UNITED STATES PATENT OFFICE.

JOSEPH OTTO BLUM, OF MADISON, WISCONSIN.

SACK-SPREADER AND GAGE.

1,211,278.


To all whom it may concern:

Be it known that I, JOSEPH OTTO BLUM, a citizen of the United States, residing at Madison, in the county of Dane and State of Wisconsin, have invented certain new and useful Improvements in Sack-Spreaders and Gages, of which the following is a specification.

My invention relates to means for holding open grain sacks and the like while being filled, and determining approximately the amount placed in the sack; and the objects of my invention are, first, to provide a means for holding open a sack and supporting it from one or more points; second, to facilitate the filling of the sack and removal of the support; and, third, to gage approximately the amount placed in the sack. I attain these objects by the mechanism illustrated in the accompanying drawing in which—

Figure 1, is a plan; Fig. 2 a vertical section; and, Fig. 3, a side elevation.

Similar numerals refer to similar parts throughout the several views.

The shell, 1, open at both ends, and constructed of any suitable material, is provided with an integral outwardly projecting flange, 2, and the cross bars, 3, riveted adjacent the bottom, to the inside of the same. Spaced around the top adjacent the under side of the flange, 2, are a plurality of apertures, 4, rounded at the top and converging to a point at the bottom, adapted to secure a portion of the sack and retain the same by being drawn to the narrow end of the opening, thereby holding the sack up and around the shell. At proper intervals from bottom to top in circumferential alignment, are provided series of small apertures, 5, graduating the device for the purpose of determining approximately the amount of a substance placed therein.

To use my device, open a sack and place the gage within, with the small end resting on the bottom of the sack, then fill the shell with the material desired, up to the proper line of holes or graduations, for the amount required and grasp the sack and top flange, raising both together, which will allow the contents of the gage to pass through the bottom between the cross bars and be deposited in the sack when the gage can be removed.

Having thus described my invention what I claim as new is:

1. In a new article of manufacture, a combined sack spreader and gage comprising a hollow metal shell the top of which is provided with an outwardly projecting integral flange, said shell being smaller at its bottom than at the top, wedge shaped apertures arranged around said shell near the top thereof and circumferentially, said apertures adapted to receive and retain securely the corners of a sack or similar receptacle.

2. In a combined sack spreader and gage, the combination with a metal shell provided with an integral flange extending outwardly therefrom, sack holding means disposed near the top of said shell, graduations comprising circumferentially aligned circular apertures, and means in the bottom of said shell whereby said shell is braced and held rigid while in use.

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

JOSEPH OTTO BLUM.

Witnesses:

ELEANOR BLUM,
ELIZABETH NIESEN.

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