

(No Model.)

S. B. ESTABROOK & J. P. ASHEY.  
MEASURING CAN OR CANISTER.

No. 407,650.

Patented July 23, 1889.

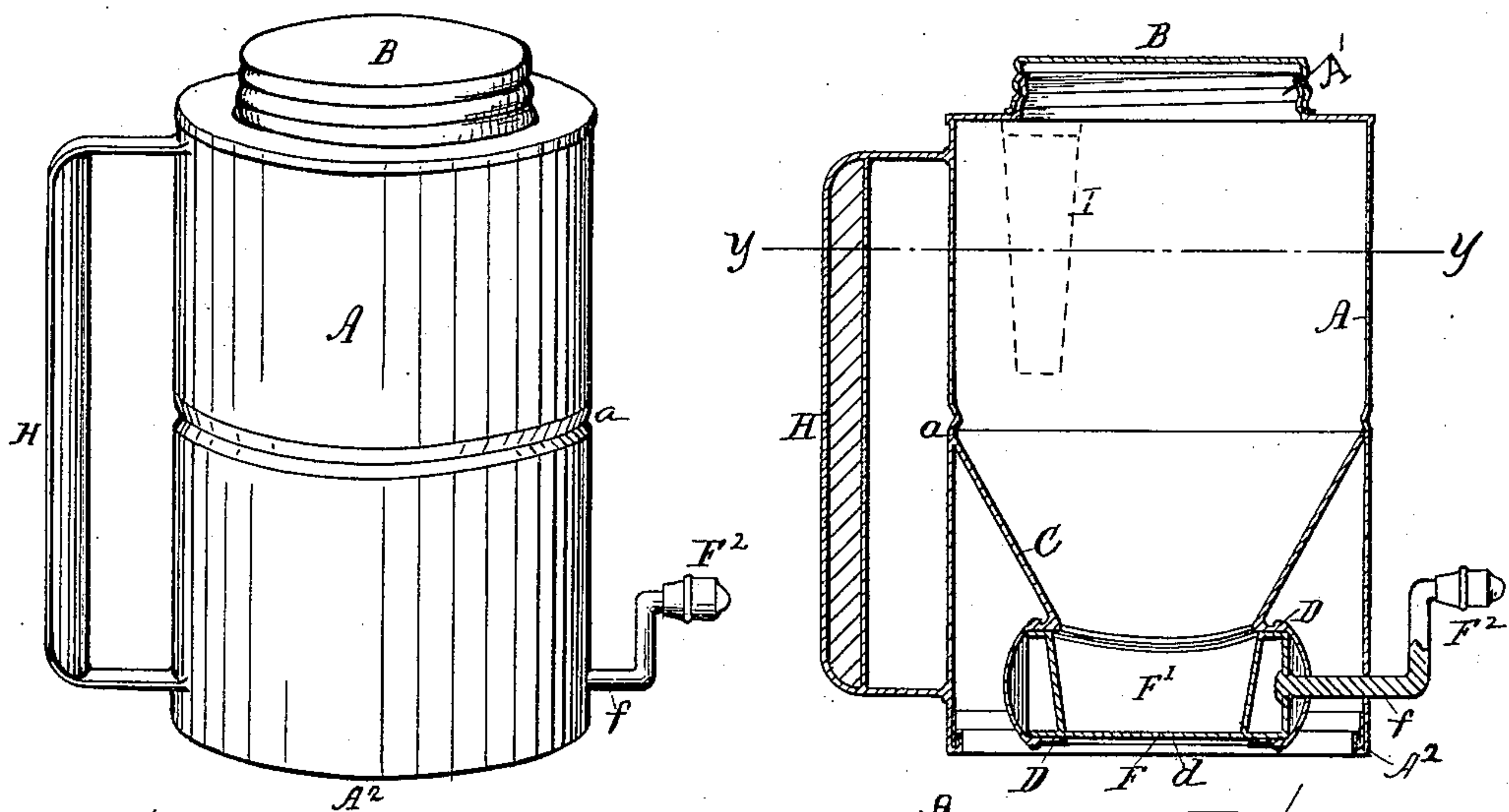
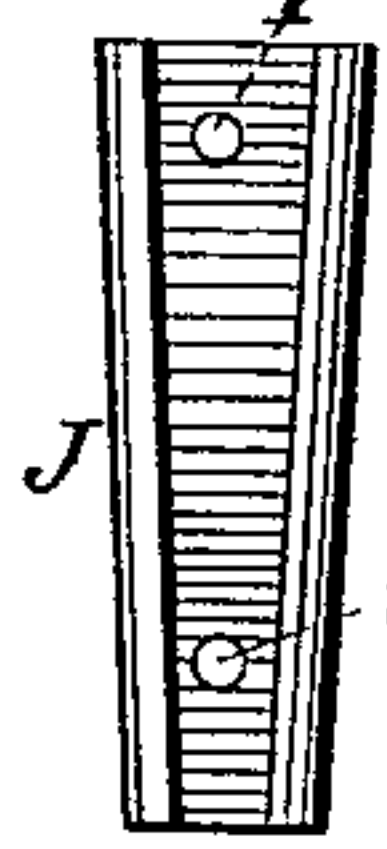


Fig. 1—

Fig. 2—



Figs. 6+7—

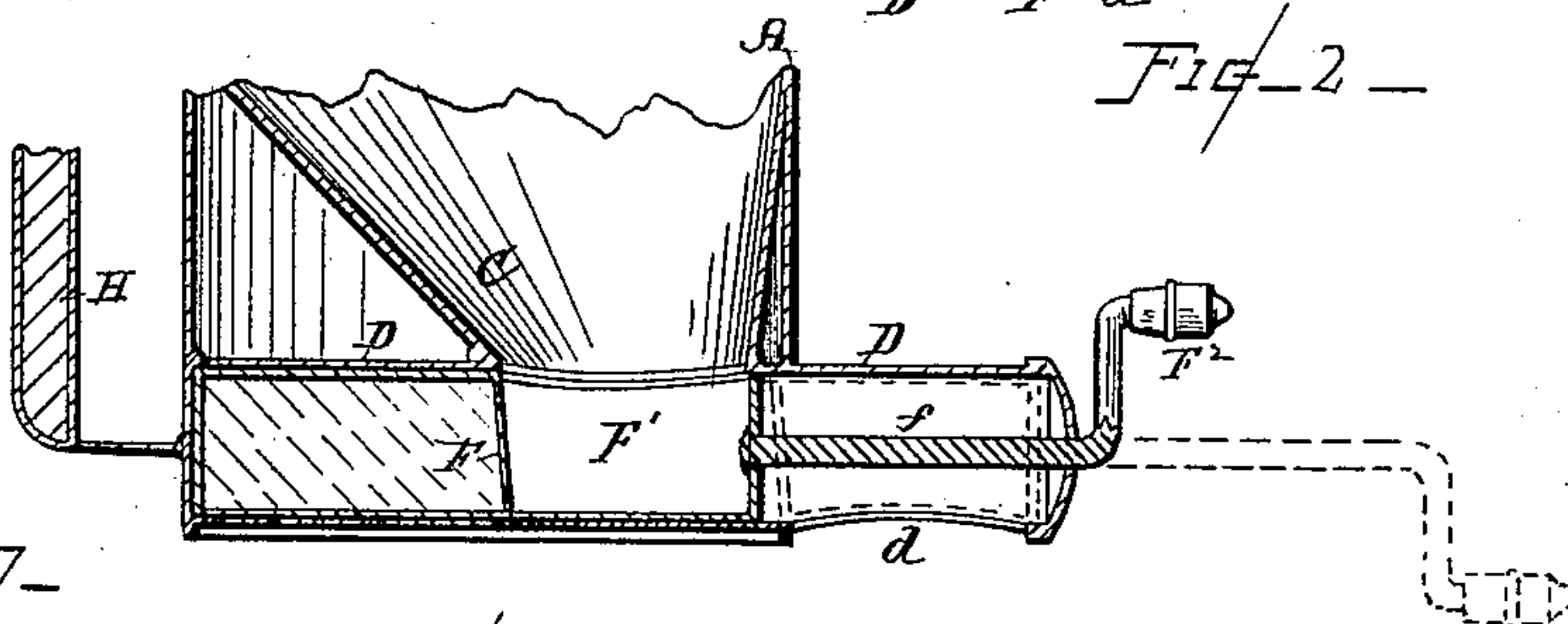


Fig. 3—

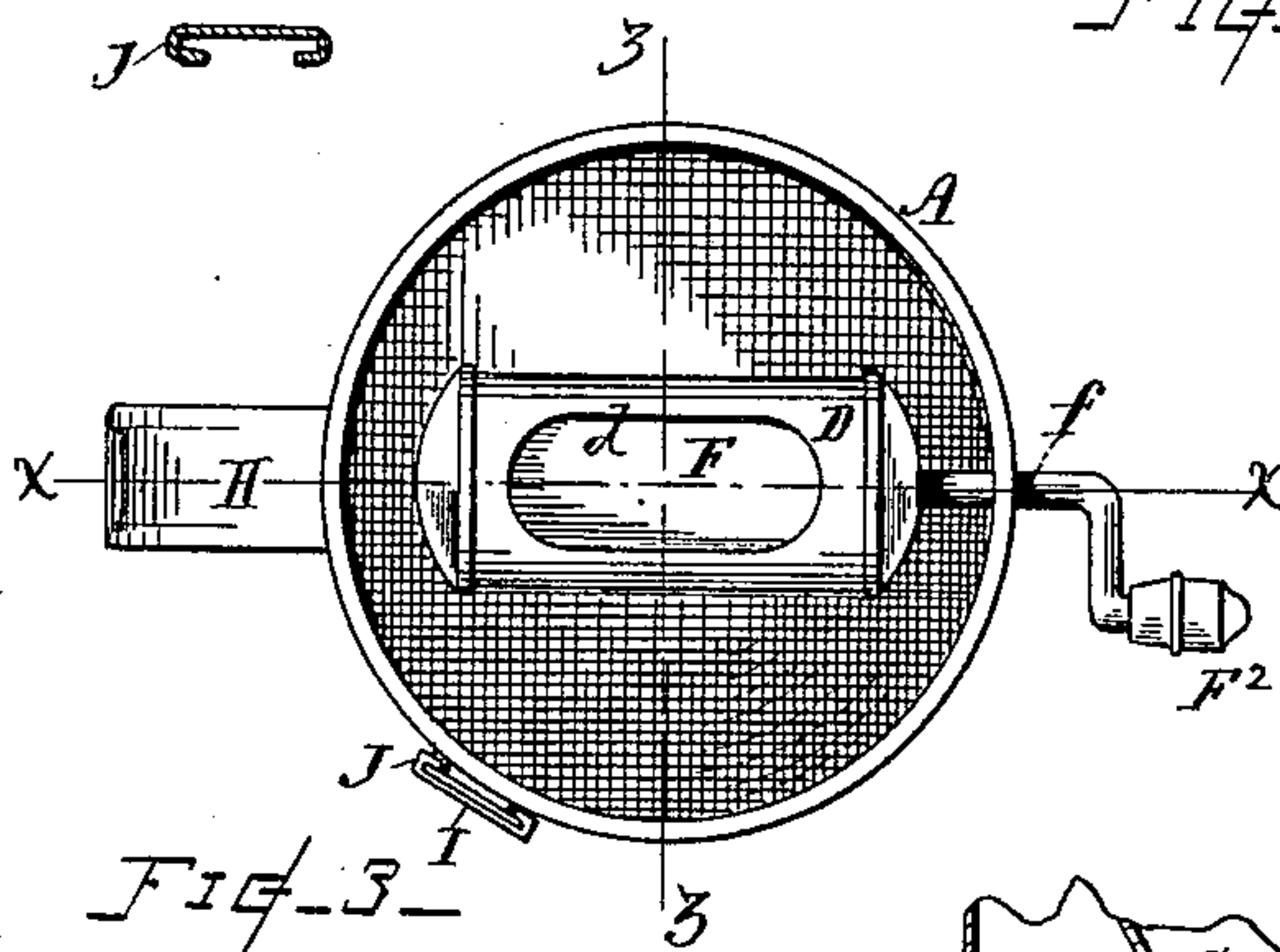


Fig. 3—

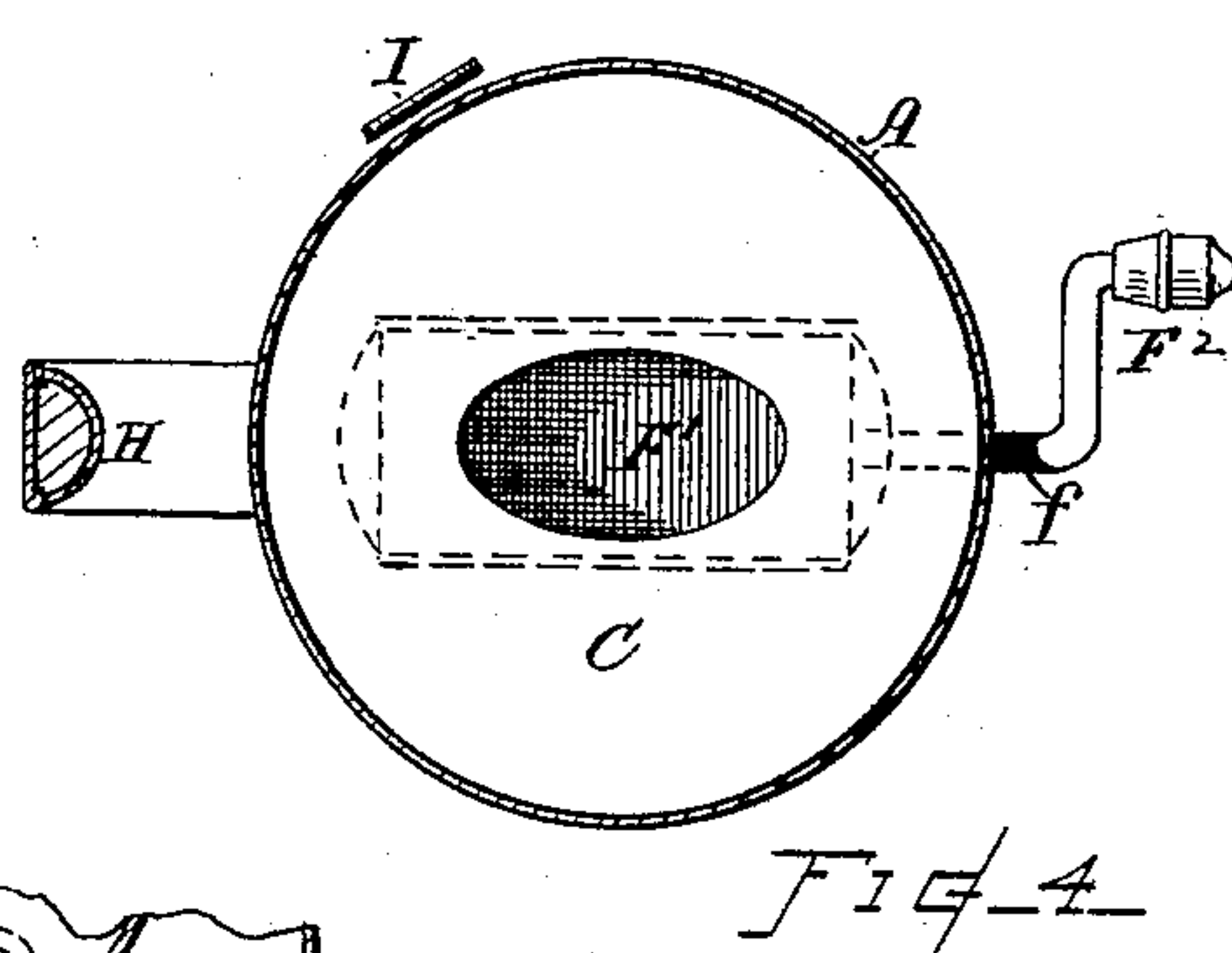


Fig. 4—

WITNESSES—

W. R. Barton  
Ella P. Blumel

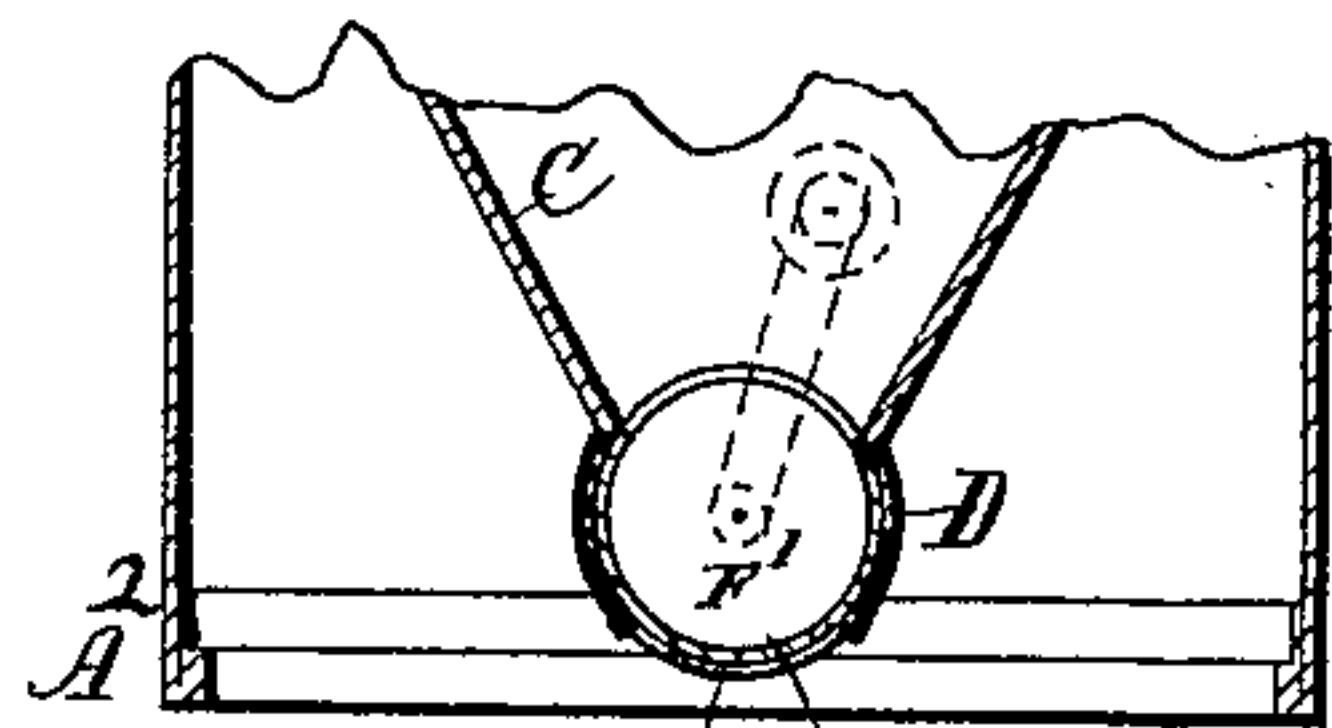


Fig. 5—

INVENTORS—

Sylvester B. Estabrook  
John P. Ashley  
By Chas. H. Burlingame  
Attorney



# UNITED STATES PATENT OFFICE.

SYLVESTER B. ESTABROOK, OF LEICESTER, AND JOHN P. ASHEY, OF WORCESTER, MASSACHUSETTS.

## MEASURING CAN OR CANISTER.

SPECIFICATION forming part of Letters Patent No. 407,650, dated July 23, 1889.

Application filed April 15, 1889. Serial No. 307,357. (No model.)

*To all whom it may concern:*

Be it known that we, SYLVESTER B. ESTABROOK and JOHN P. ASHEY, both citizens of the United States, and respectively residing at Leicester and Worcester, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Canisters or Cans for Containing Coffee, Spices, or other Similar Household Supplies, of which the following, together with the accompanying drawings, is a specification sufficiently full, clear, and exact to enable persons skilled in the art to which this invention appertains to make and use the same.

The object of our present invention is to afford as an improved article of manufacture for household use an efficient and desirable canister for containing substances—such as coffee, tea, spices, or similar supplies—and having convenient facilities for delivering a given quantity of the contents thereof as required for use.

To this end our invention consists in the improved canister constructed as shown and hereinafter explained.

In the drawings, Figure 1 is a perspective view of our improved canister. Fig. 2 is a vertical section of the same at line  $x x$ . Fig. 3 is a bottom view. Fig. 4 is a horizontal section at line  $y y$ . Fig. 5 is a transverse vertical section of the bottom at line  $z z$ . Figs. 6 and 7 show a side and section of the plate for attachment of the canister to the wall or other support, and Fig. 8 shows a modification in the construction of the delivering device.

Our improved canister consists of a tin or sheet-metal body A, preferably of cylindrical shape, and provided with an opening in its top A', furnished with a cover or screw-cap B for closing the same. A conical or funnel shaped bottom C is fixed within the body A, the upper part thereof being securely soldered to the body-cylinder at the rim or groove  $a$  and inclined downward therefrom, while its lower contracted end opens into a transversely-disposed cylinder D, within which is arranged a rotating measuring-gate or discharger F, having a pocket or cavity F' therein of sufficient capacity to contain the quantity of cof-

fee, tea, or other material required at one time for use in preparing the food or beverage for one or any given number of persons, or any particular given quantity according to the requirements or special substance for which the canister is designed.

The discharger F is provided with a stem or shaft  $f$ , that terminates in a crank or handle F<sup>2</sup> at the front of the shell A, by means of which the discharger can be conveniently revolved. The cylinder D has an opening  $d$  in its lower side, through which the contents of the measuring-cavity F' can be discharged when the discharger F is inverted, at which time the bottom of the discharger serves as a stopper or valve for cutting off and retaining the contents of the canister, except so much as is contained in the measuring-cavity F'. The lower portion of the body A is extended downward as a flange around the conical bottom C and discharging mechanism, thereby giving a level foot or base A<sup>2</sup> for the canister to stand upon.

A handle H is fixed to the body A, as shown, for convenience of handling the canister. At one side of the body there is attached a depending tongue I, that fits into a tapered socket J, which socket is furnished with holes  $i$  for screws, whereby it can be secured to a wall or other support, so that the canister can be placed at stationary position against the side of the house or at any convenient location for use when desired.

In the operation the contents of the canister are measured off as required by holding the coffee-pot or other utensil beneath the delivery-opening  $d$ . Then by giving the crank F<sup>2</sup> a turn downward the discharger is inverted and the contents of the pocket F are deposited in said utensil. Then as the crank is again raised the pocket is brought into conjunction with the end of the conical bottom C and again becomes filled. Thus by giving the crank one, two, or more turns, as required, at each of which the contents of the pocket F' are discharged, any desired quantity of coffee, tea, spice, or other substance can be taken for use.

In some instances it may be desirable to have the opening  $d$  at the front of the body

A, in which case the cylinder containing the rotating measuring-gate can be extended forward of the downwardly-projecting rim, and the measuring-gate or discharger can have  
5 longitudinal movement therein for discharging at the front of the canister, as indicated in Fig. 8.

We claim as our invention to be secured by Letters Patent—

10 The within-described canister, consisting of the body A, formed of sheet metal, with a cover B and downwardly-projecting rim A<sup>2</sup>, and having the funnel-shaped bottom C, the

cylindrical chamber D, connected with and opening to said bottom, and with an exit- 15 opening *d*, the rotating measuring-gate fitted within said cylindrical chamber, and the operating crank or handle F<sup>2</sup>, all arranged substantially as shown and described.

Witness our hands this 6th day of April, 20 A. D. 1889.

SYLVESTER B. ESTABROOK.  
JOHN P. ASHEY.

Witnesses:

CHAS. H. BURLEIGH,  
ELLA P. BLENUS.