

No. 886,075.

PATENTED APR. 28, 1908.

J. P. REMINGTON.

DEVICE FOR CLEANING CAPSULES.

APPLICATION FILED MAY 18, 1906. RENEWED MAR. 21, 1908.

FIG. 1.

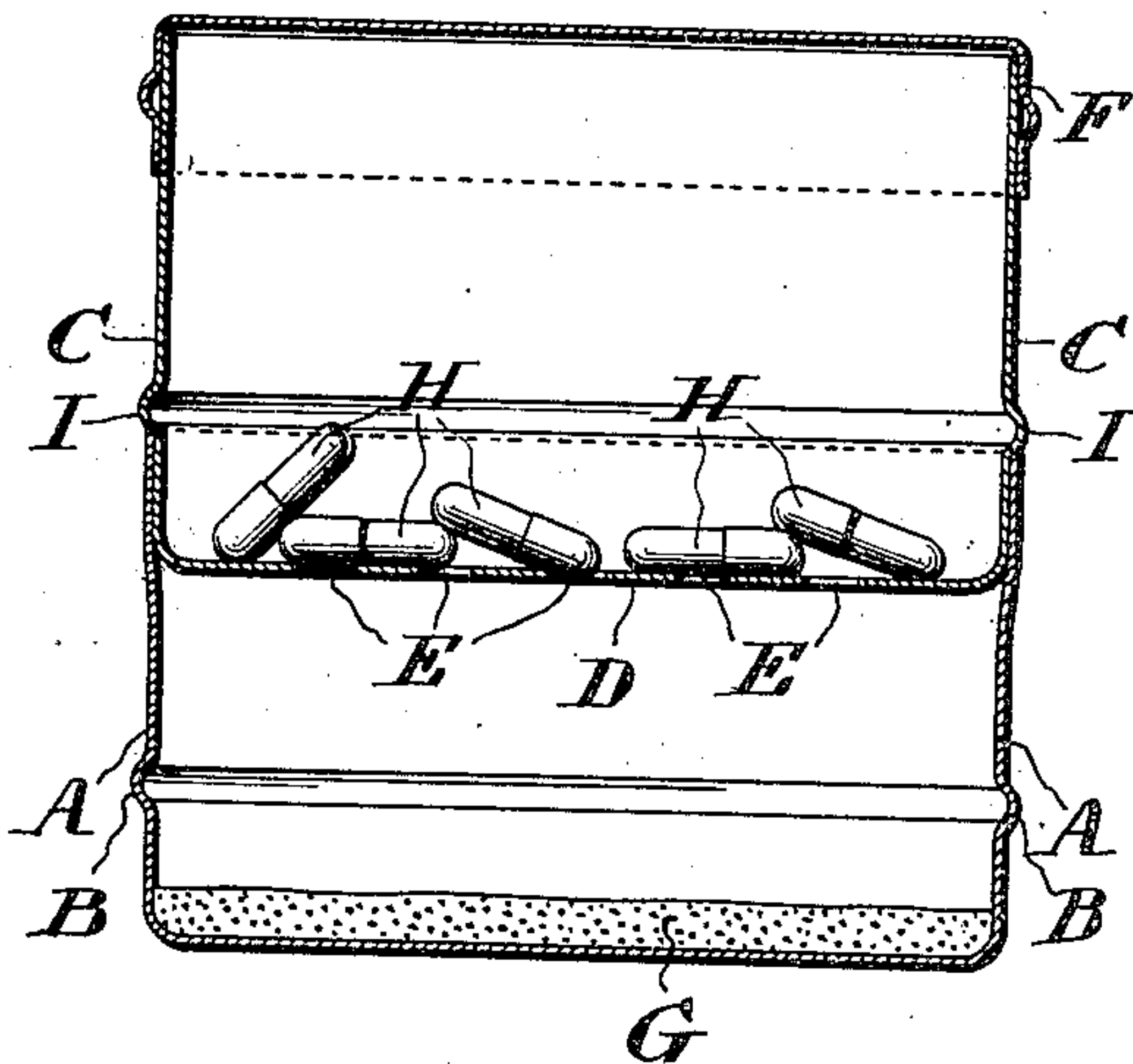
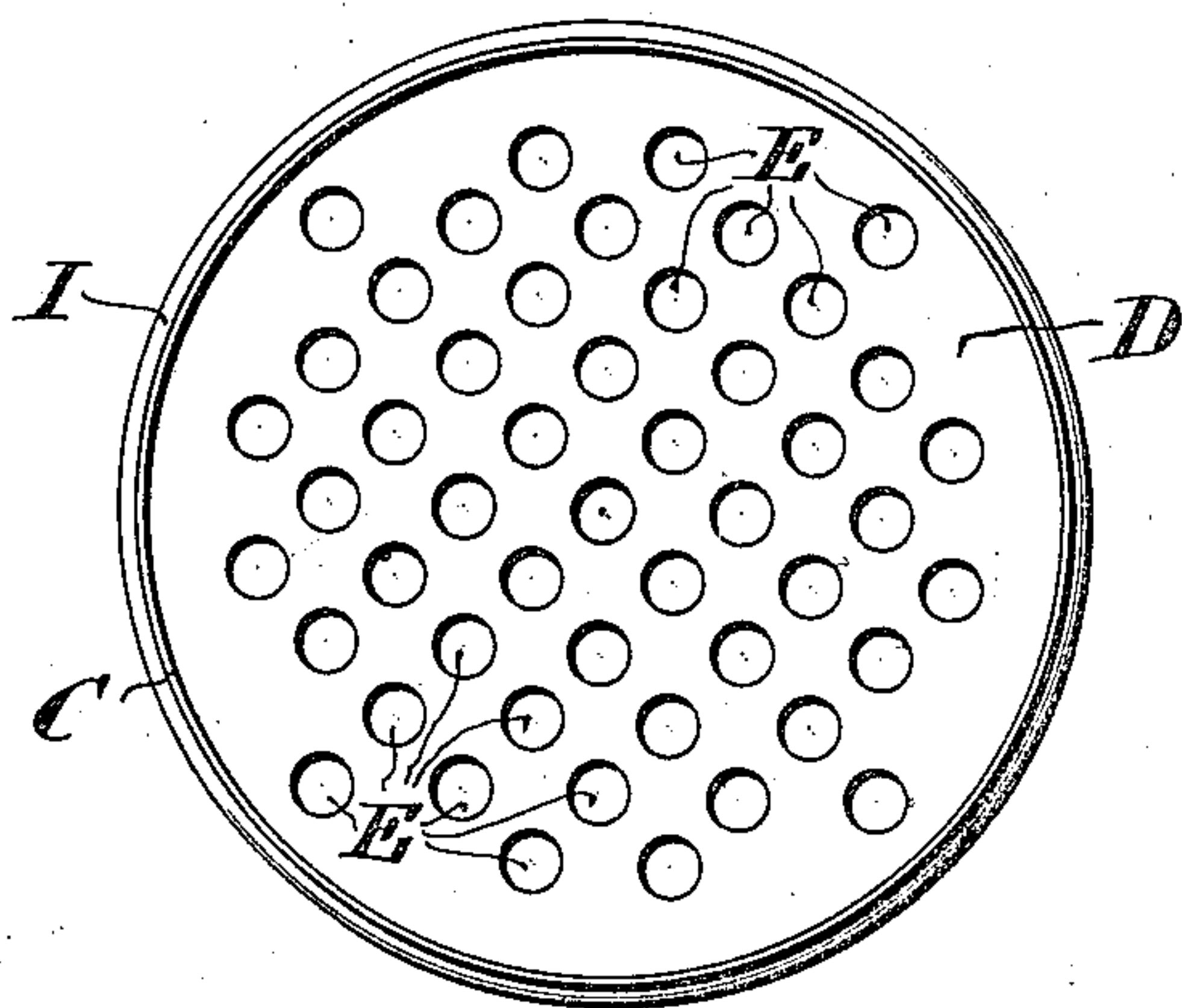


FIG. 2.



WITNESSES:

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DEVICE FOR CLEANING CAPSULES.

No. 886,075.

Specification of Letters Patent.

Patented April 28, 1908.

Application filed May 18, 1906, Serial No. 317,513. Renewed March 21, 1908. Serial No. 422,490.

To all whom it may concern:

Be it known that I, JOSEPH PERCY REMINGTON, a citizen of the United States of America, residing at No. 1832 Pine street, in the city of Philadelphia, State of Pennsylvania, have invented certain new and useful Improvements in Devices for Cleaning Capsules, whereof the following is a full, clear, and exact description, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings.

My invention relates to a device for cleaning capsules whereby a large number of capsules may be quickly and easily cleaned by friction with some suitable cleansing material, while at the same time the device itself is of such simple construction that it may be readily taken apart for charging and re-charging, and each part separately and thoroughly cleansed.

In the accompanying drawings Figure I is a view in vertical section through my device, showing the capsules and cleansing material in their respective places, and Fig. II is a plan view of the bottom of one of the receptacles forming part of the device.

A represents a cup-shaped receptacle preferably cylindrical having a bead B on its outer circumference near its base. C is a similarly shaped receptacle having a similar bead I, on its outer circumference near its base. Receptacle C has a slightly smaller diameter than the mouth of the receptacle A, and is adapted to fit securely therein, so that the bead I rests on the mouth of the receptacle A. The base D of the receptacle C is formed of sheet metal having the perforations E E, such perforations being sufficiently large to enable the cleansing material to pass readily through them, yet smaller than the diameter of the capsules so as to prevent their passage from one receptacle to the other.

The receptacle C is provided with a beaded close fitting top F which is removable therefrom. G. represents the cleansing material contained in the receptacle A, and H the capsules contained in receptacle C.

The operation of the device is as follows:— In the receptacle A is placed a desired quantity of suitable cleansing material, such as

sand or sugar. The capsules to be cleaned are placed in the receptacle C, which is then closed by the lid F. The receptacle C is fitted into the receptacle A with the bead resting on the mouth of said receptacle. The device is then inverted and the cleaning material enters the receptacle C through the perforations E E. The device is then shaken briskly and the friction of the cleansing material quickly frees the surface of the capsules from any impurities thereon. The device is then restored to its original position whereupon the cleansing material returns to the receptacle A through the perforations E E, and the cleaned capsules may be easily removed from the receptacle C.

The construction above described is not only simple and economical to manufacture, but is readily cleansed. The materials employed in the manufacture of capsules are often sticky or highly colored, so that in order to prevent a different batch from being contaminated by the residuum left from the cleaning of the preceding one, it is absolutely necessary that all parts of the apparatus should be accessible, and as free as possible from interstices, in which such material is liable to be retained.

It will be noted that both the receptacle A, and the cover, as well as the receptacle C, afford complete access for cleaning purposes, and that the perforated sheet metal bottom of the receptacle has no interstices which render cleaning difficult.

Having thus described my invention, I claim:—

A capsule cleaner, comprising a cylindrical receptacle, a second cylindrical receptacle, having a perforated sheet metal bottom adapted to fit the mouth of said first receptacle, and a cover for said second receptacle, said three elements being separably removable; substantially as described.

In witness whereof I have hereunto signed my name at Philadelphia, State of Pennsylvania, this seventh day of May, A. D., 1906.

JOSEPH PERCY REMINGTON.

Witnesses:

JAMES H. BELL,
H. L. TAGGART.