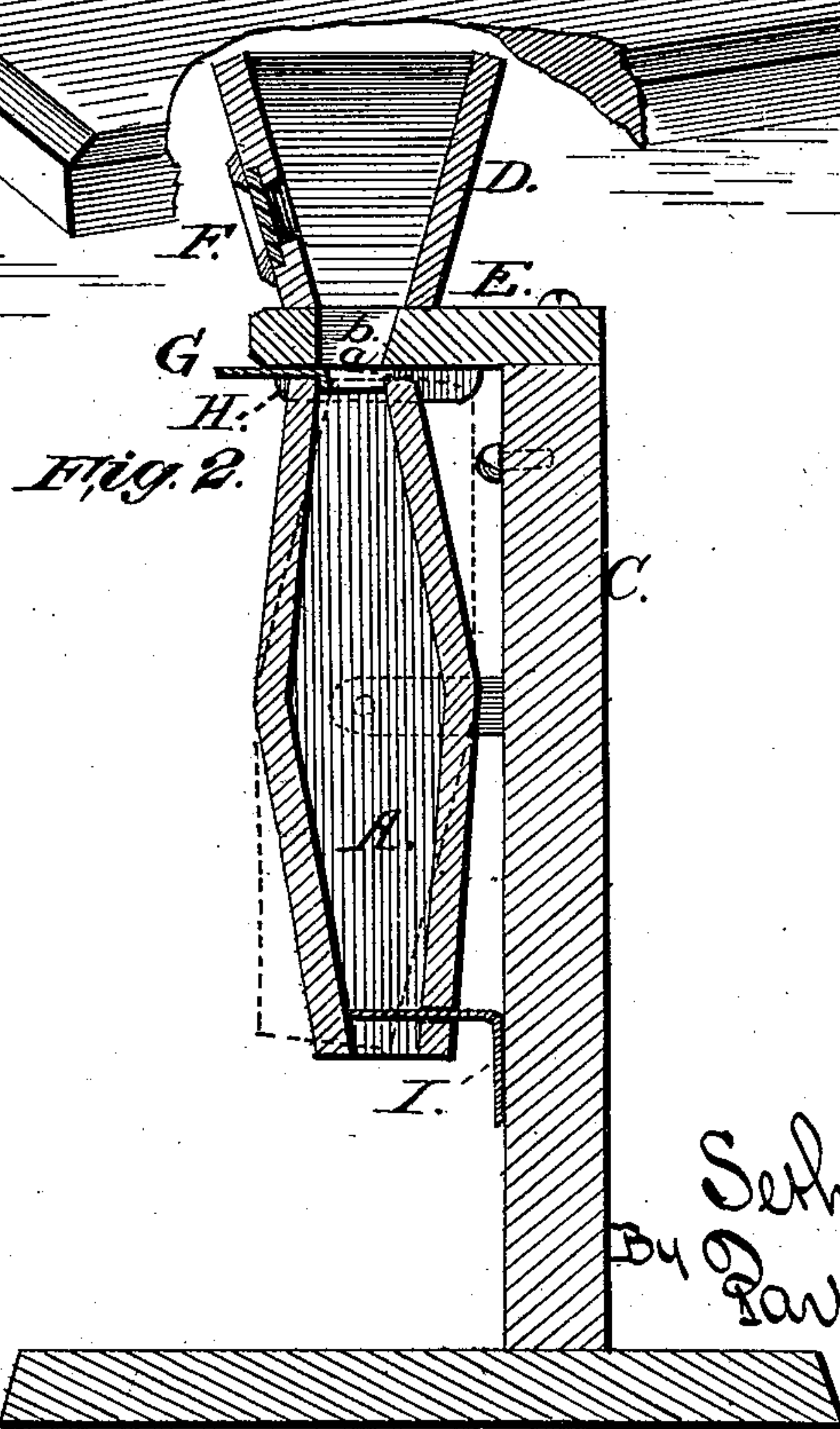
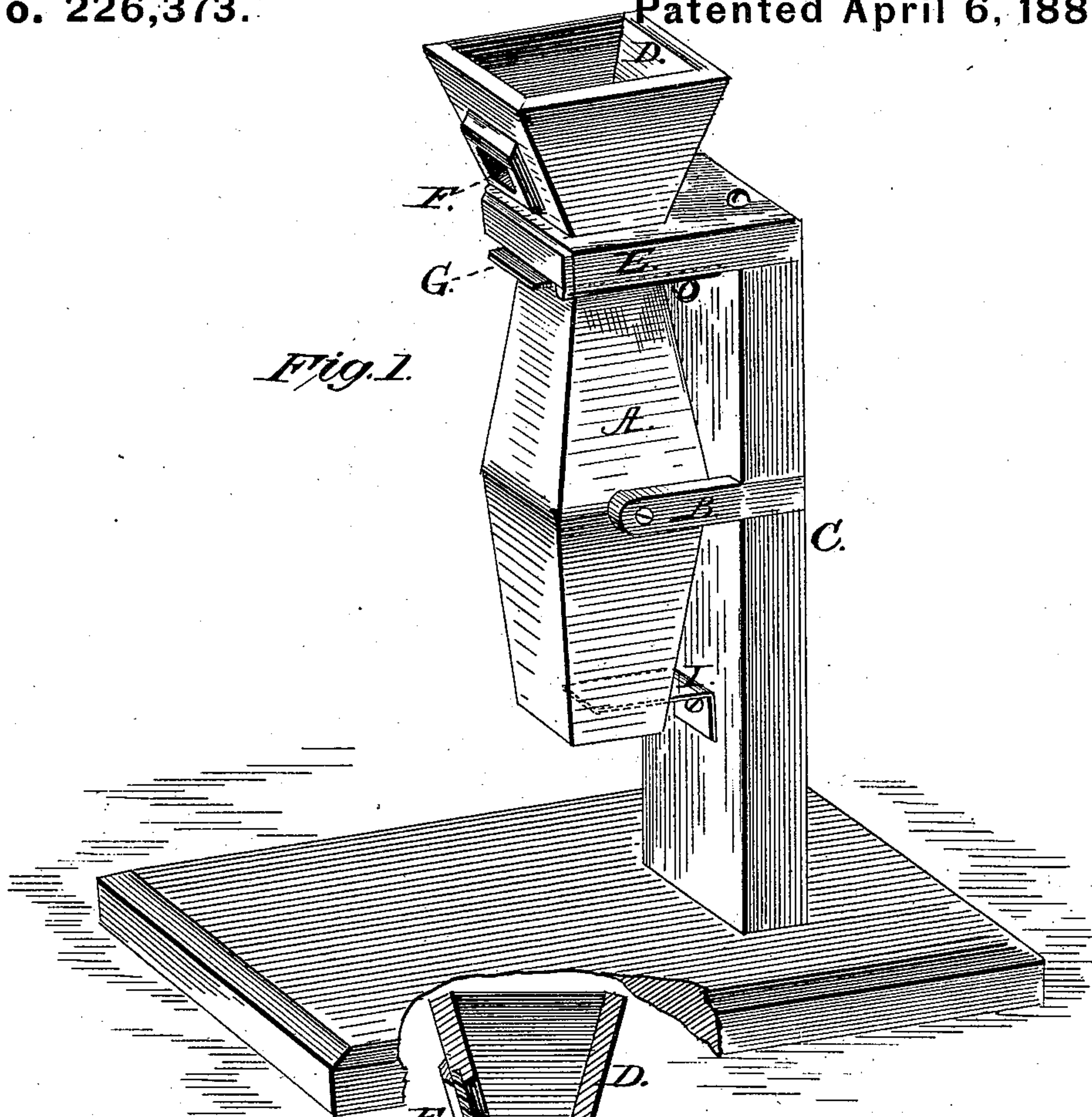


S. W. TURNER.  
Measuring Device for Sacking Grain.

No. 226,373.

Patented April 6, 1880.



Witnesses  
Fred G. Dittmer  
Reuben Perrin

Inventor  
Seth W. Turner,  
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att'y.



# UNITED STATES PATENT OFFICE.

SETH W. TURNER, OF NEW RICHMOND, WISCONSIN.

## MEASURING DEVICE FOR SACKING GRAIN.

SPECIFICATION forming part of Letters Patent No. 226,373, dated April 6, 1880.

Application filed December 13, 1879.

*To all whom it may concern:*

Be it known that I, SETH W. TURNER, of New Richmond, in the county of St. Croix and State of Wisconsin, have invented certain new and useful Improvements in Devices for Sacking Grain; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in devices for measuring and sacking grain; and it consists of an elongated upright grain-receiver tapering at each end and pivoted at the center in suitable bearings on an upright frame beneath the hopper which supplies the grain, said grain-receiver being provided at the top and bottom with a valve to alternately receive and discharge the grain, all as will be hereinafter more fully described, and pointed out in the claim.

Referring to the drawings, Figure 1 represents a perspective view of my invention, and Fig. 2 a vertical longitudinal section of the same.

Similar letters of reference occurring on the several figures indicate corresponding parts.

A represents the elongated grain-receiver, pivoted at its center to the projecting side pieces, B, on the upright frame or post C, said grain-receiver being enlarged at its center and tapering toward each end, as shown.

D represents the hopper, secured to the floor or cross-piece E on the top of the upright C, and which is provided with a glass panel, F, to show when the hopper is empty.

G represents a valve or slide attached to the top of the grain-receiver A, and which moves in grooved blocks or side pieces, H, on the bottom of cross-piece E, and is provided with a central opening, *a*, for the passage of the grain from the hopper to the grain-receiver when the opening *a* is in juxtaposition with the opening *b* in the bottom of the hopper and cross-piece E.

To the front of the upright C is attached a slide or valve, I, bent at right angles from the said upright C, the projecting part of which enters a slot in the side of the bottom of the grain-receiver A, as shown in Fig. 1.

The construction of my invention being as described, it will be observed that in the operation of the same, when the grain-receiver is in a true vertical line, the valve I closes the bottom of the same, and the opening *a* in the upper valve, G, being open, allows the grain to fill the grain-receiver, which may be of a size to suit any required number of bushels, but which is preferably made to accommodate the number of bushels required to fill an ordinary grain-sack, the mouth of which is placed over the tapering lower end of the grain-receiver A, which, being pulled forward, as shown in dotted lines in Fig. 2, closes the upper valve, G, shutting off the supply of grain, and opening the lower orifice and discharging the grain contained in the receiver A into the sack. Then by pushing back the receiver into a true vertical position the lower valve, I, closes the bottom and opens the valve G at the top, thus filling the receiver A again with the grain.

Having thus described my invention, what I claim as new and useful is—

The herein-described device for measuring and sacking grain, consisting of the elongated grain-receiver A, pivoted to the side bearings, B, and provided with upper valve, G, and lower valve, I, and having the hopper D, attached to the cross-piece E, the several parts being constructed, arranged, and combined to operate substantially as and for the purpose specified.

In testimony that I claim the foregoing as my own invention I affix my signature in presence of two witnesses.

SETH W. TURNER.

Witnesses:

S. W. HIX,  
F. T. REYNOLDS.