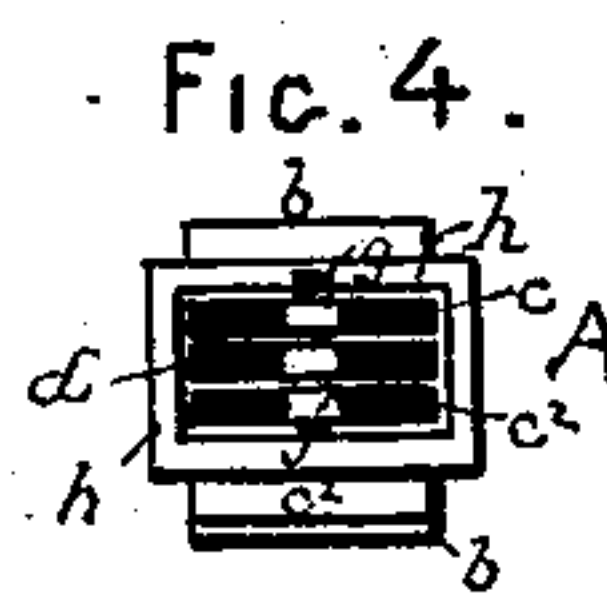
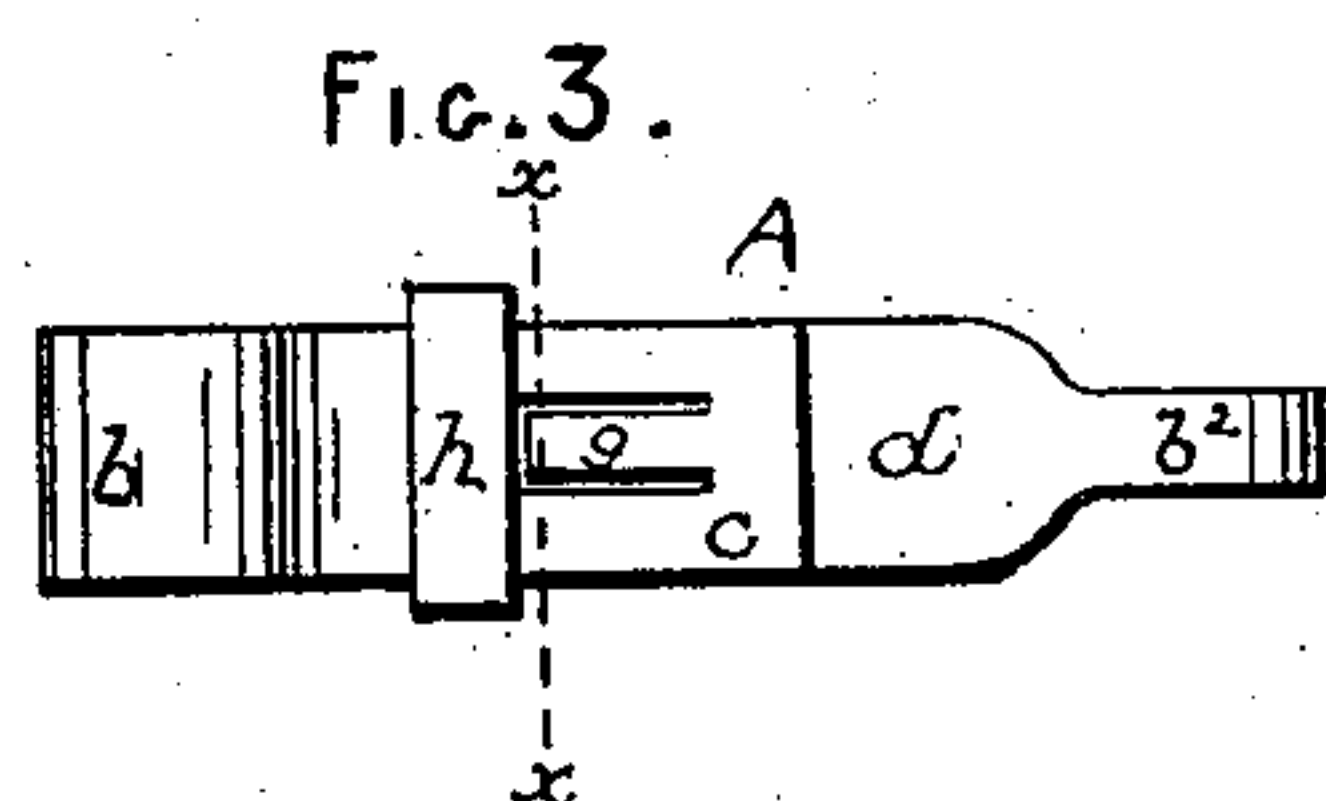
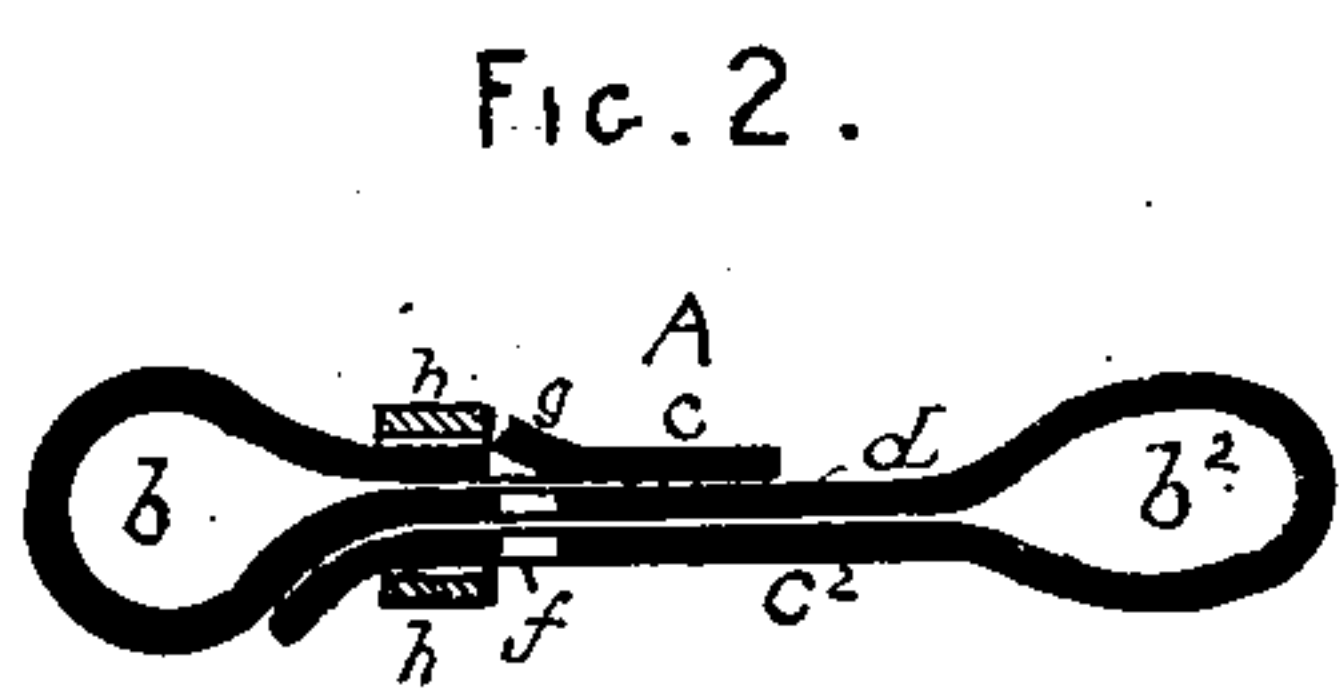
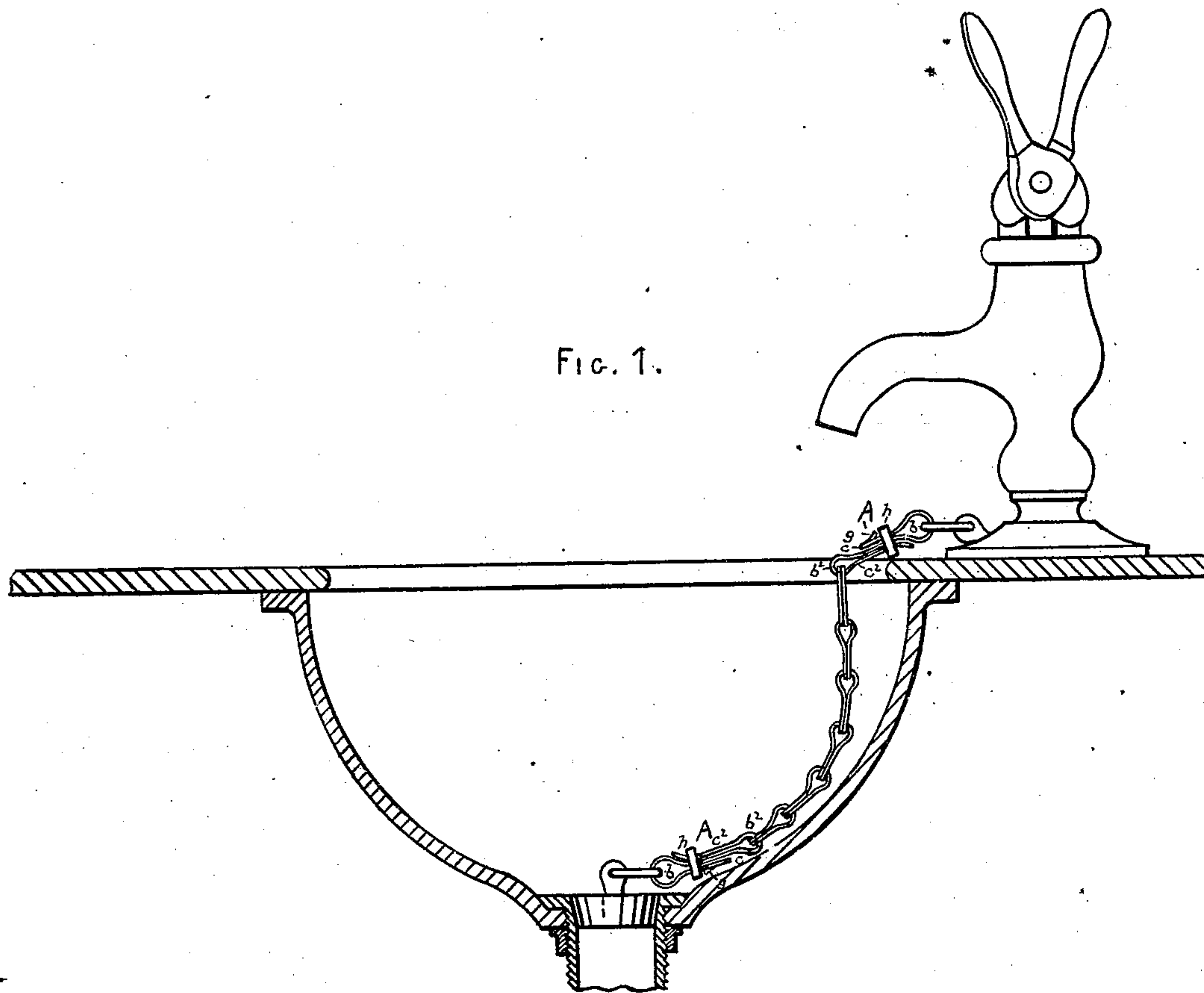


P. W. DOHERTY.
Clasp or Link.

No. 226,725.

Patented April 20, 1880.



WITNESSES.

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UNITED STATES PATENT OFFICE.

PATRICK W. DOHERTY, OF BOSTON, MASSACHUSETTS.

CLASP OR LINK.

SPECIFICATION forming part of Letters Patent No. 226,725, dated April 20, 1880.

Application filed December 31, 1879.

To all whom it may concern:

Be it known that I, PATRICK W. DOHERTY, of Boston, in the county of Suffolk and State of Massachusetts, have invented a certain new and useful Improved Clasp or Link, of which the following is a full, clear, and exact description.

This improved clasp or link is composed of a strip of sheet metal having two loops formed therein by bending said strip back upon itself, so that its ends will lie against opposite sides of its middle or body portion, and a movable band embracing said middle and bent-back end portions and holding them together, as hereinafter more fully described.

In the accompanying plate of drawings my improved clasp or link is illustrated, Figure 1 being a central vertical section of a fixed wash-bowl having two clasps or links of my improved construction, the one connecting a chain at one end to the stopper of the waste-pipe, and the other connecting the same chain at the other end to an eye of a faucet-standard; Fig. 2, a central longitudinal section of the improved clasp shown in Fig. 1; Fig. 3, a side view, and Fig. 4 a cross-section on line x , Fig. 3.

In the drawings, A represents a clasp or link of my improved construction. This clasp or link is made of a strip of sheet metal bent to form two loops, b b^2 , and to bring its portions c c^2 beyond such loops to and against its portion d , which is between the two loops. One end portion, c , lies against the one side, and the other end portion, c^2 , against the other side, of the middle portion, d . The end portion c^2 is bent upward and overlaps in part the loop b , and it has a hole, f , which hole extends through it and also through the middle portion, d , and is opposite to a tongue-piece, g , in the end portion c .

h is a band which encircles the combined thickness of the end portions, c c^2 , and middle portion, d , of the clasp A, and is free to slide thereon, and when between the tongue-piece g and loop b is secured against movement in the one direction by throwing out the tongue-piece g , and in the other direction by the loop b .

With the tongue-piece forced in and made flush with the end portion c the band is free to be moved, and by sliding it off of the end

portion c the loop b is free to be opened, and by then further sliding it (the band h) between the end portion c and middle portion, d , and off of the end portion c^2 , the other loop, b^2 , is free to be opened. Thus each loop is adapted to be attached to a ring, eye, &c., which being done the loops are closed against their escape by properly moving the slide or band until it is brought over the three thicknesses, when, throwing out the tongue-piece g , the slide h , by it and the loop b , is secured against movement.

Again, under the construction above described, each leg or end portion, c c^2 , of the clasp is held from being pulled through the slide, the one, c , because of the projecting tongue-piece g , and the other, c^2 , because of its bent-up portion partially overlapping the loop b . Each end portion, c c^2 , may be bent over and about the clasp or slide-band h , and thus secure the slide against movement and the end portions, c c^2 , from being pulled through under strains upon the loops.

In all cases the portions of the strip which lie against each other are attached together by means which permit the loop or loops formed by bending the metal strip to be readily opened, so that a ring, eye, chain, &c., may be readily connected and disconnected, and all in a manner that when attached together they are secure against accidental detachment or strain upon them or the loop or loops, as the case may be, made by bending the metal strips.

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

A slide or link composed of a strip of sheet metal, having loops b b^2 formed therein by bending the strip back upon itself, and the ends of said strip laid against opposite sides of the middle portion, d , of the same between said loops, and the movable band h , encircling the body or middle and bent-back portions and holding them together, substantially as described.

P. W. DOHERTY.

Witnesses:

W. S. BELLOWS,
EDWIN W. BROWN.