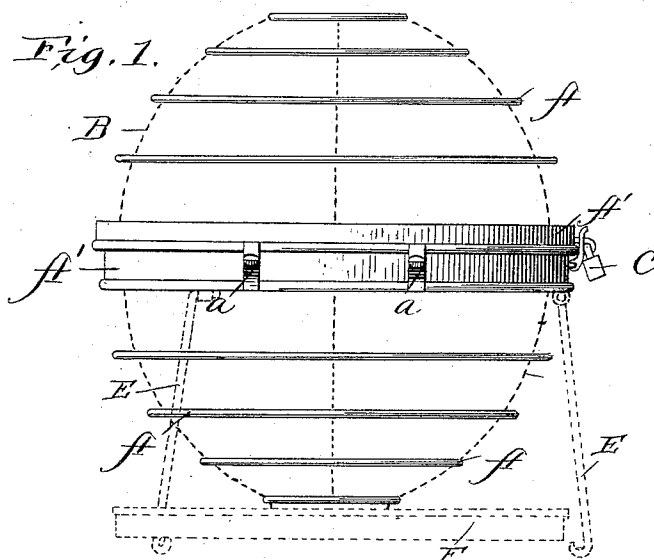
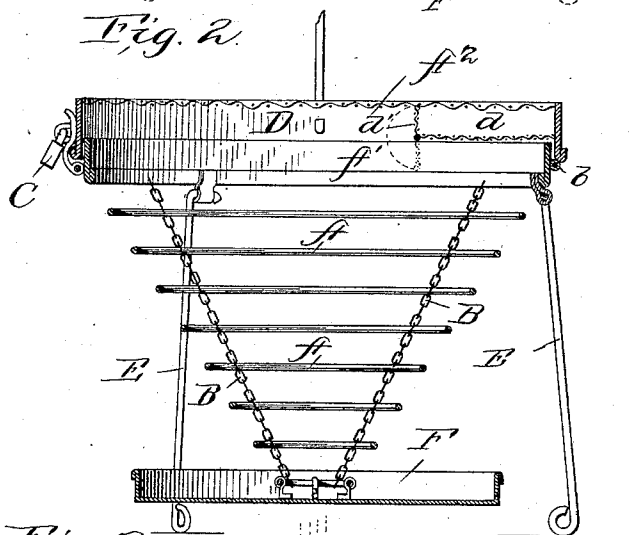
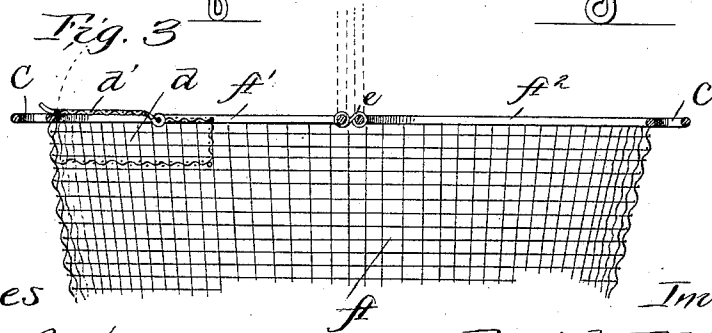


(No Model.)

D. F. W. QUAYLE.
SPONGE HOLDER.

No. 430,434.

Patented June 17, 1890.



Witnesses

Wm. P. Keene.
J. M. Spear

Inventor

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UNITED STATES PATENT OFFICE.

DANIEL F. W. QUAYLE, OF CASTLETOWN, ISLE OF MAN, ENGLAND.

Sponge-Holder.

SPECIFICATION forming part of Letters Patent No. 430,434, dated June 17, 1890.

Application filed October 18, 1889. Serial No. 327,410. (No model.) Patented in England August 1, 1888, No. 11,149.

To all whom it may concern:

Be it known that I, DANIEL F. W. QUAYLE, of Bridge House, Castletown, Isle of Man, Great Britain, have invented a new and useful Improvement in Sponge-Holders, (for which I have obtained a patent in Great Britain, No. 11,149, dated August 1, 1888;) and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention is designed especially for travelers' use; and it consists of a holder or receptacle adapted to receive a sponge and other articles, if desired, and provided with a locking device by which the articles contained may be kept strictly for private use.

Another feature of my invention is making the holder collapsible, so that it may be folded into small compass for packing within a trunk or satchel. A device intended to hold a sponge must be formed to permit free access of air thereto and the free escape of moisture, so that the sponge may become dry and pure, and for this purpose the device herein shown is made of open-work.

I have shown in the accompanying drawings several forms of holders embodying all the essential features referred to above.

Figure 1 represents a side view of a spherical form of collapsible holder. Fig. 2 is a vertical section of a modification. Fig. 3 is a sectional view of another modification.

Referring more particularly to Fig. 1, the holder consists of two central rings or hoops A', of non-oxidizable metal, hinged together, and each having in connection with it a series of smaller hoops A, the connection being made by cords, bands, chains, or like flexible mediums, as at B. These hoops are of successively smaller size, so that the general shape of the holder when distended and in use is spherical; but it will be understood that the principal of my invention may be embodied in holders of other shapes, as will be hereinafter shown.

The hinging of the two main hoops A' allows the holder to be opened for the reception of the sponge, and for the purpose of preventing use of the contained article by unauthorized persons a lock C is provided, which holds the two parts of the receptacle together and prevents the withdrawal of the sponge therefrom. Besides holding the sponge, the receptacle may be provided with suitable rests for

receiving other articles—such as a tooth-brush—and such rests are shown at *a* in Fig. 1, consisting of lugs or projections between which the article may be clipped when the holder is closed, and from which it may be released upon opening the receptacle. While the sponge may be securely inclosed by the receptacle, it will be noticed that at all times the air has free access thereto and the moisture is free to escape by reason of the open-work structure of the holder. Besides these desirable characteristics, another important quality lies in the collapsible feature of the receptacle, for when the sponge is removed the whole device may be folded into very small compass, the outside hoops lying within the main hoops, this being desirable for travelers to enable them to place the article within a satchel or the like; or, if desired, the sponge may be retained in the receptacle, and by applying pressure the whole device can be rendered small enough to be placed in any convenient corner of the trunk or satchel.

Fig. 2 illustrates a departure from the general shape of the device shown in Fig. 1, the form here being conical. The hoops A are secured to the hoop A' by the chains B, and the hoop A' constitutes the top and mouth of the receptacle, having hinged thereto a cover D, consisting of wire-netting secured to a band A². This band is hinged at *b* to the band A' and provided with a lock at C. Within this receptacle there is a supplemental receptacle or compartment *d*, located directly beneath the cover D and provided with a flap or door *d'*. This compartment is intended to receive a tooth-brush or the like and preserve it against use by unauthorized persons. E are hinged feet or supports capable of being folded against the hoops when the receptacle is collapsed. F is a tray for catching drips, which may be attached to the bottom ring of the receptacle. These parts, while shown with this modification, are applicable to the form shown in Fig. 1, as represented in dotted lines. Fig. 3 shows a further modification, the two-part top or cover being marked A' A², hinged together and under tension of spring *e*, which automatically opens the receptacle, as shown by full lines, when the parts are unlocked at C. A supplemental receptacle *d*, having a cover *d'*, is also provided in this form. The

body of the holder in this instance consists of the net-work bag A, made of strings, wire, chains, or other material which will admit of being wrapped about the rings A' A² when
5 closed.

The device may be suspended in any suitable manner.

What I claim is—

1. A sponge-holder consisting of a ring or
10 hoop, a body portion depending therefrom, said portion being collapsible and formed of open-work to permit the escape of moisture, and a hinged covering portion, substantially as described.

15 2. In a sponge-holder, the combination of a body portion of collapsible open-work, adapted to receive the sponge, a hinged covering portion, and supplemental means adapted to receive other articles, substantially as described.

20 3. In combination, the hoop or ring having connected thereto the open-work collapsible body consisting of a series of hoops joined by flexible connection, and a covering portion, substantially as described.

25 4. In combination, the hoop or ring having connected thereto the open-work collapsible

body portion consisting of a series of hoops joined by flexible connections, and a covering portion consisting of the hoop or ring with open-work connected therewith, substan- 30 tially as described.

5. In combination with the receptacle consisting of the open-work body portion and the open-work cover, the two parts being hinged together, and the lock C, whereby the escape 35 of moisture is permitted by evaporation and drainage while the article is locked from unauthorized persons, substantially as described.

6. In combination, the collapsible receptacle and the supports hinged thereto, substan- 40 tially as described.

7. In combination, the collapsible receptacle and the tray F, positioned below the same and secured thereto, substantially as de- 45 scribed.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

DANIEL F. W. QUAYLE.

Witnesses:

WILLIAM QUAYLE,

SAMUEL LINDOW BURNS LINDOW.