

G. W. R. CULBERTSON.
POWDER CONTAINER AND MEASURING CAN.
APPLICATION FILED APR. 20, 1908.

915,560.

Patented Mar. 16, 1909.

FIG. 1.

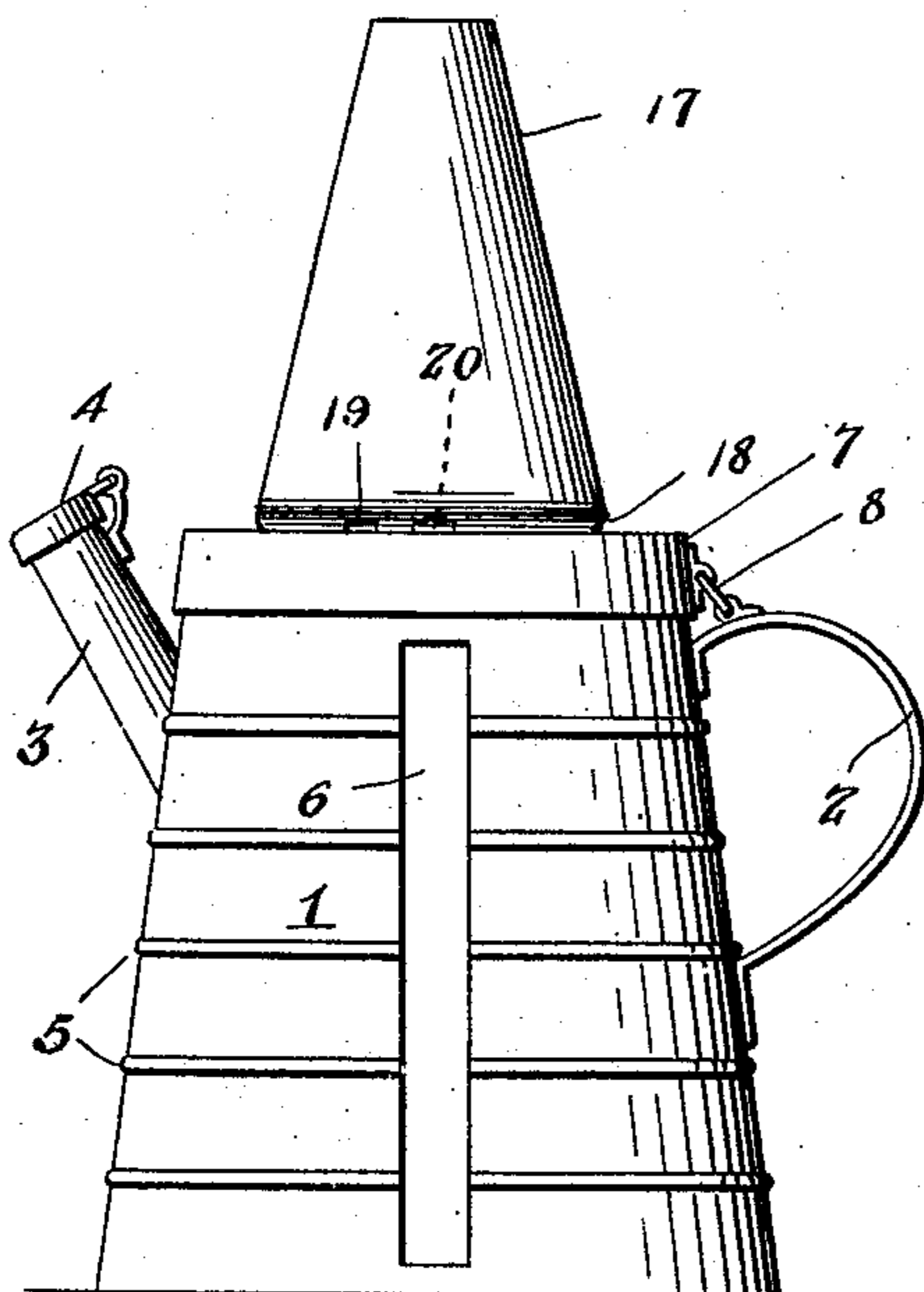


FIG. 2.

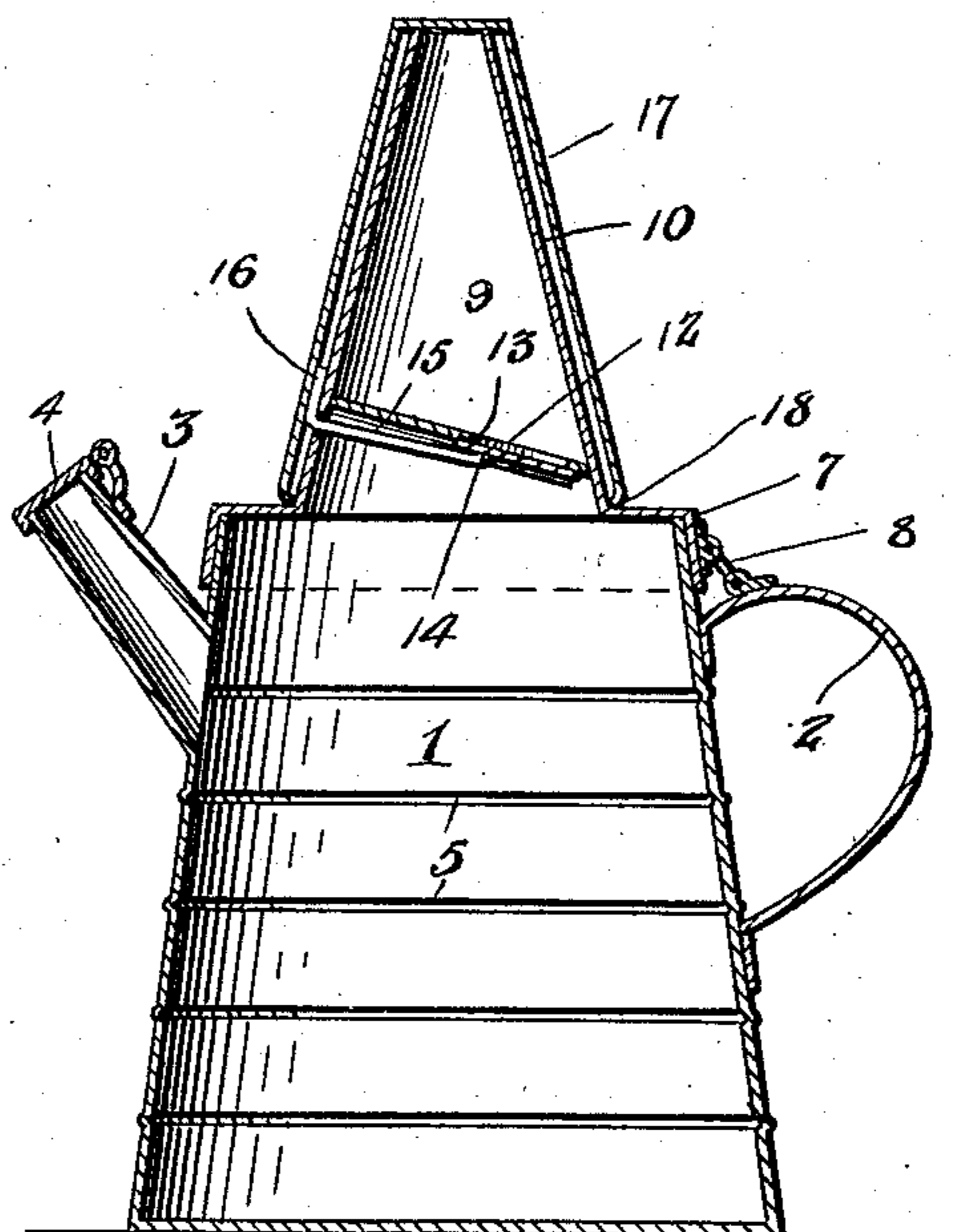
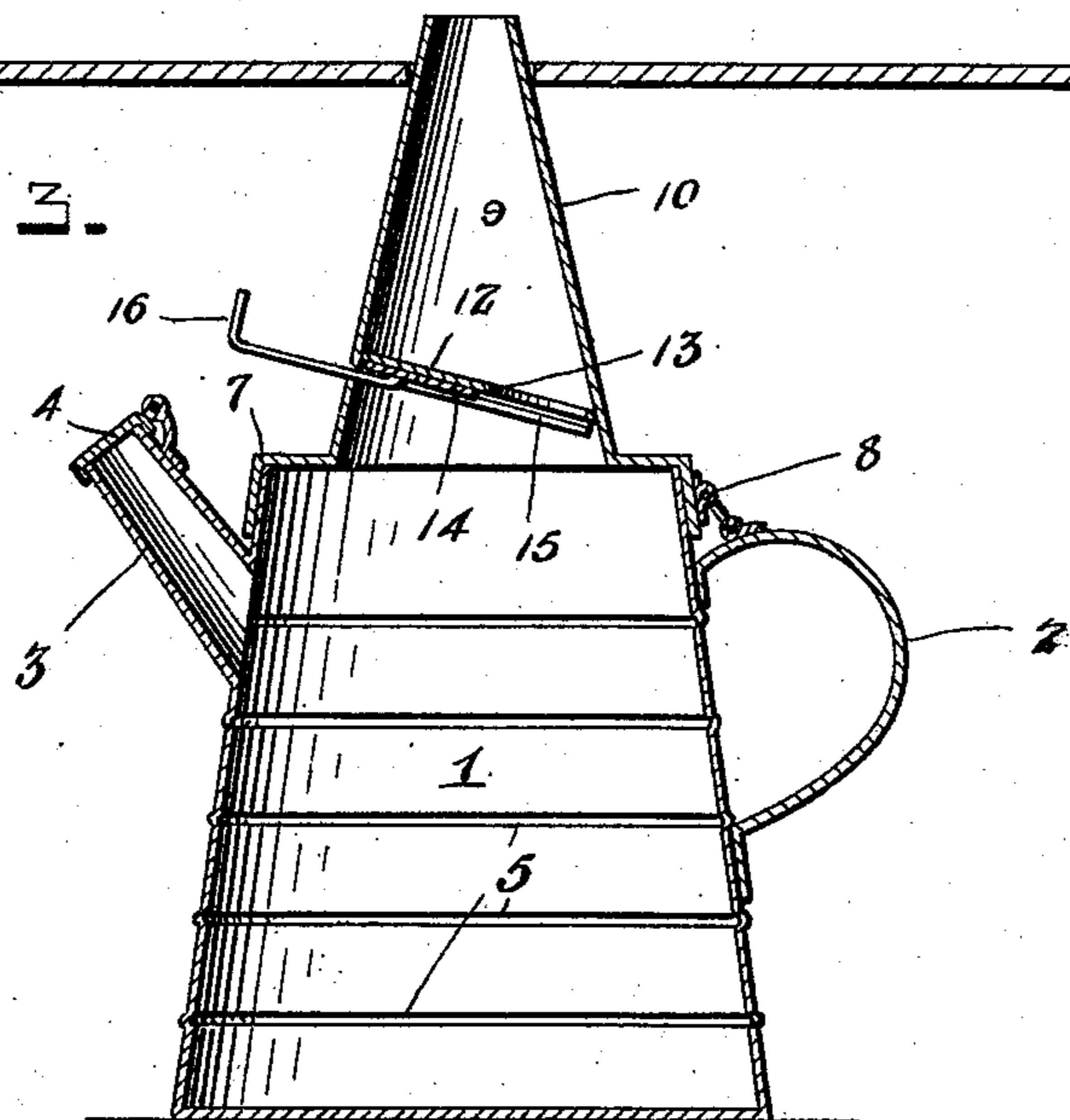


FIG. 3.



Witnesses

Chas. L. Griesbauer.
C. H. Griesbauer.

Inventor
G. W. R. Culbertson.

By *H. B. Wilson & Co.*

Attorneys

UNITED STATES PATENT OFFICE.

GEORGE W. R. CULBERTSON, OF LITTLES, INDIANA, ASSIGNOR OF ONE-HALF TO
OLENT WELTON, OF WINSLOW, INDIANA.

POWDER-CONTAINER AND MEASURING-CAN.

No. 915,560.

Specification of Letters Patent.

Patented March 16, 1909.

Application filed April 20, 1908. Serial No. 428,124.

To all whom it may concern:

Be it known that I, GEORGE W. R. CULBERTSON, a citizen of the United States, residing at Littles, in the county of Pike and State of Indiana, have invented certain new and useful Improvements in Powder-Containers and Measuring-Cans; and I do 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 appertains to make and use the same.

This invention relates to improvements in devices for holding and measuring gun powder.

The object of the invention is to provide a container of this character by means of which powder may be safely kept and from which it may be measured out in small quantities, means being provided whereby the container may be quickly and easily filled from a keg without exposure of the powder.

With this and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts as will be described and particularly pointed out in the appended claims.

In the accompanying drawing, Figure 1 is a side view of a can constructed in accordance with the invention, and showing the same arranged for use; Fig. 2 is a vertical sectional view of the same; and Fig. 3 is a similar view showing the manner in which the can or container is filled from a keg.

In the embodiment of the invention I provide a can or container which is here shown and preferably tapers from its lower toward its upper end. The can is provided on one side with a suitable handle, 2, and on its opposite side near its upper end with an inclined discharge spout, 3, which is adapted to be normally closed by a hinged cap, 4, which opens automatically when the can is tilted forwardly and which drops back into place to close the spout when the can is again brought to a normal position. The can is preferably provided with a series of spaced annular ribs, 5, which are struck out from the metal forming the can and are gaged at suitable distances apart so that the space between each of the ribs will contain one pound of powder. While the ribs are shown and described as arranged for indicating pounds, it is obvious that the same may be arranged to indicate any quantity. In one side of the can is formed a slot which extends from the

bottom to the top of the can and has secured therein a sight-glass, 6, whereby the amount of powder in the can may be readily determined.

Adapted to be placed on the upper end of the can is a cap or cover, 7, said cover being preferably hinged at one side to the upper portion of the handle by a pivoted bail, 8. In the cover is formed a centrally disposed filling aperture, 9, around which is secured the lower end of an upwardly projecting tapered or cone-shaped filling tube, 10, in which, adjacent to its lower end, is arranged a horizontal partition or diaphragm, 12.

In the partition 12 is formed a passage, 13, adapted to be opened and closed by a sliding plate or valve, 14, which operates in guide cleats, 15, secured to the underside of the partition, 12. The valve plate 14 has connected thereto an operating stem, 16, which projects through an opening in one side of the filling tube, said projecting end of the stem being bent upwardly to form a handle by means of which the valve or plate 14 is operated to open or close the passage 13. The filling tube, 10, is adapted to be closed by a conically shaped cap, 17, which fits down over the filling tube, as shown. The lower end of the cap, 17, is provided with an inwardly projecting retaining flange, 18, in which at diametrically opposite points are formed notches, 19, by means of which the flange is connected with suitable locking lugs 20 arranged on the opposite sides of the filling tube adjacent to its lower end. When the notches, 19, have been engaged with the locking lug, the cap, 17, is given a slight turn in either direction, thus causing the flange, 18, to engage beneath the lug, 20, and thereby firmly lock the cap in place on the filling tube. When the caps 4 and 17 are in closed position, powder in the can will be covered and protected, thus lessening the danger of the same becoming in any manner ignited.

When it is desired to fill the can or container from a keg, the cap, 17, is removed and the valve plate shifted to open the passage 13, after which the conical filling tube is inserted in the discharge hole in the keg, after which the keg is turned up on the can and the powder allowed to run through the filling tube and the passage, 13, therein until the can has been filled, after which the passage, 13, is closed by the valve plate. The powder keg is then righted or

turned down to a normal position with the filling tube and can still inserted in the hole therein, thus permitting any powder which may have remained in the filling tube to run
 5 back into the keg. The can or container is now removed from the keg, and the cap, 17, placed in position and secured on the filling tube. The container is now ready for use in measuring out small quantities of powder,
 10 which are poured therefrom through the discharge spout, 3. The can may be employed for pouring powder onto a scale or into other measuring devices, or may itself be employed as a measuring device by observing the quan-
 15 tity of powder removed therefrom through the sight-glass in the side thereof.

A container of this character will be found to be well adapted for containing powder which is to be measured in small quantities,
 20 the can being filled without exposing the powder, and the latter after being placed in the can is protected.

From the foregoing description, taken in connection with the accompanying drawing,
 25 the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be
 30 resorted to without departing from the principle or sacrificing any of the advantages of the invention as defined in the appended claims.

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

1. In a gun powder container, a body portion, a discharge spout on one side thereof, a handle secured thereto, a cover engaged with
 40 the upper open end of said body portion, a tapered filling tube secured to said cover, a valve to open and close said filling tube, a closing cap for said tube, and means to lock said closing cap in engagement with the
 45 tube, substantially as described.

2. In a gun powder container, a tapered body portion, a discharge spout, a cap to normally close said spout, a cover having a filling opening, a tapered filling tube, an apertured partition in said tube, a valve to open
 50 and close the aperture in said partition, a conically shaped closing cap to engage said tube, and means to lock said cap on said tube, substantially as described.

3. In a powder container and dispensing
 55 can, a tapered body portion, a sight-glass arranged in one side thereof, a discharge tube, a handle connected to said body portion, a cap to normally close said tube, a cover hinged to said handle to close the upper end
 60 of the container, said cover having therein a filling opening, a tapered filling tube over said opening, an apertured partition in said tube, a valve plate to open and close said aperture, and a closing cap detachably engaged with
 65 said tube, substantially as described.

4. In a powder container, a discharge spout, a cap to normally close said spout, a cover detachably engaged with the upper end
 70 of said container, said cover having formed therein a filling opening, a tapered filling tube to close said opening, an apertured partition in said tube, a sliding valve plate to open and close said aperture, an operating
 75 stem connected to said valve and extending through one side of said filling tube, a closing cap adapted to be engaged with said tube, locking lugs formed on the latter, and a locking
 80 flange formed on the lower edge of said cap, said flange having formed therein oppositely disposed notches whereby the same is engaged with said locking lugs, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing wit-
 85 nesses.

GEORGE W. R. CULBERTSON.

Witnesses:

JESSIE LOVELESS,
 GEORGE ALSTATT.