

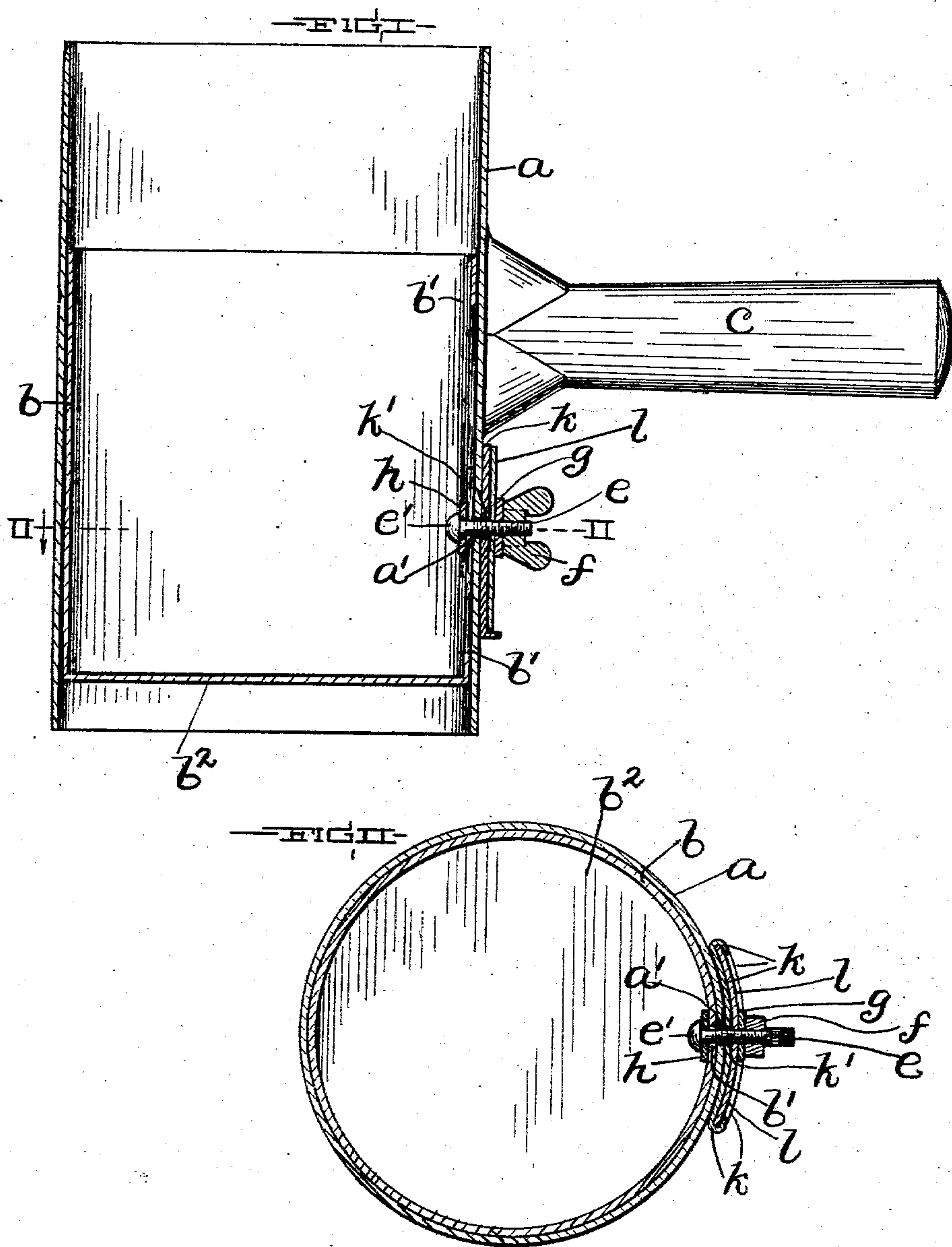
No. 704,931.

Patented July 15, 1902.

L. M. REED.  
MEASURING SCOOP.

(Application filed Apr. 7, 1902.)

(No Model.)



WITNESSES:

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# UNITED STATES PATENT OFFICE.

LEMON M. REED, OF CLEVELAND, OHIO.

## MEASURING-SCOOP.

SPECIFICATION forming part of Letters Patent No. 704,931, dated July 15, 1902.

Application filed April 7, 1902. Serial No. 101,753. (No model.)

*To all whom it may concern:*

Be it known that I, LEMON M. REED, a citizen of the United States of America, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Measuring-Scoops; and I hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

My invention relates to an improved measuring-scoop consisting of two telescoping sections and means for securing the said sections in the required relative adjustment.

The object of this invention is to provide a measuring-scoop adapted for use as a dry measure, simple and durable in construction and readily adjusted to measure accurately.

With this object in view and to the end of realizing other advantages hereinafter appearing my invention consists in certain features of construction and combinations of parts hereinafter described, and pointed out in the claim.

In the accompanying drawings, Figure I is a side elevation, in central vertical section, of a measuring-scoop embodying my invention. Fig. II is a transverse section on line II II, Fig. I, looking toward the bottom or closed end of the chamber of the scoop.

Referring to the drawings, *a* designates a cylindrical tubular section open at the ends, and *b* a correspondingly cylindrical cup-shaped section which snugly fits within and is adapted to be moved endwise of the section *a*. The section *b* has a bottom or head *b*<sup>2</sup> at one end, which head or bottom forms the bottom or closed end of the merchandise-receiving chamber of the scoop.

The section *a* is provided externally and just above a point centrally between the ends of the said section with a laterally-projecting handle *c*.

The inner section *b* is provided at the handle-bearing side of the section *a* with a lateral slot *b'*, which extends longitudinally of the said section *b* between and into close proximity to opposite ends of the said section *b*, and the outer section *a* is provided, preferably, a short distance below its handle *c* with a lateral perforation *a'*, which registers with the aforesaid slot *b'* and accommodates the ap-

plication of a screw *e*, which extends through the said perforation *a'* and through the said slot *b'* and is arranged with its head *e'* adapted to bear against the interior surface of the section *b*. A nut *f* is mounted upon the shank of the screw *e* externally of the section *a* and is adapted to bear against the external surface of the said section *a*.

A washer *g* is interposed between the inner end of the nut *f* and the external surface of the section *a*, and another washer *h* is interposed between the head of the screw *e* and the interior surface of the section *b*.

By the construction hereinbefore described it will be observed that the inner section *b* upon loosening the nut *f* is rendered free to be shifted or adjusted endwise of the outer section *a* and is secured in the desired adjustment upon tightening the said nut and that the capacity of the merchandise-receiving chamber of the scoop is enlarged or decreased, according as the inner section is shifted in the one or the other direction.

My improved measuring-scoop will be found more especially useful in groceries for taking and measuring dry merchandise—such, for instance, as coffee, beans, small crackers, and the like—from bags, bins, caddies, and other receptacles.

It is well known that coffee, beans, and the like in different bags or receptacles seldom weigh alike, and obviously, therefore, upon providing any merchandise-containing bin, caddy, bag, or receptacle with my improved measuring-scoop the inner section of the scoop is adjusted as required to make the scoop accurately measure the said merchandise. For instance, if the scoop is to be used as a pound-measure and the capacity of the merchandise-receiving chamber of the scoop is found upon taking the first scoopful from any given merchandise to measure somewhat less than a pound the inner section is adjusted as required to lengthen the said chamber enough to make the said scoop accurately measure one pound of the said merchandise. I would remark also that the location of the cooperating screw *e* and nut *f* below the handle *c* is not unimportant, because there the said cooperating members are least in the way and the provision of the nut externally of the scoop accommodates the adjustment of the



sections of the scoop relative to each other when the scoop has already been filled or partially filled with merchandise. Another and not unimportant feature consists in providing the scoop externally with a pocket or holder *k* for receiving a card *l*, upon which may be marked the name and the price of the goods to be measured and conveyed by the scoop. The pocket or holder *k* is removably secured to the scoop by the screw *e*, being perforated laterally, as at *k'*, to accommodate the location and operation of the said screw and extending a suitable distance circumferentially of and conforming to the outer section of the scoop. The card *l* is also perforated laterally, as required, to accommodate the location and operation of the screw *e*. The pocket or holder *k* and its card *l* are obviously interposed between the washer *g* and the external surface of the outer section *a* of the scoop. It will be observed, therefore, that no additional fastening devices are required to secure the card-holder to the scoop.

What I claim is—

25 A measuring-scoop comprising two telescopic sections and having the following: a

bottom-forming head at one end and forming a part of one of the said sections; a slot formed in and longitudinally of one of the said sections and a perforation formed in the other section in registry with the said slot; a screw extending through the said slot and through the aforesaid perforation and arranged with its head interiorly of the inner section; a washer mounted upon the shank of the screw at the inner end of the nut externally of the outer section; a card-holder mounted upon the said screw between the said washer and the external surface of the outer section, and another washer interposed between the head of the screw and the interior surface of the inner section, substantially as and for the purpose set forth.

In testimony whereof I sign the foregoing specification, in the presence of two witnesses, this 31st day of March, 1902, at Cleveland, Ohio.

LEMON M. REED.

Witnesses:

C. H. DORER,

TELSA SCHWARTZ.