(No Model.)

W. N. BEARDSLEY & L. KELLER.

SHOT AND POWDER MEASURE.

No. 353,115. Patented Nov. 23, 1886.

Fig. 1.

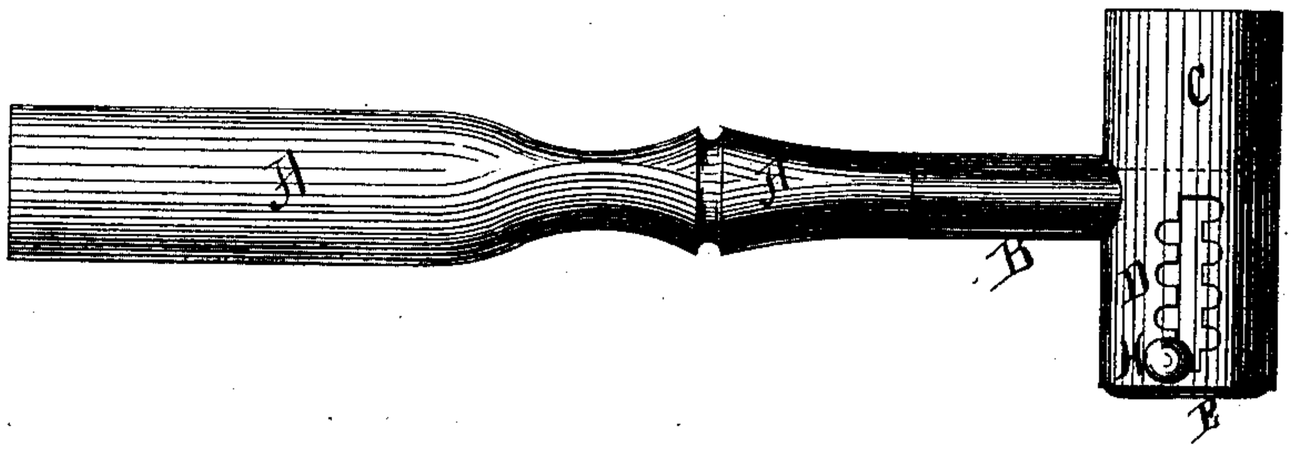
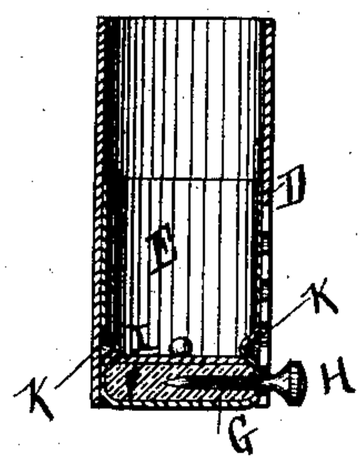


Fig. 2.

Fig. 3.



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SHOT AND POWDER MEASURE.

SPECIFICATION forming part of Letters Patent No. 353,115, dated November 23, 1886.

Application filed May 22, 1886. Serial No. 202,995. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM N. BEARDSLEY, a citizen of the United States, and a resident of Bridgeport, in the county of Fairfield and State of Connecticut, and LOUIS KELLER, a citizen of the United States, and resident of New York city, county and State of New York, have invented certain new and useful Improvements in Shot and Powder Measures, of which the following is a specification.

Our invention relates to an improvement in shot and powder measures used for loading cartridges; and it consists in an inexpensive method of constructing the measure and in so arranging the parts that when it is employed to its fullest capacity its length is not greater than when used at its smallest capacity.

In the accompanying drawings the same reference-letters indicate the same parts in all the figures.

Figure 1 illustrates a side plan view of the measure. Fig. 2 illustrates a longitudinal vertical section, the cup having been slid up one or two notches on the gage. Fig. 3 illustrates a vertical sectional view of the measure taken at right angles to the handle.

A is the handle. It is made of any suitable material, usually wood.

B is a socket rigidly attached to the external tube of the measure, which receives and holds the end of the handle.

C is the external tube of the measure. It is provided with a gage, D, consisting of a central slot through the external tube and notches in the sides thereof, as usual in such implements. It is open at top and bottom.

E is a cup-shaped part, which fits snugly within the external tube, C, but is of such size relative to it as to slide easily therein.

F is a small disk, of wood or other equivalent material, securely fastened in the bottom of the cup E, into which the shank G of a thumb piece or button, H, is driven, a hole being made through the wall of the cup E to allow it to pass. This shank also passes through the slot of the gage D and projects sufficiently beyond the side of the external tube, C, to allow the portion of the shank which is immediately under the button H to be moved into the notches of the gage, to adjust and hold the cup in its varying positions, as needful to increase or diminish the capacity of the measure, as usual in such structures. Thus the button H and its shank G perform two functions, that of a handle or thumb-piece to enable the cup to be readily moved longitudinally of the external tube and rotated therein, and also as a stop, which engages with the notches in the gage D to hold the cup in its desired place when its relation to the external tube has been determined.

I is a disk, of metal, which is placed on the top of the wooden disk F, and is held firmly in place by means of the friction of its edges against the inside of the cup E, or by slight prick-point indentations, (shown at K,) made in the walls of the cup from outside inwardly just above the metallic disk. It may, however, be fastened in any other suitable manner.

We prefer to use the wooden disk and the metallic disk on top thereof, because when thus constructed the device is cheap in manufacture and very durable; but the shank of the thumb-piece may be riveted or soldered or otherwise fastened to the cup E, if preferred, and the disk F may be used as a means to hold the shank of the thumb-piece without the metallic disk on top of it. In such case the prick-point indentations may be made in the walls of the cup into the edge of the disk F, or immediately above it, or it may be held in place in any other suitable manner.

We do not limit ourselves to the details of construction shown, since they may be somewhat departed from and still our invention be employed.

Having described our invention, we claim—

1. The combination, in a shot and powder measure, of an external tube, C, provided with a slotted gage, D, having laterally-extending notches, an inner movable cup, E, provided with a thumb-button, H, the shank whereof passes through the slot of the gage D and enters a disk of wood or like material placed in the bottom of the cup E, substantially as and for the purposes set forth.

2. The described improvement in the manufacture of shot and powder measures, consisting in an external measure-tube, C, provided with a slotted gage, D, the inner cup, E, provided with a disk of wood or like material placed in the bottom thereof, and a thumb-button operated from the outside of the measure, attached to the inner cup by means of a shank or tang driven into the said disk, substantially as and for the purposes set forth.

Signed at Bridgeport, in the county of Fairfield and State of Connecticut, this 31st day of March, A. D. 1886.

WM. N. BEARDSLEY.
LOUIS KELLER.

Witnesses as to signature of Wm. N. Beardsley:

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