Feb. 18, 1930. D. SARASON 1,747,391

ENEMA

Filed Sept. 12, 1928

Fig. 1.

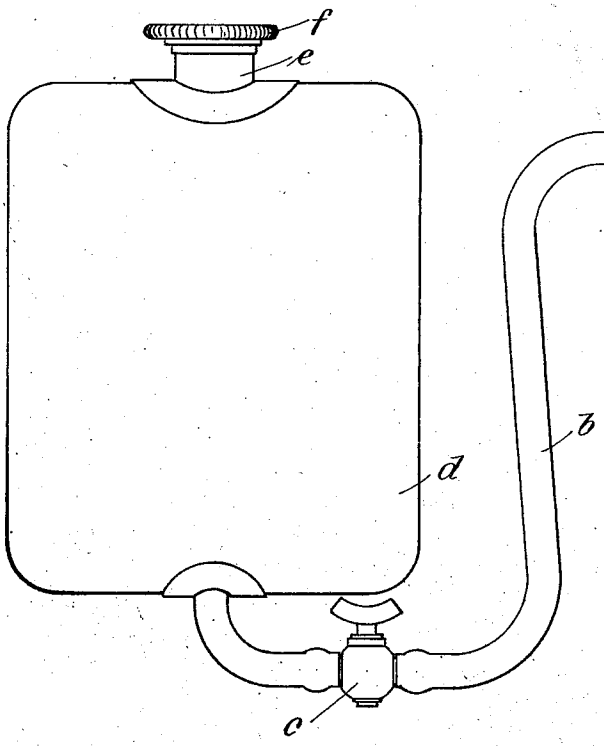
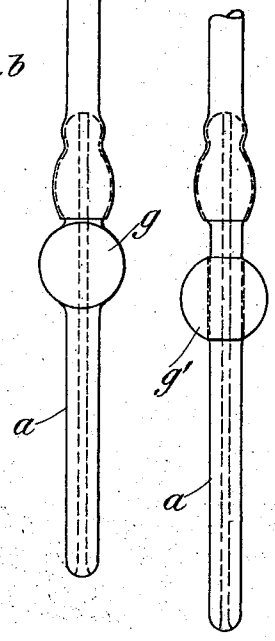


Fig. 2.



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ENEMA

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This invention relates to enemas and it has for its object to improve the enema so that the injection tube is connected by a hose to a yieldable water bag, this water bag having at the upper end a filling hole adapted to be closed by a screw stopper so that, the water bag being filled with water, this water can be forced into the intestinal canal when the filled water bag is being compressed. The water bag is adapted to be refilled without the necessity to remove the injection tube from the intestinal canal.

In the commonly used enema the injection tube is connected by a hose either with an irrigator vessel or with a suction- and pressure-ball or by a tube with a pressure ball.

The first mentioned arrangement is the least comfortable and the pressure effect obtained is rather defective. The second mentioned arrangement requires the use of a basin or the like from which the water has to be sucked in, to be pumped slowly into the intestinal canal by many suction- and pressure-strokes.

The rubber ball in the third arrangement is limited as regards size so that it has to be refilled repeatedly in which case, as the injection tube has to be withdrawn each time, the injection has to be interrupted for a comparatively long time, this being not only very uncomfortable but also bad as regards effect.

These inconveniences are avoided by the invention, and by means of the improved enema the injection can be given in one continual jet with any desired pressure and without any auxiliary means. The apparatus can be easily packed to be carried along on travelling.

Two embodiments of the invention are illustrated, by way of example, in the accompanying drawing, in which

Fig. 1 shows a complete enema in side elevation.

Fig. 2 shows a modified construction of the injection tube.

Referring to the drawings a designates the injection tube, b the rubber hose, c a shutting off element in this hose and d the water bag. This water bag has at the end opposite to the hose a wide filling opening e through which the water can be easily poured in and which is adapted to be tightly closed by a screw stopper f or the like. The water bag is made of yieldable waterproof material preferably of rubber, and it may be of such size that it can hold the quantity of water required for one injection. After the water bag has been filled the improved enema can be taken to any other place to be used, for instance to the water closet or into the bed.

After the injection tube a has been inserted into the intestinal canal the filled water bag d is compressed with both hands so that the total contents are forced into the intestinal canal. By applying sufficiently strong and continual pressure the great quantity of water can be forced in one jet so far into the intestinal canal as it has never been possible with the commonly used apparatus.

If the water bag should not hold a sufficiently large quantity of water for special cases the screw stopper has to be unscrewed and water to be filled in which is then forced into the intestinal canal, it being not necessary to remove the injection tube.

The injection tube has on the rear end a spherical thickening g which serves to hold the injection tube in the operative position. The person who uses the apparatus clamps the spherical thickening g, which may be rigidly fixed or shiftable, between the thighs and prevents thereby slipping out of the injection tube, both hands being free for operating the water bag.

According to Fig. 2 the thickening consists of a rubber ball g' shiftably mounted on the injection tube a. The length of the portion of the injection tube to be inserted can be determined with the aid of this shiftable rubber ball g'. The diameter of the bore of this rubber ball is selected so that it tightly fits on the injection tube and is secured by friction in any adjusted position.

The enema might evidently be used also for injecting water into cavities of the body, for instance into the vagina, to flush the same.

I claim:—

In an enema apparatus the combination with an injection tube of a yieldable water bag and a rubber hose connecting said injec-

tion tube with said water bag, said water bag having a filling opening and a closing screw and being adapted to force the water into said injection tube under pressure exerted with the hands, and a rubber ball slidable on said injection tube and adapted to be clamped between the thighs of the user and to hold said injection tube so that the user's hands are free for exerting the necessary pressure on the water bag.

In testimony whereof I affix my signature.

DAVID SARASON.