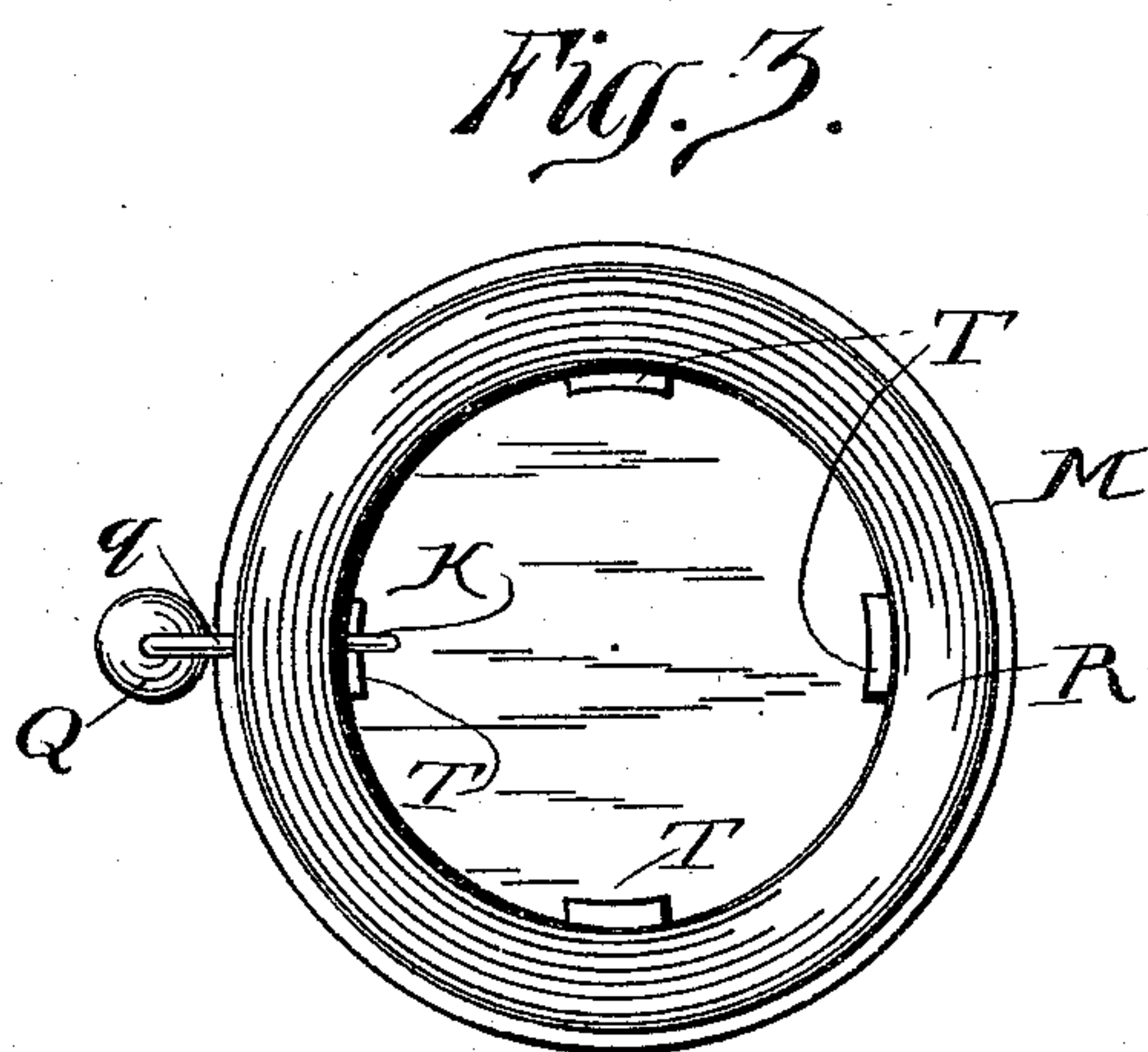
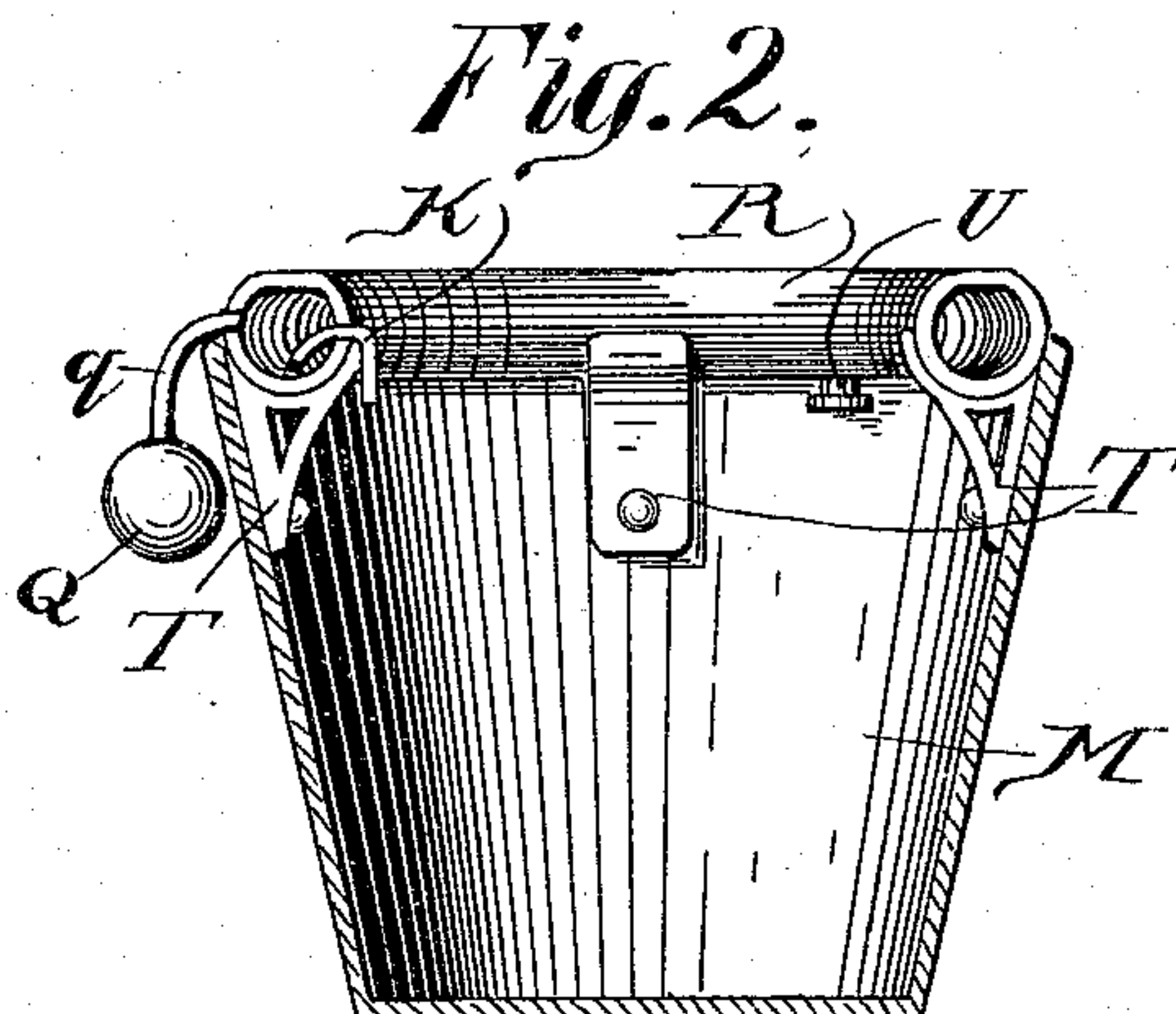
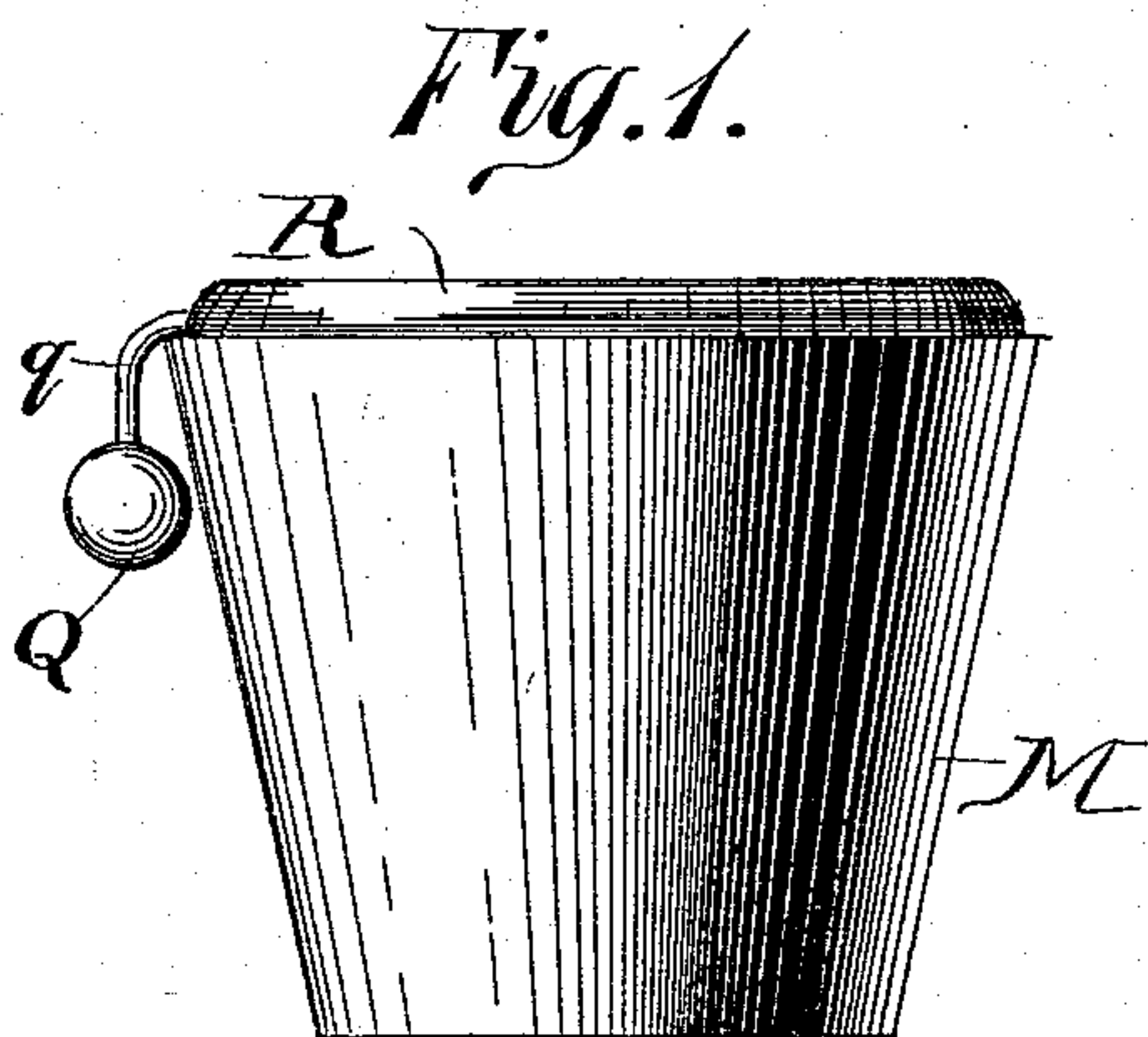


(No Model.)

V. E. POPPENS.
COMMODE OR SANITARY PAIL.

No. 543,402.

Patented July 23, 1895.



Witnesses.

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UNITED STATES PATENT OFFICE.

VALBORG EMMILIE POPPENS, OF NORTH MELBOURNE, VICTORIA.

COMMODE OR SANITARY PAIL.

SPECIFICATION forming part of Letters Patent No. 543,402, dated July 23, 1895.

Application filed October 6, 1894. Serial No. 525,114. (No model.)

To all whom it may concern:

Be it known that I, VALBORG EMMILIE POPPENS, a subject of the King of Sweden and Norway, and a resident of Meat Market Hotel, Victoria Street, North Melbourne, in the Colony of Victoria, have invented certain new and useful Improvements in Commodes or Sanitary Pails and Receptacles, of which the following is a specification.

My invention relates to improvements in sanitary vessels, and has for its object to provide a neat, cheap, and efficient sanitary pail, provided with a hollow annular seat-ring, which serves both as a seat when used as a chamber vessel or commode and also as a receptacle to contain a disinfectant which may be readily discharged into the said pail when desired.

My invention will be better understood by reference to the accompanying drawings, wherein the same parts are indicated by the same letters throughout the several views.

Figure 1 is a side elevation of my improved sanitary vessel, showing the annular seat-ring in position and the bulb attached thereto. Fig. 2 is a sectional view of the same, showing the interior of the vessel and the brackets for supporting the seat-ring; and Fig. 3 is a top plan view of the vessel, as shown in Fig. 1.

M represents the body of the vessel, the same consisting of a pail of suitable construction made of wood or sheet-iron or any other metal desired. This pail is provided on its interior and near its upper rim with a plurality of brackets, such as T, to support the annular ring R. These brackets may be riveted to the sides of the pail, as shown in Fig. 2, or they may be soldered thereto, as may be desired. When a wooden pail is used they should be riveted or bolted, but when a metal pail is used they may be either riveted or bolted or soldered to the sides of the pail. There should preferably be at least three of such brackets, in order that the hollow ring R may rest firmly and evenly upon them within the mount of the pail.

R represents the hollow annular seat-ring, which when in position in the pail rests upon and is supported by the brackets T. This hollow ring is provided with an inlet-opening

U, which may be closed by means of a screw-cap, as shown, or by a stopper or any other suitable means. Through this opening U an antiseptic may be introduced into the hollow chamber within the annular ring R, where it is stored for use.

Q represents a collapsible bulb of ordinary construction, which is connected to the hollow chamber within the ring R by means of a flexible tube q. K is a tube leading from this hollow chamber within the said ring R to the interior of the pail M.

When the hollow ring R contains antiseptic material, and it is desired to inject a portion of such material into the pail M, this may be done by compressing the bulb Q, which will force a portion of the said antiseptic material out through the outlet tube or opening K into the interior of the pail M.

The ring R is intended to serve as a seat for the pail when the same is used as a chamber-vessel or commode, and the upper part of said seat-ring should project slightly above the upper rim of the pail, as shown in Figs. 1 and 2. It will be seen that this seat-ring may be readily removed when for any reason it may be desired so to do, as for emptying the pail of its contents or for cleaning the same.

As only a small portion of the antiseptic material will be ejected from the hollow ring at any one time it will be evident that when the hollow ring R has been filled once it will not be necessary to refill it for a considerable time and that the material will be safely and conveniently held within the said ring.

It will be seen that I provide a cheap, neat, and exceedingly convenient and useful sanitary vessel or commode, the advantages of which will be apparent to any practical mind.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

In a sanitary vessel, the combination with the pail M provided with three or more brackets or supports such as T, for the seat; of the removable hollow annular seat ring R resting upon said brackets and projecting slightly above the upper rim of said pail; the said seat ring being provided with inlet opening U by means of which a disinfectant may be

introduced into the annular chamber within
said ring, and a bulb connected to the outside
of said ring, and an outlet opening on the in-
ner side of said ring, by means of which bulb
5 the disinfectant in the annular chamber
within said ring may be discharged through
said outlet opening into said pail, substan-
tially as and for the purposes described.

In witness whereof I have hereunto set my
hand in the presence of two subscribing wit- 10
nesses.

VALBORG EMMILIE POPPENS.

Witnesses:

GEORGE P. TUNIS,
E. F. NICHOLLS.