

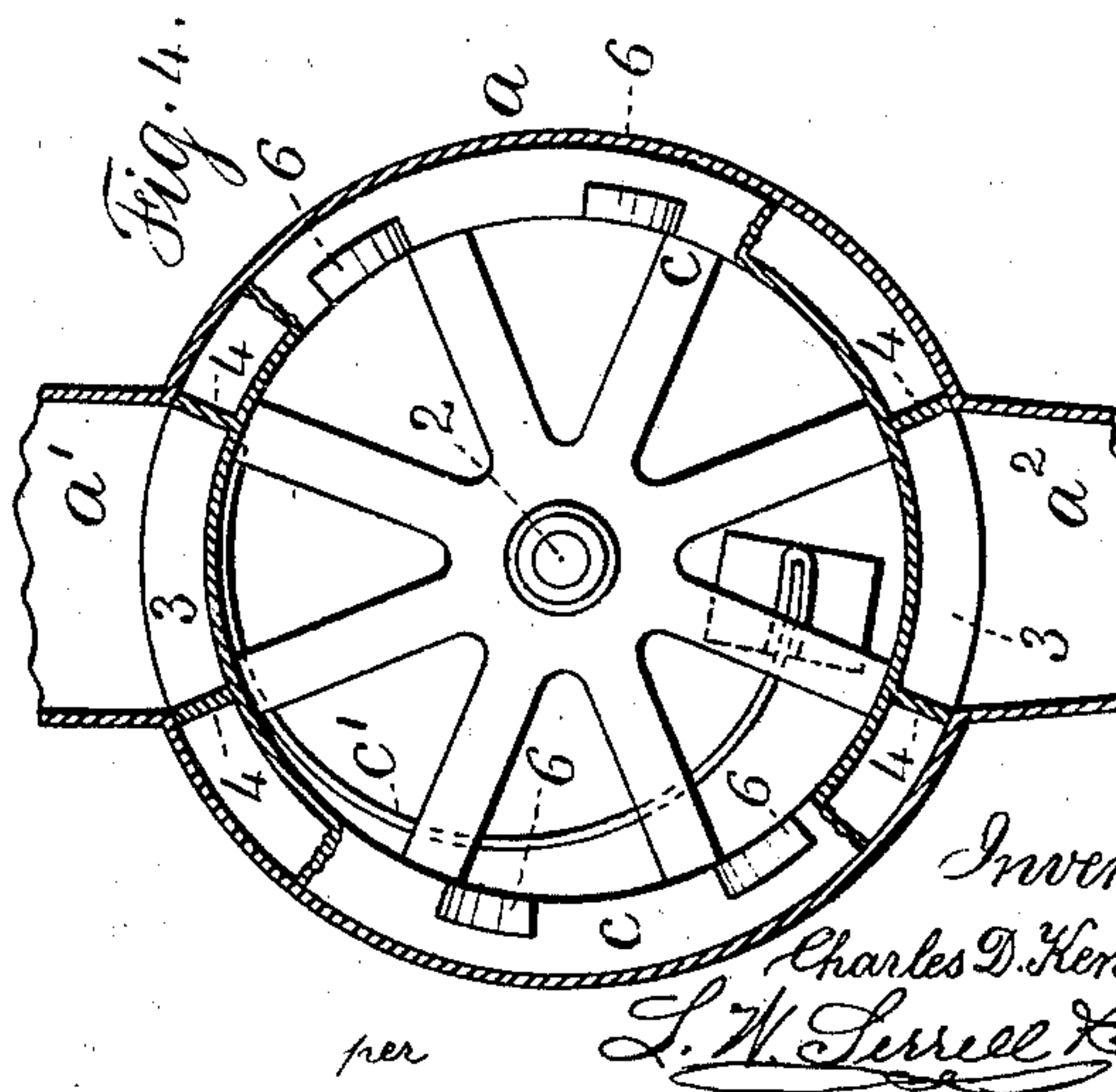
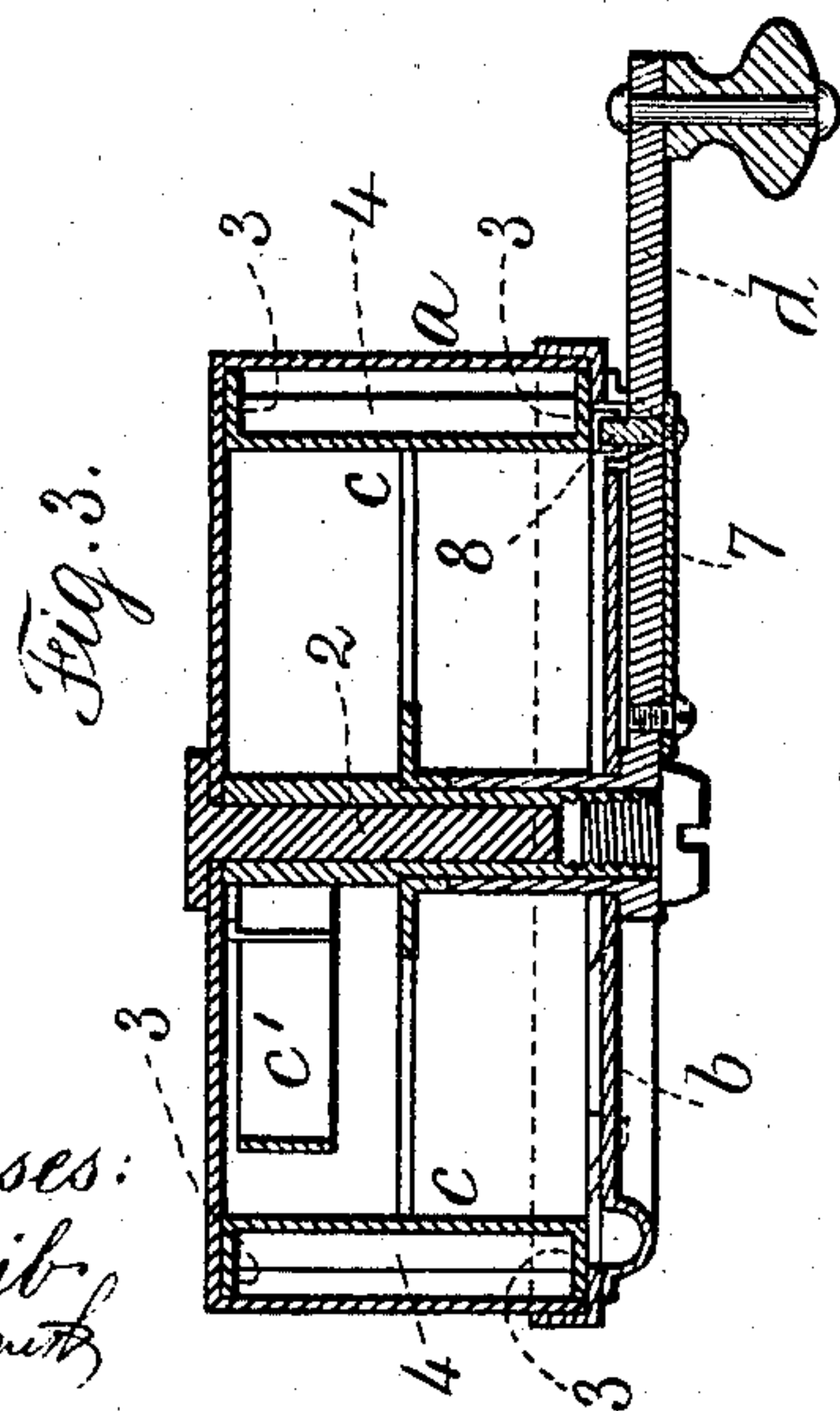
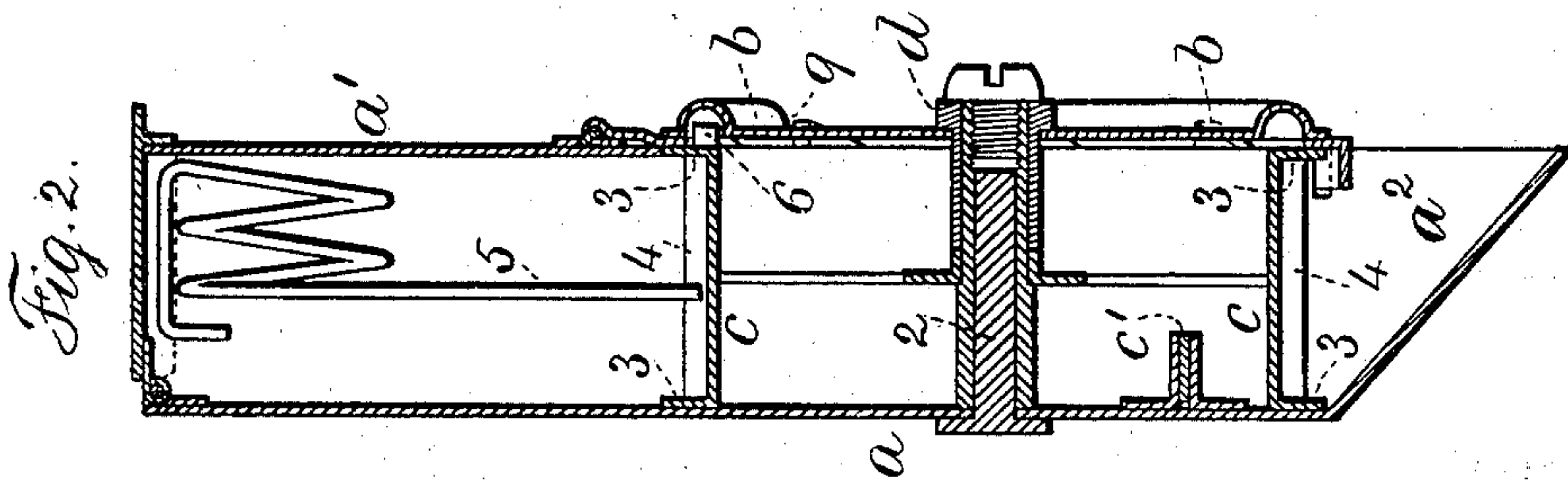
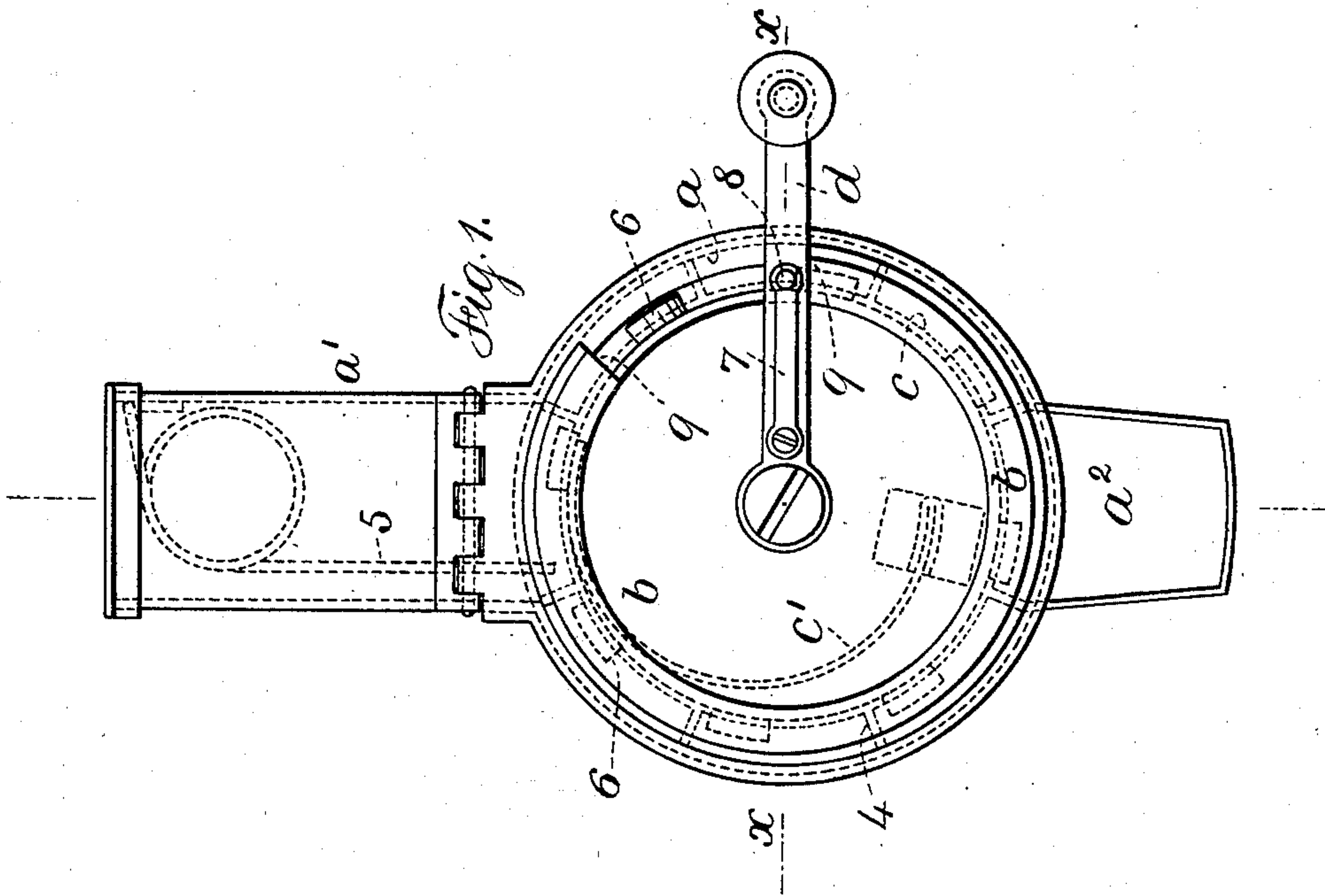
No. 671,827.

Patented Apr. 9, 1901.

C. D. KENDALL.
SOAP CANISTER.

Application filed July 24, 1900.

(No Model.)



Witnesses:
J. Stait
J. H. Smith

Inventor
Charles D. Kendall
per L. W. Serree & Son
Attys

UNITED STATES PATENT OFFICE.

CHARLES D. KENDALL, OF BROOKLYN, NEW YORK, ASSIGNOR TO HIMSELF
AND CHARLES R. McBRIDE, OF SAME PLACE, AND FREDERICK G. MAR-
QUARDT, OF ARLINGTON, NEW JERSEY.

SOAP-CANISTER.

SPECIFICATION forming part of Letters Patent No. 671,827, dated April 9, 1901.

Application filed July 24, 1900. Serial No. 24,662. (No model.)

To all whom it may concern:

Be it known that I, CHARLES D. KENDALL, a citizen of the United States, residing at the borough of Brooklyn, in the city and State of New York, have invented a new and useful Improvement in Soap-Canisters, of which the following is a specification.

My invention relates to a device otherwise termed a "canister," adapted to hold soap in a powdered or granular form and to deliver predetermined quantities of the same in the operation of the device.

The said canister may be adapted for use in hotels and similar places instead of the ordinary cake of soap, the object of said device being to prevent waste and to assist cleanliness.

In carrying out my invention I provide a case having an open circular central portion provided with a removable cover, an upper receptacle to the case adapted to hold a quantity of soap in powdered or granular form, and a delivery-spout at the lower portion of the case. In the open circular center of the case I place a revoluble spring-controlled drum provided with peripheral pockets, each receiving from the receptacle above a quantity of the soap powder governed by the capacity of the pocket, the same being predetermined. I provide an arm, suitable stops to limit the movement thereof, suitable lugs on the drum, and a device connected to the arm for engaging the lugs of the drum to rotate the drum in each movement an extent equal to the size of the peripheral pockets and no more, so that the contents of the pockets one at a time is discharged into the spout and delivered therefrom.

In the drawings, Figure 1 is an elevation representing my improvement. Fig. 2 is a vertical section of the same. Fig. 3 is a sectional plan at $x x$ of Fig. 1, and Fig. 4 is an elevation and partial section of the drum and adjacent case.

The metal case of the soap-canister comprises an open circular center a , an upper receptacle a' , preferably with a cover, and a delivery-spout a^2 at the lower part of the canister and at the side of the circular center opposite to that occupied by the receptacle, and

I provide a removable cover b , hinged to the case, a part of the cover at one side being cut away for the purpose hereinafter described.

Within the open circular center of the case I place a revoluble drum c . This drum is composed of a hub surrounding the center-pin 2 of the case, with radial arms from the hub to the band periphery, which is provided with side flanges 3 and radial blades 4, dividing the edge of the drum into peripheral pockets, preferably of equal size. The said drum fits snugly within the circular center of the case, with the edges of the flanges 3 and blades 4 coming closely against the inner surface of the circular center of the case.

I provide an agitator in the form of a spring-arm 5 within the upper receptacle a' , the said device being so placed that the lower end of the arm strikes against the blades 4 in the rotation of the drum, the movement imparted acting to break up the contents of the receptacle, so as to prevent the same caking or consolidating.

I provide an arm d and handle connected to the hub of the drum, and by this arm and handle the drum is rotated. A spring 7 is fastened to and lies along the surface of the arm, and a pin 8, passing through a hole in the arm, is connected to the free end of the spring, and I provide tapering or wedge-shaped lugs 6 upon the surface of the drum, agreeing in number with the pockets and spaced apart, the said pin 8, with the movement of the arm, riding over the lugs and engaging the same to turn the drum. Within the drum a post secured to the case carries a spring c' , whose free end bears against the drum to hold the same frictionally in position, and especially during the return movement of the arm and handle.

The cover b is cut away at one side, as shown in Fig. 1, to provide for the movement of the arm d , and stops 9 are provided, against which the arm d strikes in its backward and forward movements. These stops 9 may be separate pieces fastened to the face of the cover b , or the upwardly-curved annular rib, formed to provide a space for the lugs 6 of the drum, may be cut away, as shown, to form the stops 9.

It will be noticed that these parts set together to advantage, the spring *c'* frictionally holding the drum, the powdered soap filling into the pockets by gravity as the drum revolves, the arm and handle *d* and pin 8 for engaging the lugs 6 and turning the drum between the limiting-stops 9, one pocket at a time, to deliver the powdered soap at the spout *a*² into the hand of the user, and the agitator 5 keeping the granular soap in a condition to descend into the receptacles by gravity, and the arm and handle being returnable to engage the drum and repeat the operation whenever desired.

15 I claim as my invention—

1. In a soap-canister, the combination with a case having a circular central portion and a removable cover thereto, a receptacle above the circular part of the case and a delivery-spout at the lower part, of a revoluble spring-controlled drum received within the circular central portion of the case, spaced-apart lugs on the surface of the drum, an arm and handle pivotally connected to a central hub of the drum, a spring-pin on the arm adapted to engage the said lugs, and stops on the cover to limit the movement of the arm, substantially as set forth.

2. In a soap-canister, the combination with a case having a circular central portion and a removable cover thereto having a portion cut away at one side, a receptacle above the circular part of the case and a delivery-spout at the lower part, of a revoluble spring-con-

trolled drum received within the circular central portion of the case, spaced-apart lugs on the surface of the drum, an arm and handle pivotally connected to the central hub of the drum, a pin passing through the arm and adapted to engage the said lugs and a spring for operating the pin, and stops on the cover to limit the movement of the arm, substantially as set forth.

3. In a soap-canister, the combination with a case comprising a circular central portion and a central stud, a post and spring connected thereto, an upper receptacle and an agitator therein and a delivery-spout, of a flanged cover having an annular raised portion and a cut-away portion forming stops, a revoluble drum within the circular center of the case and frictionally held by said spring and having pockets spaced apart around the periphery of the drum and lugs upon the surface by which the same is rotated, an arm and handle connected to the central hub of the drum, a spring-pin connected to the arm and adapted to engage the lugs of the drum and rotate the same a distance equal to one pocket, the handle coming against the stops of the cover to limit the movement, substantially as set forth.

Signed by me this 19th day of July, A. D. 1900.

CHARLES D. KENDALL.

Witnesses:

HAROLD SERRELL,
ARTHUR H. SERRELL.