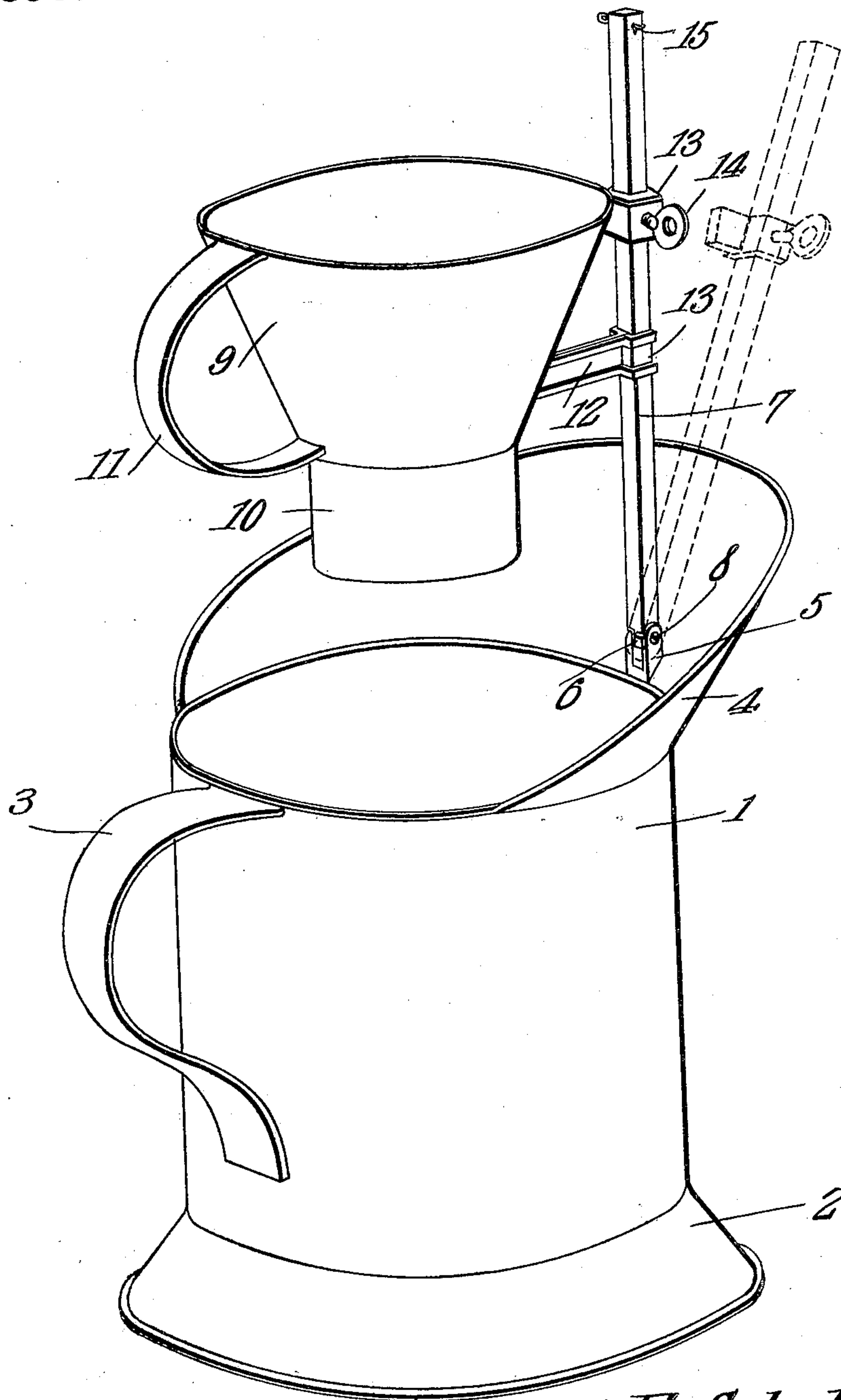


E. E. SCHULTZ.
CAN FILLER.
APPLICATION FILED JAN. 27, 1909.

Patented May 18, 1909.

921,898.



Inventor

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Witnesses

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UNITED STATES PATENT OFFICE.

EDWARD E. SCHULTZ, OF CHENOA, ILLINOIS.

CAN-FILLER.

No. 921,898.

Specification of Letters Patent.

Patented May 18, 1909.

Application filed January 27, 1909. Serial No. 474,530.

To all whom it may concern:

Be it known that I, EDWARD E. SCHULTZ, a citizen of the United States, residing at Chenoa, in the county of McLean and State of Illinois, have invented a new and useful Can-Filler, of which the following is a specification.

The objects of the invention are, generally, the provision, in a merchantable form, of a device of the above mentioned class which shall be inexpensive to manufacture, facile in operation and devoid of complicated parts; specifically, the provision of a device of the class above specified provided with a funnel so mounted as to be adjustable for cans of different sizes and to be movable into a convenient, out-of-the-way position when the operation of can-filling has been completed, the said funnel being so positioned and so mounted that its contents may always be discharged within the periphery of the receptacle; other and further objects being made manifest hereinafter as the description of the invention progresses.

The invention consists in the novel construction and arrangement of parts hereinafter described, delineated in the accompanying drawing and particularly pointed out in that portion of this instrument wherein patentable novelty is claimed for certain specific and distinctive features of the device, it being understood that within the scope of what is hereinafter claimed divers changes in the form, proportions, size and minor details of the structure may be made without departing from the spirit or sacrificing any of the advantages of the invention.

Similar numerals of reference are employed to denote corresponding parts throughout the accompanying drawing, wherein my invention is shown in perspective.

In carrying out my invention, I provide, primarily, a receptacle 1, which may be of any form. Preferably, however, as shown, it is cylindrical in cross section and provided with a broadened flaring base 2. A suitable handle 3 is mounted upon the receptacle 1, and it is further provided with a protruding lip 4 outstanding from its periphery. The receptacle 1 is provided with a socket 5, preferably mounted upon the lip 4, near the line of union between the said lip 4 and the receptacle proper 1. A standard 7 is provided, having its lower terminal pivotally connected with the socket 5 by means of a

transversely disposed bolt 8, the said socket 5 being provided with a stop 6 arranged to project to the front of the standard 7 and positioned to maintain said standard 7 in an upright position.

The funnel 9 is provided with a handle 11 and with a mouth 10, preferably having straight sides, as shown. Projecting from the funnel 9 are a pair of arms spaced apart, one of said arms, the lower one, being denoted by the numeral 12, the upper arm being shown in dotted lines in that portion of the drawing wherein the standard 7 is shown as tilted backward to contact with the lip 4. Each of these arms is provided with an eye 13, the said eyes being alined and arranged to receive the standard 7, whereby the funnel may be slidably mounted upon the said standard. One of these eyes 13, preferably the upper one, is provided with a set screw 14, whereby the funnel may be clamped to the standard, and, if desired, a cotter-pin 15, or like device, may be mounted transversely in the upper terminal of the standard 7, whereby the upward movement of the funnel thereon may be limited.

In practical operation, the standard 7 is tilted backward to contact with the protruding lip 4, as shown in dotted line in the figure. The can is then inserted into the receptacle 1 and the standard 7 is tilted forward, to bring the mouth 10 of the funnel above the top of the can. The stop 6 will engage the standard 7 and maintain the same in an upright position, whereupon material may be poured into the funnel 7 and discharged into the can disposed in the receptacle 1 beneath it. By loosening the set screw 14, the position of the funnel upon the standard may be adjusted to cans of different heights, and, if desired, in order to lower the mouth 10 of the funnel into the mouth of the can. When the filling operation has been completed, the standard and the funnel which is assembled therewith are tilted into the position shown in dotted lines in the figure, whereupon the can may be removed from the receptacle 1. When the funnel is thus tilted backward any material which may still adhere to its interior will be discharged upon the protruding lip 4 and find its way downward into the receptacle 1.

It will be seen that the device presents, in a simple and inexpensive form, a means whereby cans of different heights may be

filled, and it will be further seen that in the filling process the funnel is at no time in a position in which it can discharge its contents without the periphery of the receptacle 1.

Having thus described the invention, what I claim as new, and desire to protect, by Letters Patent, is:—

1. A device of the class described comprising a receptacle, and a tiltable standard mounted on the receptacle; a funnel slidably mounted upon the standard; the receptacle being arranged to receive the standard in inclined position; the funnel, when the standard is in inclined position, being eccentrically disposed with respect to the receptacle, and positioned to discharge thereinto.

2. A device of the class described comprising a receptacle having a protruding lip; a funnel pivoted to the receptacle and being positioned to discharge within the receptacle and upon the lip in successive positions of the funnel.

3. A device of the class described comprising a receptacle; a standard pivoted to the receptacle; and a funnel slidably mounted upon the standard and being positioned to discharge within the receptacle.

4. A device of the class described com-

prising a receptacle having a protruding lip; a standard pivoted to the receptacle and being tiltable into contact with the lip; and a funnel mounted upon the standard and being positioned to discharge within the receptacle and upon the lip in successive positions of the standard.

5. A device of the class described comprising a receptacle; a standard pivoted to the receptacle; a funnel having arms spaced apart and terminally apertured to receive the standard; and means mounted in one of the said arms for clamping the funnel to the standard.

6. A device of the class described comprising a receptacle; a socket mounted upon the receptacle and a standard pivoted in the socket and being tiltable into contact with the wall of the receptacle, the socket having a stop to maintain the standard in an upright position; and a funnel mounted upon the standard and being positioned to discharge into the receptacle.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

EDWARD E. SCHULTZ.

Witnesses:

V. L. NICKEL,

MINA F. McCOLLISTER.