

No. 662,627.

Patented Nov. 27, 1900.

J. F. C. LUHAN.

SANITARY DISPENSER FOR PLASTIC SUBSTANCES.

(Application filed Mar. 31, 1900.)

(No Model.)

Fig. 1.

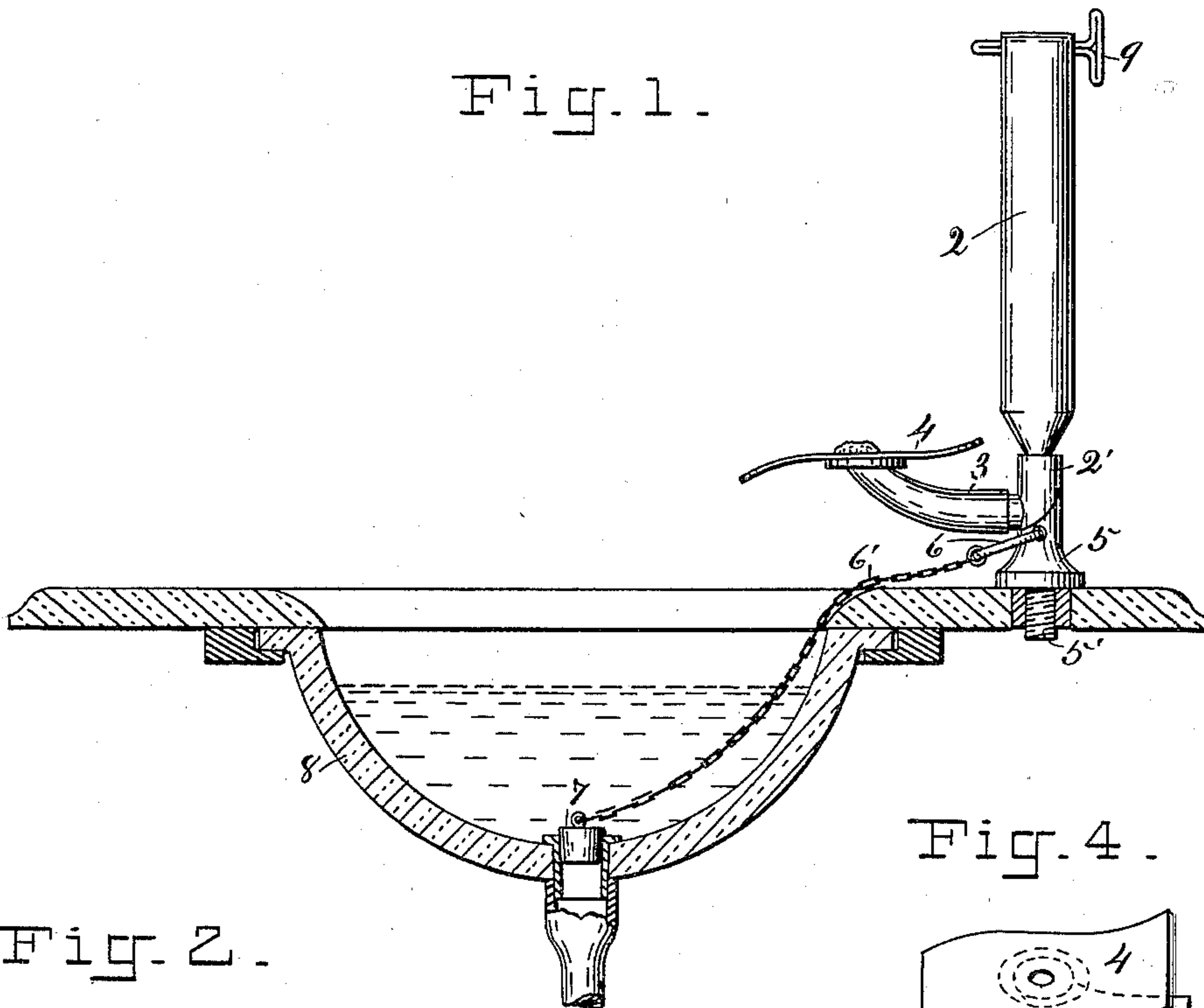


Fig. 2.

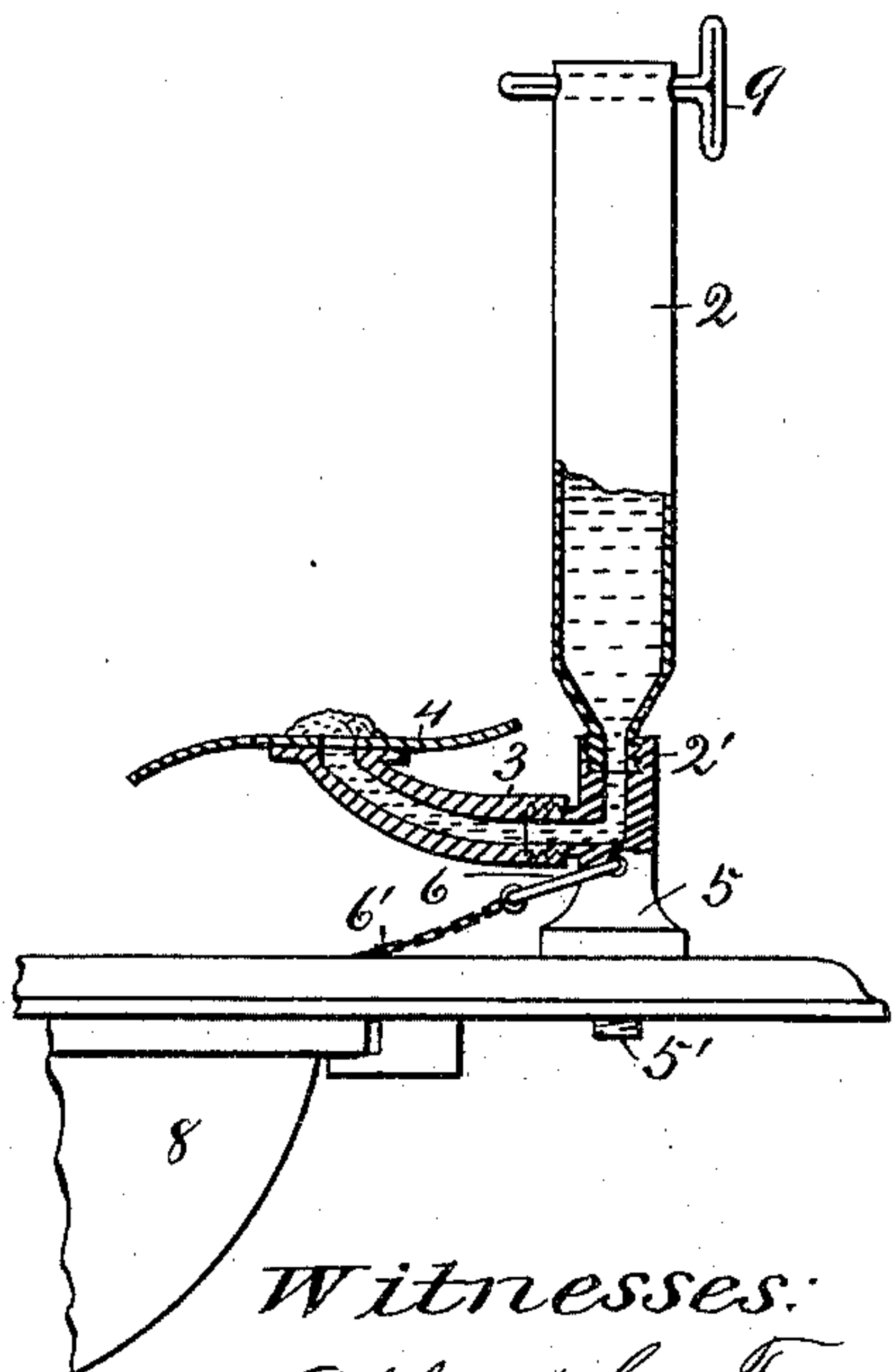


Fig. 4.

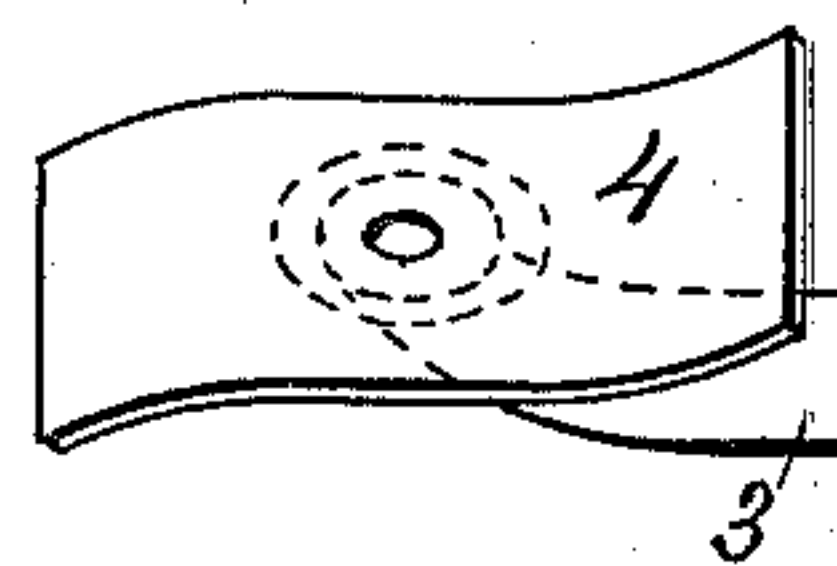
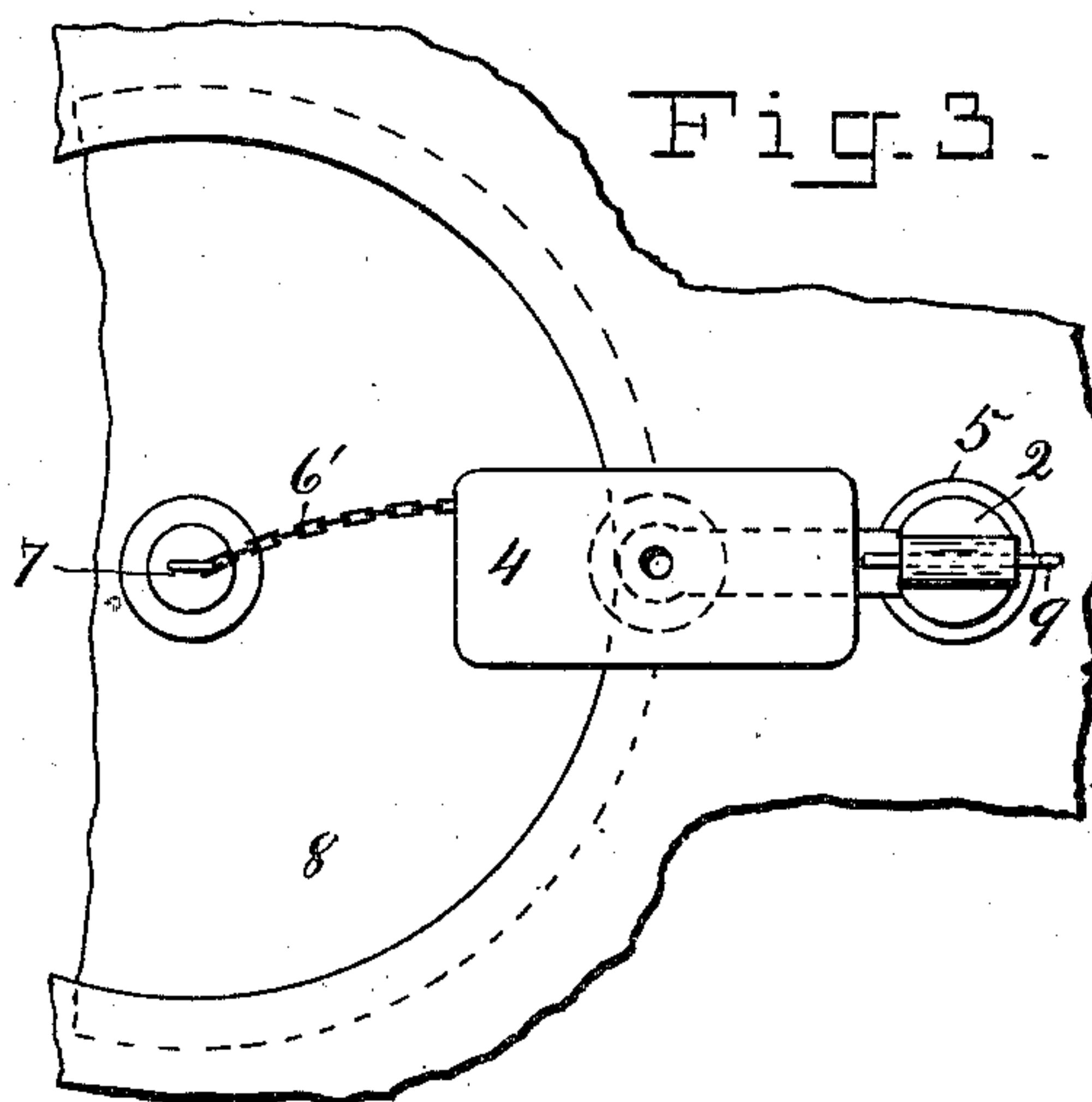


Fig. 3.



Witnesses:

Albert C. Tanner
Thompson

Inventor:

Joseph F. C. Luhan

UNITED STATES PATENT OFFICE.

JOSEPH F. C. LUHAN, OF NEW YORK, N. Y.

SANITARY DISPENSER FOR PLASTIC SUBSTANCES.

SPECIFICATION forming part of Letters Patent No. 662,627, dated November 27, 1900.

Application filed March 31, 1900. Serial No. 11,008. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH F. C. LUHAN, a citizen of the United States, residing at New York, borough of Manhattan, in the county and State of New York, have invented certain new and useful Improvements in Sanitary Dispensers for Plastic Substances, which improvements are fully set forth in the following specification and accompanying drawings.

In the drawings, Figure 1 is a side elevation of a dispenser for plastic substances embodying my said improvements, the same being shown in position for service. Fig. 2 is a view of said dispenser principally in central vertical section. Fig. 3 is a plan view of the parts seen in Fig. 1. Fig. 4 is a detail perspective view intended to more clearly illustrate one of the essential features of my improved dispenser.

Similar reference-numerals denote like parts throughout the several views of the drawings.

This invention relates to improvements in devices of that class commonly known as "dispensers," the same being designed for the storage of a commodity or substance and through proper manipulation of a part or parts of the general structure the delivery of such commodity or substance in limited quantities as required by the user.

The object of the invention is to provide a device of the character stated which shall be simple and cheap as regards construction, efficient in operation, and which shall possess palpable advantages over prior analogous structures.

The invention consists in the employment of certain novelly-formed parts, in the novel disposition and arrangement of the various parts, in certain combinations of the latter, and in certain details of construction, all of which will be specifically referred to hereinafter.

Having reference to the accompanying drawings, 2 denotes a reservoir provided at one end with a neck having threads, (here shown as exterior threads,) and 3 denotes a delivery-spout having at its intake end suitable threads, (here shown as interior threads,) the threads of said delivery-spout being designed to engage the threads with which the neck 2' of the reservoir 2 is provided, to the

end that said delivery-spout and said reservoir may be detachably joined one with the other. The outlet end of the delivery-spout 3 is provided with a platform 4, the function of which will appear hereinafter. The delivery-spout 3 is mounted, by soldering, brazing, or in any other approved manner, upon a supporting medium 5 (here shown as taking the character of a standard) and provided with a threaded spur or element 5', designed to engage the threads of a suitably-threaded opening formed, for example, in a marble slab or the like, such as commonly used in connection with a washbowl.

It will be understood that the supporting medium 5 may be readily provided with a threaded spur adapted to engage a suitably-threaded opening formed in a vertical slab or the like and this without affecting the upright position of the dispenser, as seen in Fig. 1, and, further, it will be understood that means other than the supporting medium 5, with its spur 5', may be employed for retaining the dispenser in position for service.

The supporting medium 5 is provided with a suitable opening, which is engaged by the ring 6, forming part of flexible connection or chain 6', the latter carrying the stopper 7, designed for closing the outlet of the washbowl 8.

As my improved dispenser is intended chiefly for the storage and delivery of a plastic commodity or substance I prefer to form the reservoir 2 from yielding or pliable material and provide the same at its upper end with a key 9, around the body of which the reservoir may be rolled by properly manipulating said key for the purpose of forcing the contents of said reservoir through the delivery-spout 3 to and upon the platform 4. The reservoir 2, however, may be formed from rigid or non-yielding material, and means other than those described may be used in connection therewith for forcing the delivery of the contents of said reservoir.

The platform 4 serves as a guard for the outlet end of the delivery-spout 3, and also furnishes a desirable surface for the contact of the hand or finger of the user in collecting the portion of the contents of the dispenser there delivered, the same being given by preference a wave-like form, as shown.

The delivery-spout 4 may, if deemed advisable, comprise a plurality of detachably-joined sections, as indicated in the drawings, and in such case one of said sections may be
 5 fixed in any approved manner to the supporting medium 5, thus permitting removal and replacement of the remaining section or sections.

In operation my improved dispenser is arranged and fixed in position for service substantially as shown in the drawings, and the user desiring a potion of the contents of the dispenser turns the key 9 in the direction to
 10 wind the reservoir 2 upon the body of said key, which results in a greater or less potion of the contents of the dispenser being forced to and upon the platform 4, according to the degree to which the key 9 is turned. The user now collects with his hand or finger the
 15 potion of the contents of the dispenser appearing upon the platform 4.

My improved dispenser has special utility in that it obviates the loss through atmospheric influences of any volatile property or
 25 properties comprised in the substance for containing which the dispenser may be used, preserves the normal strength and quality of such substance, and securely houses the substance against contaminating agencies, thus
 30 preventing the transmission of contagious or infectious diseases.

From the foregoing description of my improved dispenser it will be seen that the same is particularly well adapted for the purpose
 35 for which it is designed, and that as regards the form of any of the parts and details of the construction the same may be modified to some extent without material departure from the principle and spirit of my invention.

40 Having fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A device of the class described, consisting of a reservoir, a delivery-spout detachably joined to said reservoir, a platform fixed
 45 to said delivery-spout at its outlet end, and means for producing a pressure within said reservoir, in the direction of said delivery-spout, as herein specified.

2. A device of the class described, consisting of a supporting medium, a reservoir of pliable or yielding material, a key for collapsing said reservoir, and a delivery-spout,
 50 the latter mounted on said supporting medium and detachably joined to said reservoir, as herein specified.

3. A device of the class described, consisting of a supporting medium, a reservoir of pliable or yielding material, a key for collapsing said reservoir, and a delivery-spout,
 60 the latter consisting of detachably-joined sections, one of which sections is fixed to said supporting medium and adapted to be detachably joined to said reservoir, as herein
 65 specified.

4. A device of the class described, consisting of a reservoir of pliable or yielding material, a key for collapsing said reservoir, a delivery-spout detachably joined to said reservoir,
 70 and a platform fixed to said delivery-spout at its outlet end, as herein specified.

5. A device of the class described, consisting of a reservoir, a delivery-spout detachably joined to said reservoir and composed of detachably-joined sections, a platform fixed
 75 to the delivery-spout at its outlet end, and means for producing a pressure within said reservoir in the direction of said delivery-spout, as herein specified.

JOSEPH F. C. LUHAN.

Witnesses:

ALBERT C. TANNER,
 W. H. RUBY.