

J. J. McNALLY.
SOAP HOLDER.

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915,876.

Patented Mar. 23, 1909.

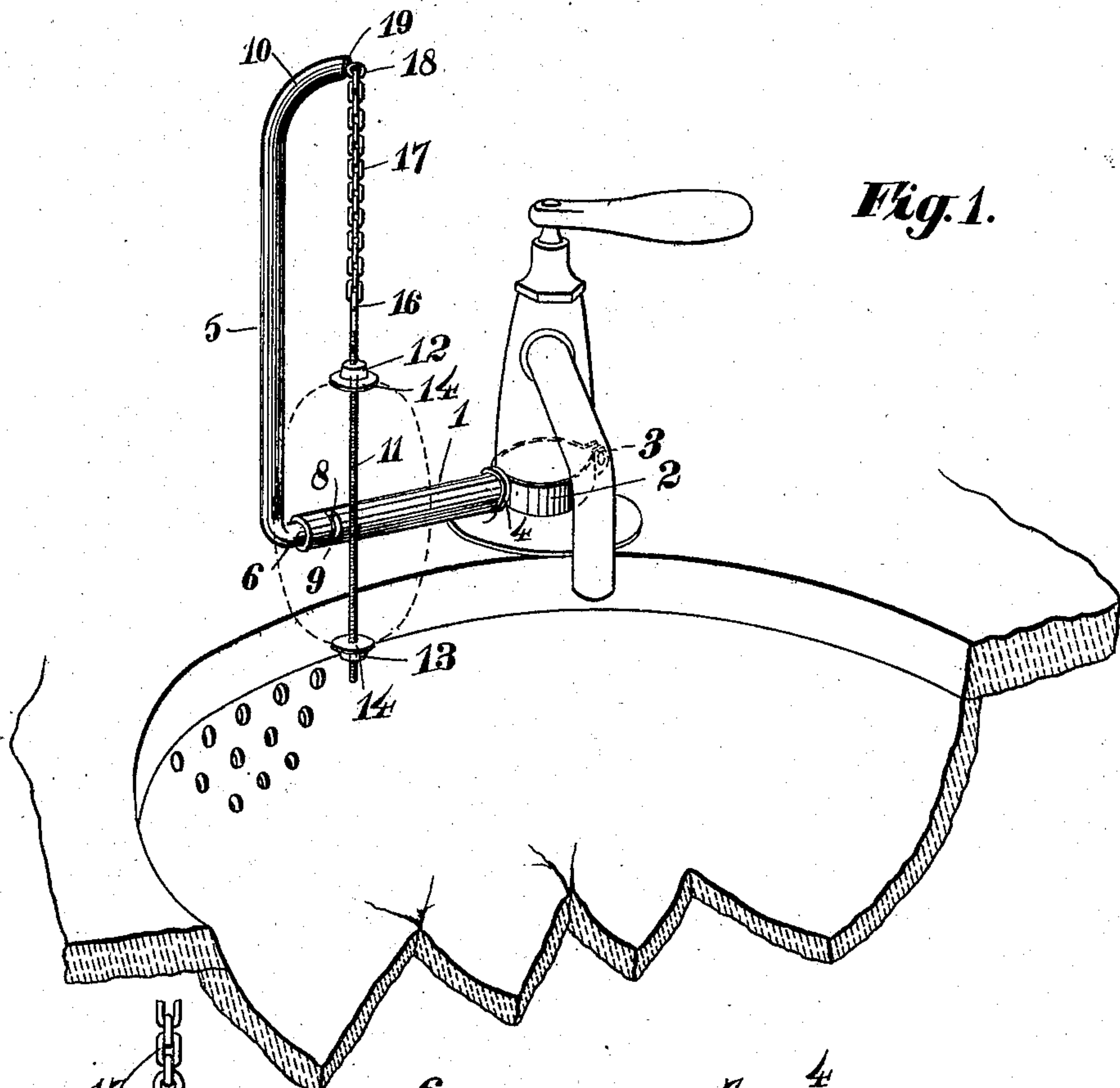


Fig. 1.

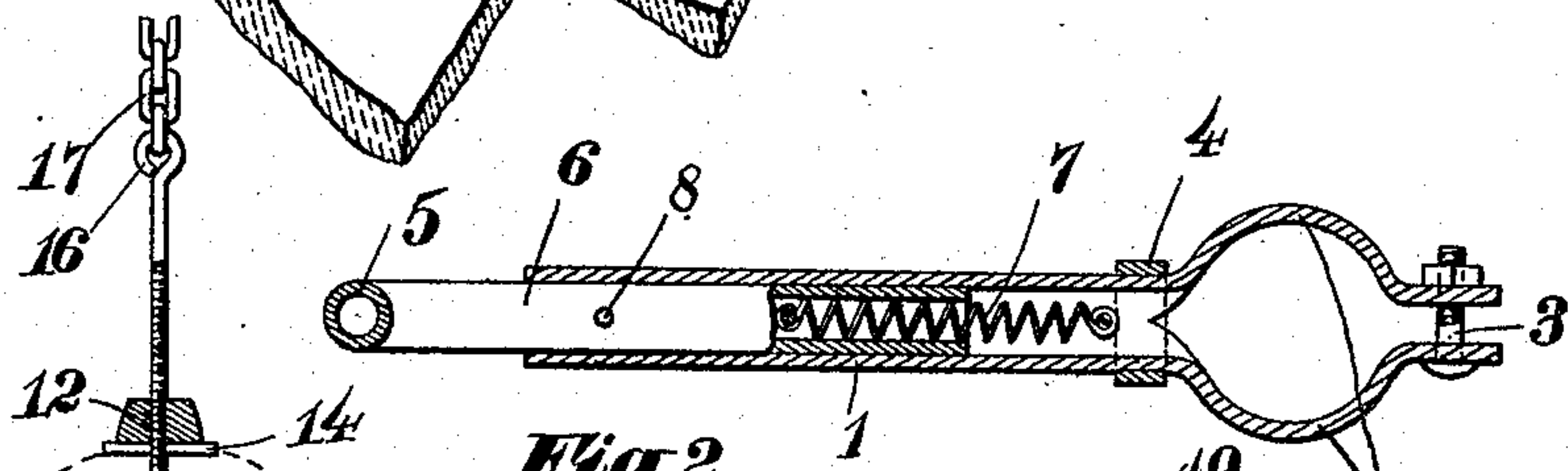


Fig. 2.

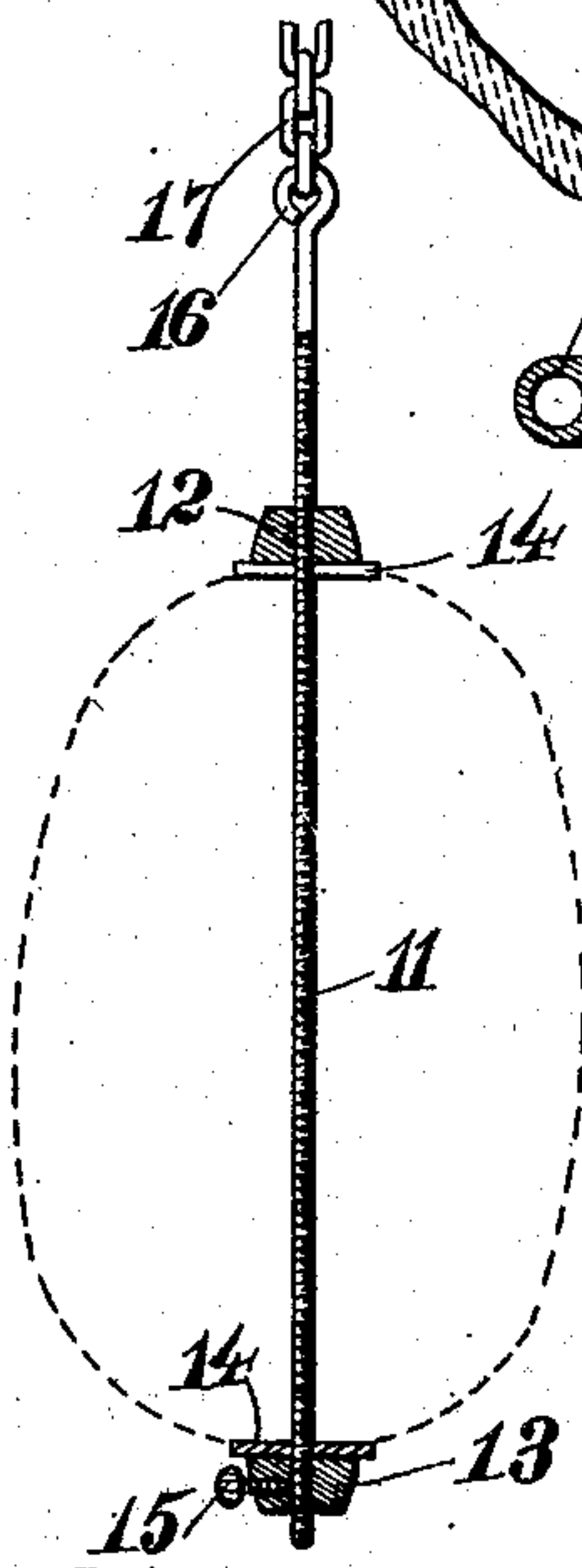


Fig. 3.

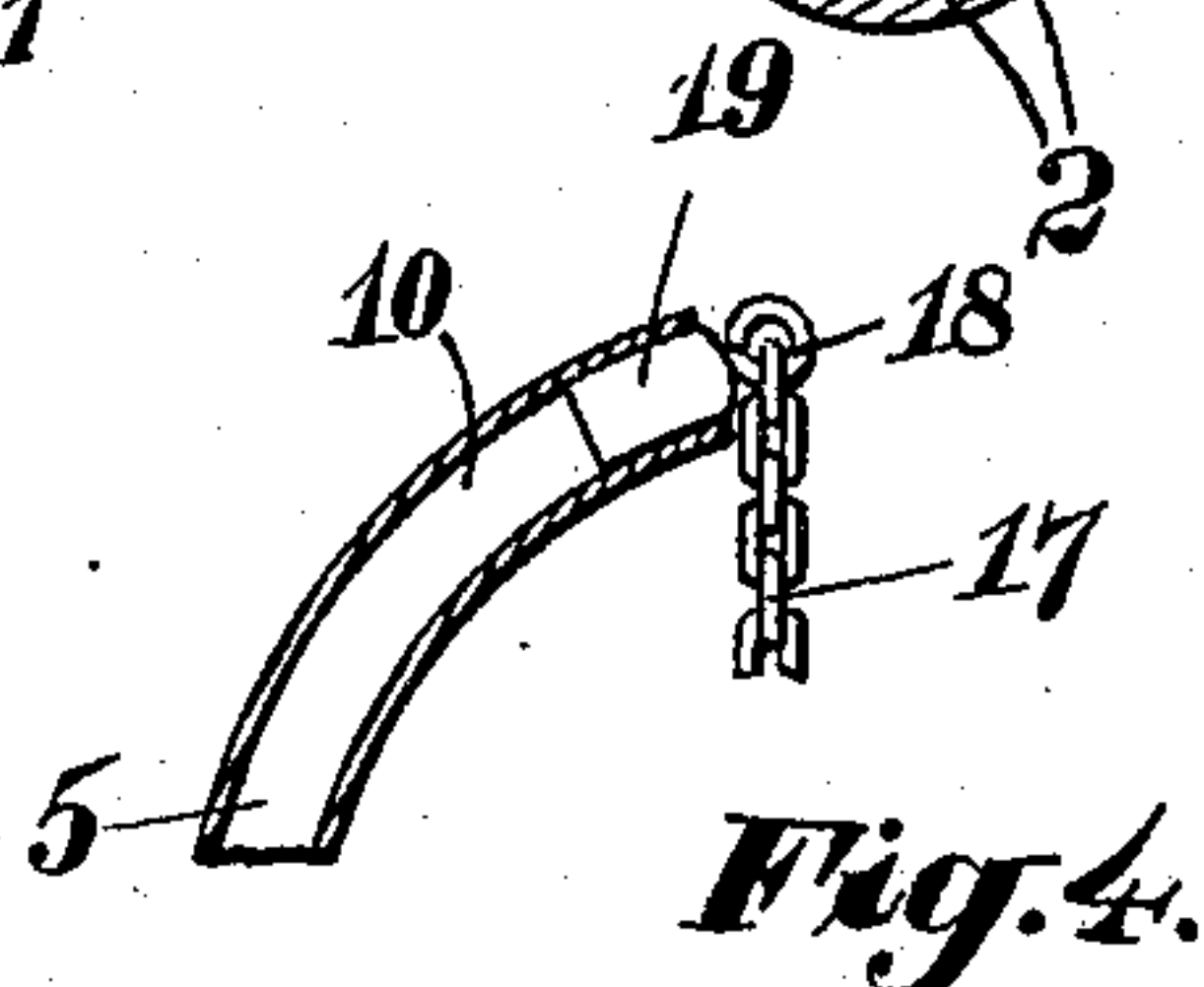


Fig. 4.

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UNITED STATES PATENT OFFICE.

JOHN J. McNALLY, OF CHICAGO, ILLINOIS.

SOAP-HOLDER.

No. 915,876.

Specification of Letters Patent.

Patented March 23, 1909.

Application filed January 13, 1908. Serial No. 410,469.

To all whom it may concern:

Be it known that I, JOHN J. McNALLY, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Soap-Holders, of which the following is a specification.

My invention relates to soap holders, that is, devices for flexibly attaching a cake of soap adjacent to a wash basin in such a manner that it may be conveniently used but secured against accidental or intentional removal.

The object of my invention is to provide a soap holder of the class mentioned which may be readily attached to the faucet of a wash basin instead of a back slab or the adjacent wall, to the end that the slab or wall shall not be marred, and that the soap may overhang the basin without necessitating a long arm or bracket extending from the wall or slab.

A further object of my invention is to provide a soap holder of such construction that the soap may be immersed in the water contained in the basin, while held in the hand, but which will immediately return to a position above the basin as soon as released.

A further object of my invention is to provide a soap holder wherein the locking device may be removed from the supporting device to facilitate attaching a fresh cake of soap.

Other objects will appear hereinafter.

My invention further consists in various details of construction and arrangements of parts all as will be hereinafter fully described and particularly pointed out in the claims.

My invention will be more readily understood by reference to the accompanying drawings forming a part of this specification and in which,

Figure 1 is a perspective view of a soap holder embodying my invention in its preferred form, illustrating the same secured to the faucet of a wash basin, Fig. 2 is a detail sectional view illustrating the spring connection between the arm and the bracket, Fig. 3 is a detail of the soap holder proper, and Fig. 4 is a detail view illustrating the connection between the soap holder and the bracket.

Referring to the drawings, 1 indicates, an arm provided with suitable means for attaching the same to the faucet of a wash basin. This is preferably horizontal and comprises a

tubular member split at one end forming the clamp, 2 by which it is attached to the faucet, 3 indicating a bolt for tightening the clamp thereon. To prevent splitting of the tube beyond the clamp, I provide the arm with a ring or collar, 4 which may be secured upon the arm in any suitable manner as by sweating or brazing.

The bracket comprises a preferably straight arm, 5 having its lower end, 6 bent at right angles thereto and swiveled in the tubular arm, 1. The arm, 5 is normally held in vertical position by a spring, 7 arranged within the telescoped portions, 1 and 6. A pin, 8 on the portion, 6 of the bracket and a slot, 9 in the arm, 1 limits the swing of the bracket. The soap is flexibly connected to the upper end of the arm, 5 and when the arm is in normal or raised position, the soap is held above the level of the top of the basin, however, when the soap is held in the hands it may be readily immersed in the water in the basin, the arm, 5 being readily turned downwardly against the tension of the spring, 7. As soon as the soap is released it immediately returns to normal position above the basin. By this construction, the soap may be used as conveniently as an unattached bar and further will be prevented from lying in the water. I prefer that the arm, 1 shall not extend over the basin opening and that the soap shall overhang the same in order that the drippings shall enter the basin instead of dropping upon the slab, also that the soap shall hang away from the bracket. To this end, the end of the arm, 5 to which the soap holder proper is connected is slightly bent toward the basin as at 10.

One of the objects of my invention is to provide a soap holder which may be readily attached to a cake of soap of any shape or style without necessitating the employment of auxiliary tools for this purpose. The soap holder comprises a small threaded rod, 11 of sufficient length to extend through any ordinary cake of soap and equipped with means for securing the soap thereto. Threaded upon the rod are a pair of nuts, 12 and 13 between which the soap is held and if preferred the washers, 14 may also be employed. To attach the soap, the nut, 13 is removed from the rod and the rod punched or screwed through the cake of soap after which the nut 13 is replaced, the nut, 12 remaining upon the rod. After the nut, 13 is screwed up tightly against the soap, a set

screw, 15 provided therein is tightened to prevent removal of the nut and the soap. However, the screw, 15 is not necessary but may be employed if desired, although the nut, 13 is not readily removed as it is always soapy and not easily held with sufficient firmness to remove it. The upper end of the rod, 11 is provided with an eye, 16 to which a short chain, 17 is attached, the opposite end of the chain being secured to an eye, 18 at the upper end of the arm, 5. If preferred the eye, 18 may be fixedly connected to the arm but I prefer to have the same removable in order that the soap holder may be detached therefrom to attach a fresh cake of soap. To this end, the eye, 18 is formed upon a plug, 19 which is inserted in the end of the arm as illustrated in Fig. 4.

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

1. In a device of the class described a tubular arm having a clamp at one end for attaching the same to a faucet to hold said arm in horizontal position, a bracket comprising a tube bent to form a horizontal portion arranged within said tubular arm and a vertical portion, a spring arranged within said horizontal portion and said arm for maintaining the vertical portion in vertical position, a soap holder and a flexible connection between the upper end of said vertical portion and said holder, substantially as described.

2. In a device of the class described, a horizontally disposed tubular arm having a clamp formed upon the end thereof to engage a faucet in combination with a bracket comprising a tube bent to form a horizontal portion rotatably mounted in said arm, and a substantially vertical portion, a spring ar-

ranged within said horizontal portion and said arm for yieldingly holding said vertical portion in raised position, means for limiting the swing of said bracket, a soap holder and a flexible connection between said soap holder and the upper end of said bracket, substantially as described.

3. In a device of the class described, a tubular arm split at the end and curved to form a clamp for attaching the same to a faucet, and a band surrounding said arm adjacent to the end of the split portion to prevent further splitting of the arm, in combination with a bracket comprising a tube bent to form a horizontal portion rotatably mounted in the end of said arm, and a portion at right angles thereto, said arm being provided with a slot and the horizontal portion of the bracket with a pin to limit the rotary movement of said bracket, a spring arranged within said arm and the therein contained portion of the bracket for maintaining said bracket in raised position and a soap holder secured at the end of said arm, substantially as described.

4. In a device of the class described, an arm having a clamp for attaching the same to a faucet, a bracket pivotally connected thereto and yieldingly held in raised position, said bracket being tubular, a soap holder, a removable plug arranged in the upper end of said tubular bracket, and a flexible connection between said soap holder and said plug, substantially as described.

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

JOHN J. McNALLY.

Witnesses:

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