

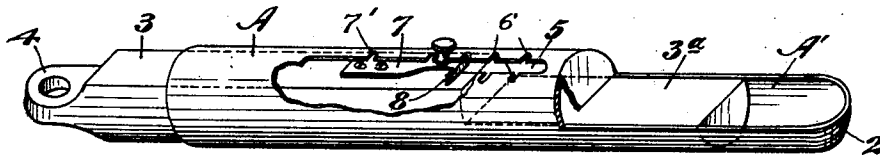
No. 808,967.

PATENTED JAN. 2, 1906.

W. H. ARROWSMITH.

MEASURING SPOON.

APPLICATION FILED MAY 10, 1905.



Witnesses,
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UNITED STATES PATENT OFFICE.

WILLIAM H. ARROWSMITH, OF OAKLAND, CALIFORNIA.

MEASURING-SPOON.

No. 808,967.

Specification of Letters Patent.

Patented Jan. 2, 1906.

Application filed May 10, 1905. Serial No. 259,771.

To all whom it may concern:

Be it known that I, WILLIAM H. ARROWSMITH, a citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented new and useful Improvements in Measuring-Spoons, of which the following is a specification.

My invention relates to a device for conveniently measuring materials, and especially such materials as are used in pulverized or powdered form.

It consists in the combination and arrangement of parts and details of construction which will be more fully explained by reference to the accompanying drawing, in which the figure is a perspective view of my spoon with casing partly broken away.

In the measurement of small quantities of substances which are used in cooking and for other purposes where it is desirable to have approximately exact proportions of such substances it is customary in recipes to state that the quantity to be used is any part of a tea or table spoonful. Spoons vary greatly in size, and it is not easy to determine whether the quantity selected is exactly a quarter, half, or other proportion of the spoonful on account of the peculiar shape of the spoon.

It is the object of my invention to provide a measuring device which is adjustable and will be sufficiently accurate for the required uses.

As shown in the drawing, A is the exterior portion of my device, one portion of which may be conveniently cylindrical in shape, and the second portion, as at A', is cut horizontally in half, the lower half forming a receptacle. The front end of this portion of the device is preferably curved, as shown at 2, and is thus made in the shape of a spoon, so that it is convenient for dipping up the substances which are to be measured.

3 is a cylindrical block which is slidable into the cylindrical portion of the tube A, and the front half of the block is cut away, as shown at 3^a, so that its upper surface is substantially flush and level with the upper edges of A'. This portion of the device has a handle of any suitable description. It may be conveniently made in the form of a ring, as shown at 4, so as to be readily hung up when out of use.

Upon the top of the part A is an open slot or channel 5, and upon each side of this slot or channel are formed notches, as at 6.

7 is a spring-latch fixed upon the part 3 and slidable in the slot 5. This latch has engaging lugs, as shown at 8, which are designed to engage with the notches 6. These notches are spaced, so that the part 3 3^a may be slid backward and forward in the casing A A', and when the plug has been advanced to the greatest distance the portion at the front part of A' which is left open and exposed will be sufficiently large to receive the smallest quantity which it may be desired to measure—as, for instance, the quarter of a tea-spoonful. If it is desired to use the larger quantity, then it is only necessary to release the latch 7 and slip the plug back to the next or any other succeeding notch and the spoon or dipper will be enlarged correspondingly. Thus any portion from a quarter to a tea-spoonful up to a table-spoonful may be taken up by the spoon and the surface leveled off to correspond with the upper edges of the part 3^a. The measurement will be sufficiently accurate for all ordinary purposes.

The movable part 7 carries an index or pointer 7', which latter may operate over any suitable and well-known scale (not shown) to accurately show the amount of material used.

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

1. A measuring device, consisting of a tubular case having an extension approximately equal to half the circumference of the tube and a front closed end to said extension, a plug slidable in the tube or extension to limit the containing portion thereof, and a latch by which the plug is locked in position.

2. In a measuring device, a tube having an extension cut down to approximately half the diameter of the tube, said extension having a hemispherical closed end, a plug slidable in the tube and having an extension cut down to correspond with the shape of the tube extension, a slot in the tube having transverse notches, and a spring-latch carried by the plug and adapted to engage with the notches of the tube.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

WILLIAM H. ARROWSMITH.

Witnesses:

FRANKLIN HAWES,
G. EDSON PORTER.