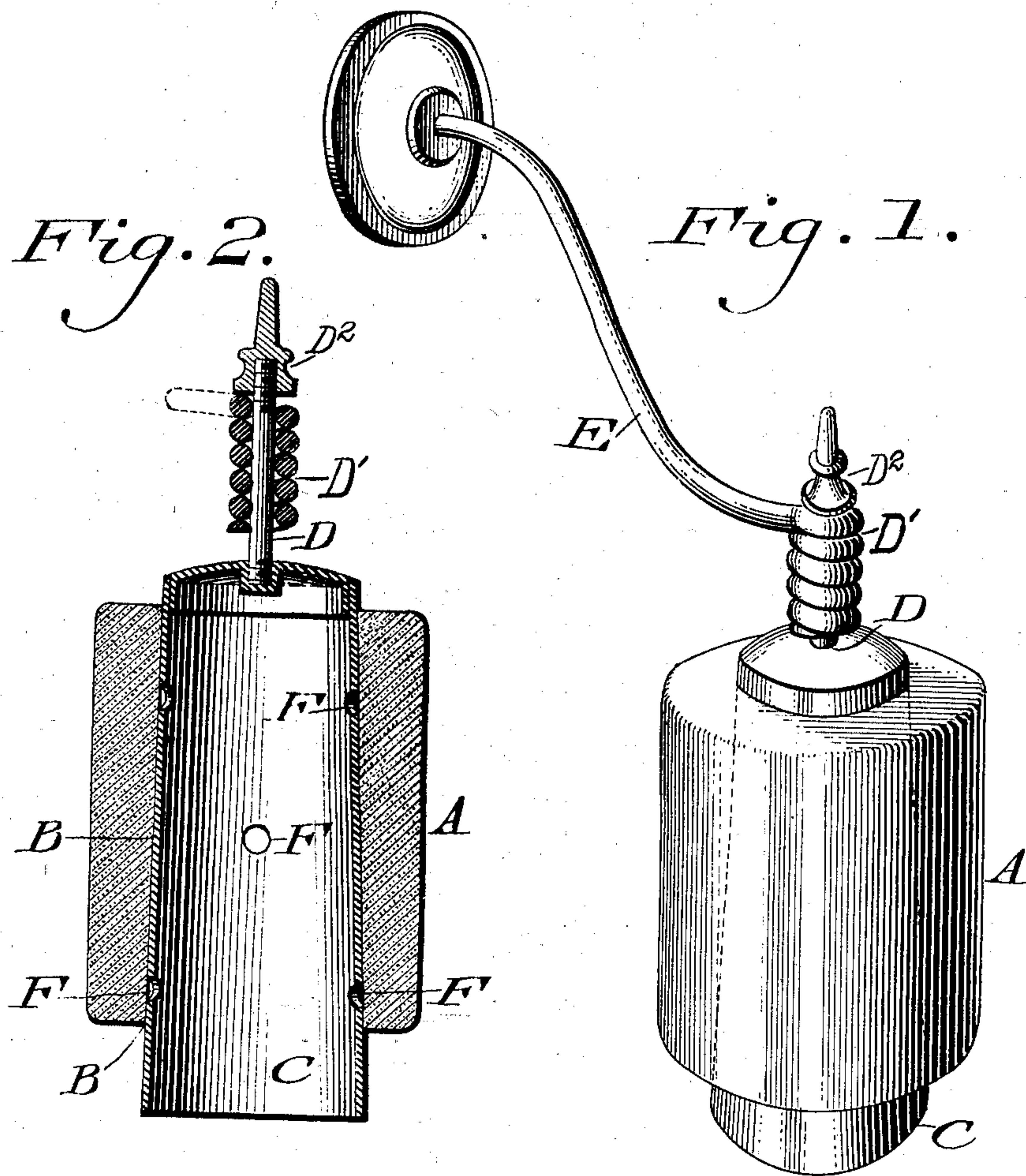


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PATENTED APR. 12, 1904.

E. M. GOLDSMITH.
SOAP AND SOAP HOLDER.
APPLICATION FILED MAY 22, 1902.

NO MODEL.



Witnesses
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UNITED STATES PATENT OFFICE.

EDWIN M. GOLDSMITH, OF PHILADELPHIA, PENNSYLVANIA.

SOAP AND SOAP-HOLDER.

SPECIFICATION forming part of Letters Patent No. 757,397, dated April 12, 1904.

Application filed May 22, 1902. Serial No. 108,529. (No model.)

To all whom it may concern:

Be it known that I, EDWIN M. GOLDSMITH, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented new and useful Improvements in Soap and Soap-Holders, of which the following is a specification.

My invention consists of a cake of soap which is so constructed as to be tightly and firmly held on a mandrel and adapted to revolve with the same, whereby the entire soap is presented for contact by the hands, so as to be conveniently and economically taken off as required for use, avoiding waste and softening, and other advantages are presented, as will be hereinafter set forth.

Figure 1 represents a perspective view of a cake of soap and a holder therefor embodying my invention. Fig. 2 represents a central vertical section thereof.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings, A designates a cylindrical piece or cake of soap having a bore B of conical or tapering form, the widest part or diameter of said bore being below, said bore being open at both ends.

C designates a shaft or mandrel which is exteriorly of conical or tapering form, the widest part or diameter thereof being below, the same being adapted to enter the bore B and having a head to which is firmly secured the journal D, which is mounted in an eye or bearing piece D' on an arm or bracket E, the latter being secured in position on a wall or other suitable place, said journal having on its upper end a nut D², forming a shoulder, which rests freely upon said bearing-piece and retains the journal in the same and holds the mandrel in suspended position, it being seen that the mandrel is suspended from said journal or pivot D and supported by said arm, said nut D² overlapping the top of the inner wall of the bearing D', thus preventing the journal from dropping, while not interfering with the rotation thereof, and owing to the tapering forms of the bore B and mandrel C the cake is wedged on and interlocked without requiring fastening means other than simple friction with the mandrel and carried

by the same, so as to revolve therewith when the cake is used, in which case the hand is rubbed over the soap and a desired quantity of the latter taken off for washing purposes, it being seen that the journal D, which is rigidly connected with the end of the mandrel, rotates on its bearings, so that the cake of soap will remain interlocked with the mandrel, and so not slip while in use, and, furthermore, said cake is suspended in such manner that it may readily drain, and so may be kept dry. It cannot rest on its side and soften and lose portion of itself by adhesion elsewhere or dropping into a basin, &c., and it may be economically used, the advantages of all of which are evident. The journal D is rigidly connected with the head of the mandrel and freely fitted in the tubular bearing-piece D', so as to permit the mandrel to rotate freely without liability of being wrenched from said journal, the nut or shoulder D² also rotating with said journal freely on the top of said bearing. When the soap is exhausted, the nut is unscrewed, the mandrel may be removed from its bearing, and a fresh cake fitted over the journal upon the mandrel and the latter restored to the arm E.

The mandrel C is tubular or hollow, so as to be easily constructed and be of light weight, while its interior is in communication with the atmosphere, its side wall being provided with perforations or openings F for ventilating the soap and assisting in drying the same from the interior thereof.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A suspended soap-holding device consisting of a vertically-arranged mandrel exteriorly of tapering form, the widest diameter of which is below, a vertically-extending journal rising from the head of said mandrel and rigidly connected therewith, a tubular piece in which said journal is freely mounted, means on said journal and detachable therefrom for retaining the latter suspended from said tubular piece and an arm secured to said tubular piece sustaining the same.

2. In a soap-holder, a tubular mandrel, exteriorly of tapering form, and interiorly open

to the atmosphere, and having a soap-ventilating recess in its wall, and a support on which said mandrel is pivotally mounted.

3. In a soap-holder, a tubular mandrel exteriorly of tapering form, the widest part of which is below, a head on said mandrel, a journal rising from said head, a bearing for said journal, an arm carrying said bearing, a removable shoulder connected with the upper end of said journal and overlapping the inner wall of said bearing, and rotatably sustaining said mandrel, said mandrel being interiorly open to the atmosphere and having a soap-ventilating recess in its side wall.

4. A cake of soap having a bore of tapering form, the widest part of which is below, said bore being open at both ends, a mandrel exteriorly of tapering form, a head on said mandrel, a journal rising from said head, a bearing for said journal, and a removable shoulder connected with said mandrel and overlapping the inner wall of said bearing, said mandrel being open to the atmosphere and having a recess in its side wall, adapted to ventilate said bore.

5. A cake of soap having a bore of tapering form, the widest part of which is below, said bore being open at both ends, in combination with a holding device for said cake, consisting of a vertically-arranged mandrel exteriorly of tapering form, the widest diameter of which is below, said cake being separately fitted on

said mandrel and depending freely thereon by wedging action, a vertically-extending journal rising from the head of said mandrel and rigidly connected therewith, a tubular piece in which said journal is freely mounted, means on said journal and detachable therefrom for retaining it in said tubular piece and an arm secured to said tubular piece sustaining the same.

6. A suspended soap-holding device consisting of a rotatable mandrel exteriorly of tapering form, the widest part of which is below and which is interiorly open to the atmosphere, a journal rising vertically from said mandrel, a bearing for said journal and a device detachably connected with said journal and riding freely on said bearing for supporting said mandrel.

7. A cake of soap having a bore of tapering form, said bore being open at both ends, in combination with a suspended soap-holding device, consisting of a mandrel exteriorly of tapering form, the widest part of which is below, and which is interiorly open to the atmosphere, and means detachably connected with and supporting said mandrel, said cake being separately fitted on said mandrel and depending freely thereon by wedging action.

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