

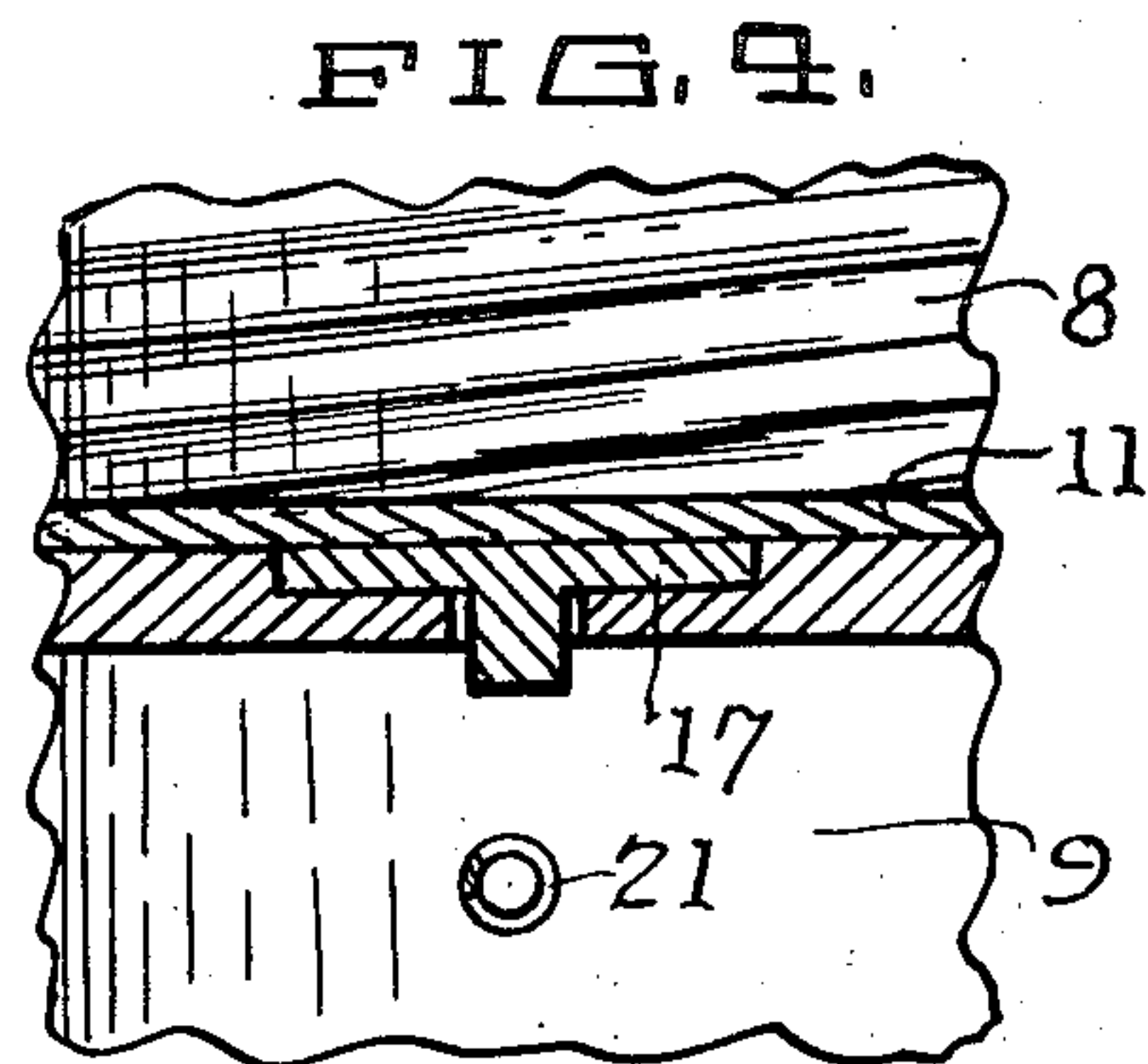
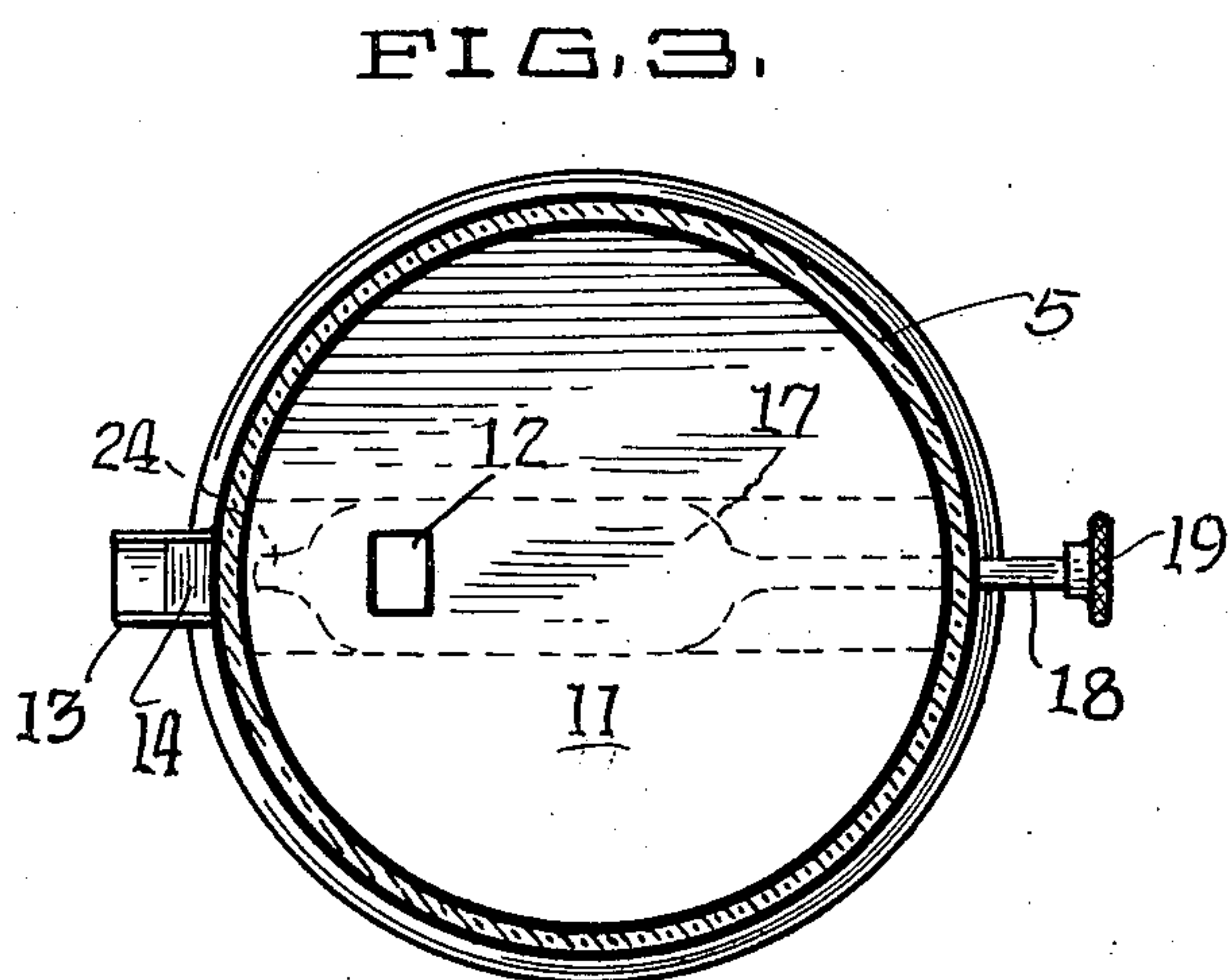
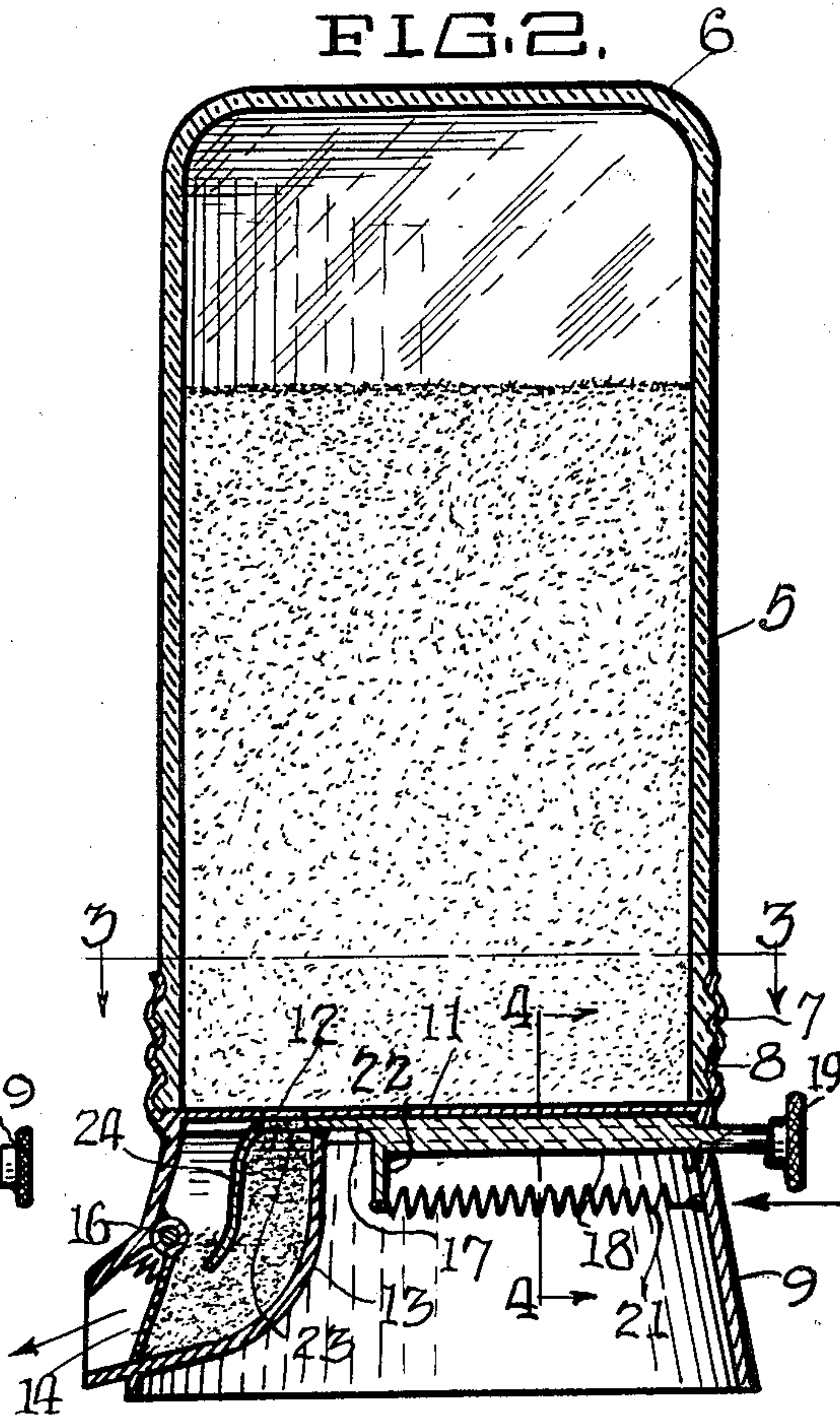
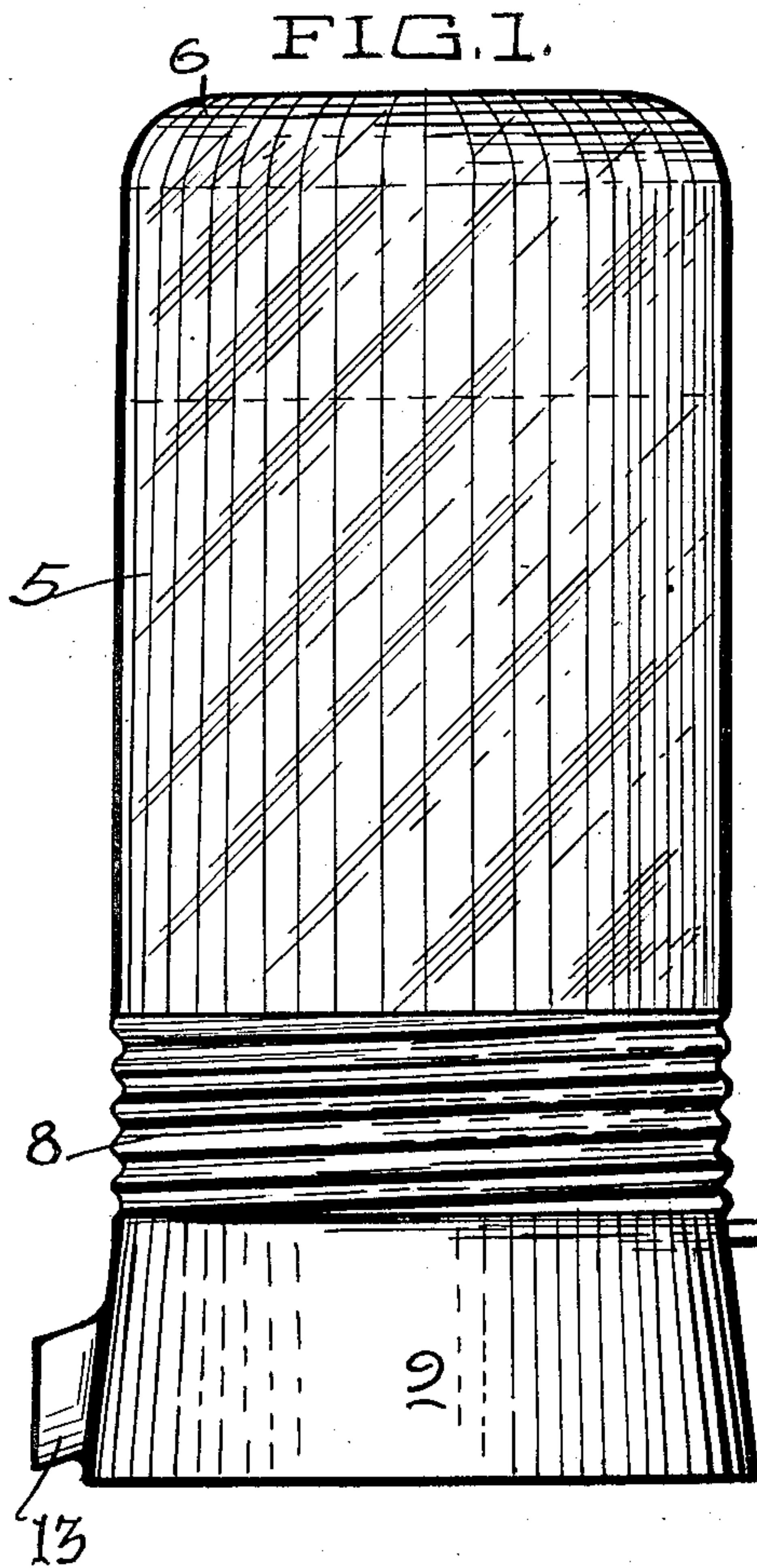
Aug. 20, 1935.

F. T. TANNER

2,012,168

DISPENSER

Filed March 6, 1935



INVENTOR.  
**FRANK T. TANNER.**  
BY *Victor J. Evans & Co.*  
ATTORNEYS.



## UNITED STATES PATENT OFFICE

2,012,168

## DISPENSER

Frank T. Tanner, San Bruno, Calif.

Application March 6, 1935, Serial No. 9,644

1 Claim. (Cl. 221—110)

This invention relates to improvements in dispensing devices and has particular reference to a sugar dispenser.

A further object is to provide a device wherein a measured amount of sugar may be dispensed at each actuation, and a device that will serve to sprinkle sugar for any desired culinary purpose.

Another object is to produce a device which will be sanitary.

An additional object is to produce a device which will seal the sugar against the outside atmosphere, thus preventing caking.

A still further object is to produce a device which is neat in appearance, and one which is economical to manufacture.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawing forming a part of this specification and in which like numerals are employed to designate like parts throughout the same,

Fig. 1 is a side elevation of my dispenser,

Fig. 2 is a vertical cross section of my device,

Fig. 3 is a horizontal cross section on the line 3—3 of Fig. 2, and

Fig. 4 is an enlarged detail cross section on the line 4—4 of Fig. 2.

Sugar is usually dispensed, particularly in restaurants, from either an open bowl or a container having a spout, which permits the sugar to pour therefrom when the container is inverted. My invention consists of a container which dispenses only a given quantity at each actuation, thus enabling the person using the dispenser to measure accurately the amount of sugar being used.

In the accompanying drawing wherein for the purpose of illustration is shown a preferred embodiment of my invention, the numeral 5 designates a container preferably of glass and having a closed top 6. It might be said that this container resembles an up-side-down jar having a threaded bottom 7 capable of engaging a threaded member 8. This threaded member is formed integral with a base 9 having a division wall 11 provided with an opening 12 therethrough. A spout 13 underlies the opening 12 and has pivoted therein a spring pressed valve or flapper 14, the spring being shown at 16. Positioned beneath the partition 11 is a slider 17 operated by a push rod 18 and a thumb piece 19. A spring 21 secured to the base 9 and to an arm 22 of the slider 17, serves to normally hold the slider in the position of Fig. 2.

A slot 23 formed in the slider is adapted to register with the slot 12 when the parts are in the position of Fig. 2. A tongue 24 formed upon the slider extends into the spout 13 and has its lower extremity at a point below the pivot of the flapper 14. The result is that when the container is full of sugar as shown in Fig. 2, the sugar will flow into the spout and be confined back of the flapper 14. When the thumb piece 19 is pushed against the tension of the spring 21, the opening 23 will move out of registration with the opening 12, thus cutting off the supply of sugar and the tongue 24 will engage the flapper 14 at a point below the pivot thereof, thus moving the flapper against the tension of the spring 16 and allowing the sugar contained in the spout to be dispensed. As soon as the parts are returned to normal position more sugar will flow into the spout and spaced back of the flapper.

If it is desired to use the device as a sprinkler for sugar it is only necessary to slightly tip the container and a small amount of sugar can be sprinkled through the spout, when the flapper 14 moves on its pivot.

It will thus be seen that I have produced a device which will accomplish the objects above set forth.

It is to be understood that the form of my invention herewith shown and described is to be taken as a preferred example of the same and that various changes relative to the material, size, shape and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claim.

Having thus described my invention, I claim:—

In a dispenser of the character described, an inverted receptacle, a base secured to said receptacle and having a walled partition extending across the open end of said receptacle, a port formed in said wall, a spout positioned beneath said port, a slider positioned beneath said wall and having an opening therethrough in registration with said port in said wall, spring means for normally maintaining said openings in registration with each other, a spring-pressed flapper secured in said spout and normally closing egress from said spout, and a prong secured to said slider and having its lower extremity contacting said flapper whereby said flapper will be moved about its pivot against the action of said spring to permit egress of material from said spout.

FRANK T. TANNER.