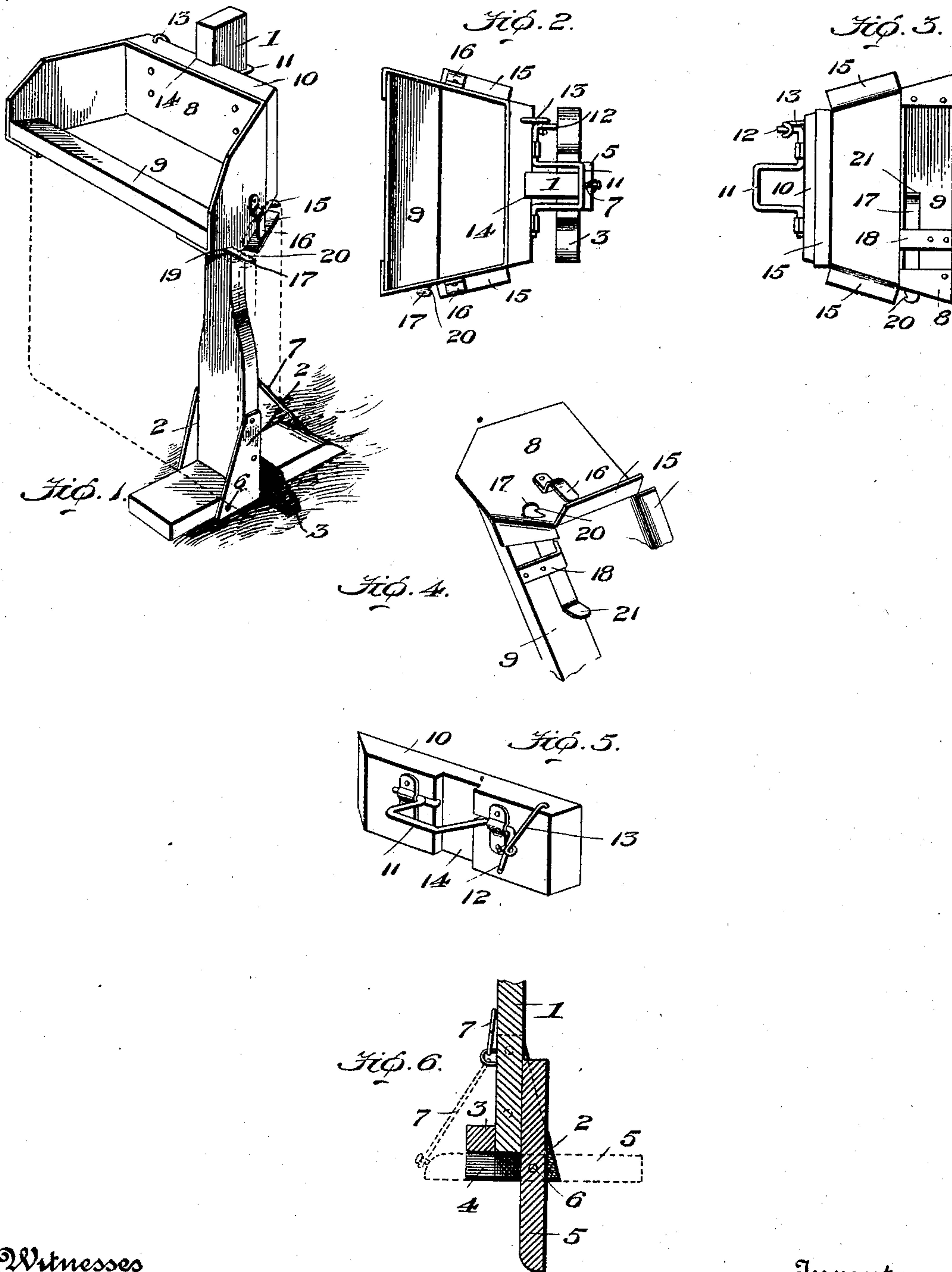
No. 719,210.

PATENTED JAN. 27, 1903.

E. M. GILBERT.
BAG HOLDER FOR BAGGING GRAIN.

APPLICATION FILED OCT. 24, 1901.

NO MODEL.



Witnesses

Charles F. DeWood

Inventor
Edward M. Gilbert
by Henry M. Coffey
his Attorney

UNITED STATES PATENT OFFICE.

EDWARD M. GILBERT, OF BYRON, MINNESOTA.

BAG-HOLDER FOR BAGGING GRAIN.

SPECIFICATION forming part of Letters Patent No. 719,210, dated January 27, 1903.

Application filed October 24, 1901. Serial No. 79,794. (No model.)

To all whom it may concern:

Be it known that I, EDWARD M. GILBERT, a citizen of the United States, residing at Byron, county of Olmsted, State of Minnesota, have invented certain new and useful Improvements in Bag-Holders for Bagging Grain, of which the following is a specification.

My invention relates to bag-holders for bagging grain.

My object is to provide a bag-holder which can be readily taken apart, so that it may be compactly packed, one which will have provision for rapid and easy adjustment of the hopper and bag-holding device on the standard, so that different lengths of bags can be accommodated and after the first half of the sack or bag is filled the hopper may be raised for the completion of the filling operation, and one which will have novel and improved means for holding the mouth of the bag or sack, so that a fine adjustment of the same to the holder can be had and even though the mouth of the sack may be ragged it can be securely held in distended position.

Having the foregoing objects in view, the invention consists of a bag-holder embracing those improved and novel features of construction described in detail hereinafter and recited in the appended claim.

In the accompanying drawings, Figure 1 is a perspective view of the device, showing a bag or sack in dotted lines; Fig. 2, a top plan view; Fig. 3, a bottom plan view of the hopper and bag-holding devices; Fig. 4, a detail of the fastening device for the bag; Fig. 5, a detail of the means for holding the hopper on the standard; and Fig. 6, a detail of the holding-foot for the standard, illustrating it in open and closed positions.

The numeral 1 designates the standard, which is provided with the hinge-plates 2 and foot 3, having the notched portion 4.

The numeral 5 designates a foot or base which is hinged to the plates at 6 and is adapted to fit into the notch 4. A hook 7 secures the holding-foot to the standard. This gives a compact construction at this part of the device, so that the invention can be folded into small compass for transportation purposes when desirable.

The hopper consists of a metal body 8, having an inclined wooden sill 9 and a back 10. Hinged to the back 10 is a bail 11, having a

crank 12, which is pressed by a spring 13, and the bail fitting over the standard or upright is thus held against it, whereby the hopper is held by friction and can be readily raised or lowered and will automatically clamp itself at any height. To prevent twisting of the hopper, the back 10 is grooved at 14 to receive the standard or upright 1. The metal body 8 of the hopper is bent into an outwardly-extending flange 15 at its ends and rear side, and on the body there are located hinge-buttons 16, adapted to be turned down to pinch the mouth of the bag or sack on the flange 15.

The numeral 17 designates a bar slidably mounted at 18 on the bottom of the sill 9 and having its end adapted to be projected through the slot 19 in the side of the body of the hopper, while the bar is provided with teeth 20, constituting a rack, any one of which will engage with the margin of the slot 19 to lock the bar wherever adjusted. This bar when forced outwardly by manipulation of its handle 21 engages the sack just below the hem and draws it tightly around the flanges of the body, thus making a tight fit between the sack and the hopper, and the teeth engaging with the margin of the slot maintain the adjustment. If it is found desirable, the buttons can be turned to further assist in holding the sack on the flanges, and this is generally done when the mouth of the bag or sack is ragged.

The hopper affords a very convenient receptacle for shoveling the grain into, and it can be adjusted to different heights to suit the length of the sack, as found desirable.

Having thus described the invention, what I claim as new, and desire to secure by Letters Patent, is—

In a bag-holder, the combination with a standard, of a hopper thereon, a bail pivoted to the hopper which is adapted to embrace the standard, and a spring urging said bail to keep it in contact with the standard, whereby the bail holds the hopper on the standard by frictional contact.

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

EDWARD M. GILBERT.

Witnesses:

GEO. J. ALLEN,
W. C. SCOTT.