

No. 713,344.

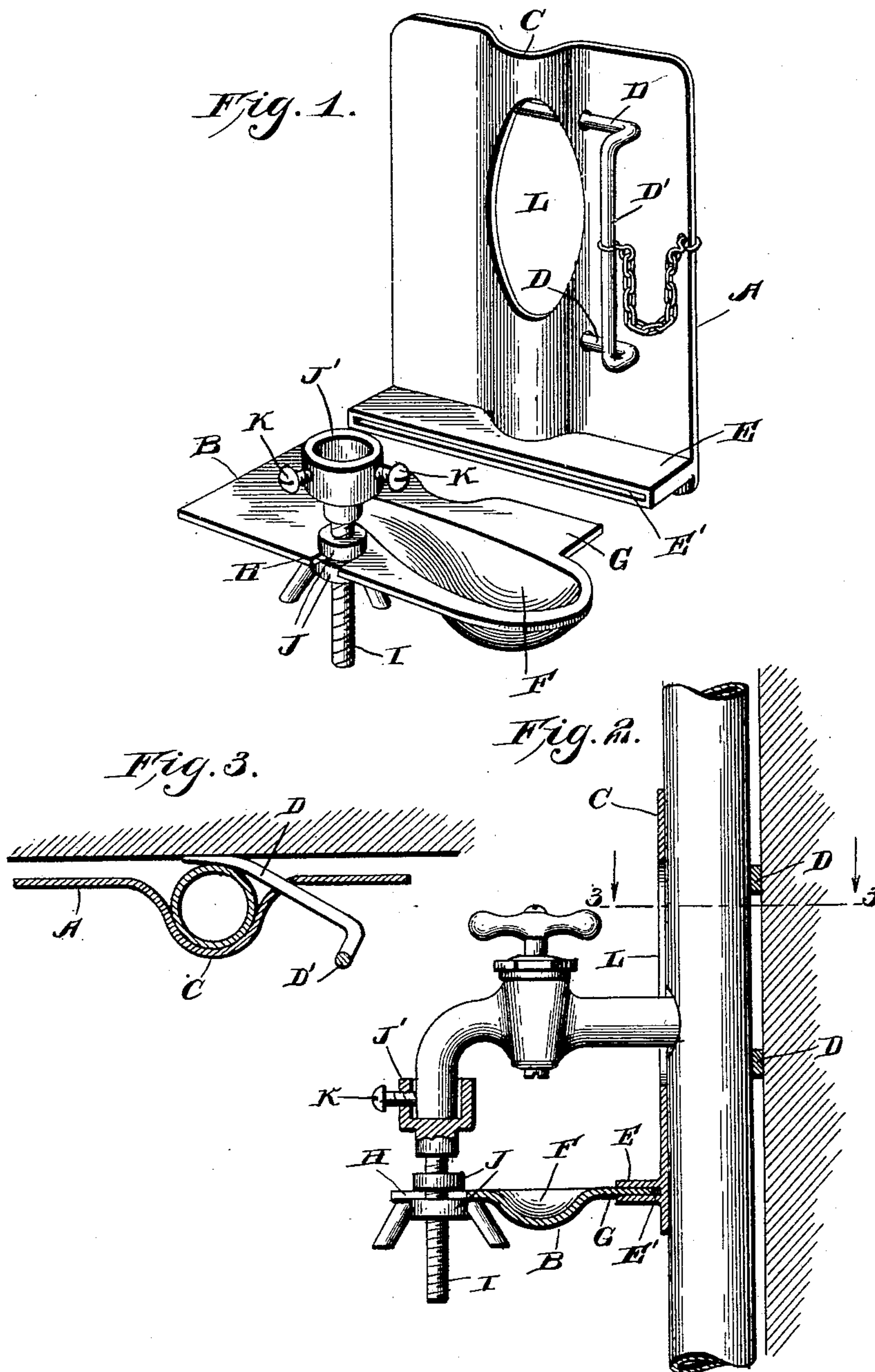
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J. G. PORCH.

COMBINED FAUCET HOLDER AND SOLDER RETAINER.

(Application filed Feb. 8, 1902.)

(No Model.)



Witnesses:

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UNITED STATES PATENT OFFICE.

JAMES G. PORCH, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO HENRY H. OTTENS, OF PHILADELPHIA, PENNSYLVANIA.

COMBINED FAUCET-HOLDER AND SOLDER-RETAINER.

SPECIFICATION forming part of Letters Patent No. 713,344, dated November 11, 1902.

Application filed February 8, 1902. Serial No. 93,152. (No model.)

To all whom it may concern:

Be it known that I, JAMES G. PORCH, a citizen of the United States, residing at Philadelphia, county of Philadelphia, and State of Pennsylvania, have invented a certain new and useful Improvement in a Combined Faucet-Holder and Solder-Retainer, of which the following is a specification.

My invention relates to a new and useful improvement in a combined faucet-holder and solder-retainer, and has for its object to provide a simple and effective device of this description which is designed for plumbers' use in attaching a faucet to a water-pipe over a sink; and its purpose is to hold the faucet in position while the same is being attached to the pipe and also to catch and retain the solder which will drop while the joint is being made.

With these ends in view this invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claims.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, the construction and operation will now be described in detail, referring to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a perspective view of my device, showing the two parts of which it consists separated one from the other. Fig. 2 is a vertical section through my device, showing the same applied to a pipe and the faucet held in position to be attached thereto; Fig. 3, a section on the line 3 3 of Fig. 2.

In attaching faucets to the water-pipe above a sink where lead pipe is used the faucet is always attached by means of a wiped joint. In making a joint of this description it is very desirable that the faucet shall be held rigidly in position, so as to leave the operator's hands free in making the joint, and in making this joint the lead when wiped off will fall downward into the sink and either pass down the waste-pipe, if the same is not covered, or be scattered over the sink, so as to make it very hard to reclaim.

In my invention I provide an apparatus

which is made in two parts A and B, which may be easily attached to or detached from one another, and when detached may be folded together and easily carried in the plumber's kit; but when the two parts are together and secured to the pipe the part B is provided with a socket, which will hold the faucet rigidly in position, and this part is also provided with a basin to catch the waste solder. The part A is bent outward in the middle, so as to form the half-round bulging portion C, and this extends vertically from the top to the bottom of the part A, which part is preferably constructed of thin sheet metal. This bulged-out portion is adapted to fit over the water-pipe, and through the sides of the bulging portion C are provided holes through which project wedge-shaped legs D, which are joined together at the outside by the cross-bar D', and after the part A is placed against the pipe the wedge-shaped legs D are pressed inward, so as to wedge these legs behind the pipe, which will hold the part A rigidly to said pipe. To the front face of the lower end of the part A is a projecting portion E, which has formed therein a recess E'. The part B consists of thin sheet metal stamped so as to form a basin F, and this basin would be depressed from the plate of thin metal, so as to leave a flange surrounding the basin on all sides. At the rear this flange is formed somewhat longer, as represented at G, and this extended portion of the flange is adapted to fit within the recess E' of the part A, so as to join the two parts together, the part B lying then in a horizontal plane and the part A in a vertical plane or at right angles to one another. A slot H is formed in the forward flange of the part B, surrounding the basin, and in this slot is adapted to fit the vertical screw-threaded rod I, which is held in position upon the flange by means of thumb-nuts J, threaded upon the screw-threaded rod I above and below the flange. Upon the upper end of the screw-threaded rod I is formed a socket J', into which the nozzle of the faucet to be held is adapted to fit. Then this faucet is clamped in position by screws K, which pass through the walls of the socket and impinge against the nozzle of the faucet.

This socket may be adjusted vertically by screwing the screw-threaded rod upward or downward through the thumb-nuts J, or the socket may be adjusted backward or forward
5 by loosening the nuts and sliding the same within the slot H.

L is a vertically-elongated opening formed through the bulging portion C of the part A, so that when said part A is secured to the
10 pipe the pipe is exposed through said opening, so that the faucet may be secured thereto, and this opening is of such a shape that after the faucet has been secured to the pipe and it is desired to remove the part A said part
15 can be easily slid over the faucet, and thereby removed.

The advantage of my invention will be at once apparent to any plumber or any one skilled in such art, as the device not only en-
20 ables the operator to hold the faucet in the exact position required, but also catches and retains all waste solder, thereby causing a saving of the solder and also reducing the liability of the woodwork from becoming burned
25 by solder spattering. The part A will also shield the woodwork immediately surrounding the pipe.

Of course I do not wish to be limited to the exact construction here shown, as slight
30 modifications could be made without departing from the spirit of my invention.

Having thus fully described my invention, what I claim as new and useful is—

1. A combined faucet-holder and solder-
35 retainer consisting of a vertical portion and a horizontal portion, means for attaching the vertical portion to the supply-pipe, an adjustable socket carried by the horizontal portion for holding the faucet in position, a ba-
40 sin or receptacle formed in the horizontal portion for the purpose of catching and retaining waste solder, substantially as and for the purpose specified.

2. A combined faucet-holder and solder-
45 retainer consisting of the vertical portion A and a removable horizontal portion B, means

for securing these two members together, the vertical member bent in the center so as to form a recess at the rear adapted to fit over the supply-pipe, means for securing said ver-
50 tical portion to the supply-pipe, an opening formed through the bulging portion of the vertical member, an adjustable socket carried by the horizontal member, and a basin formed with the horizontal member, as and
55 for the purpose specified.

3. In a device of the character described, a vertical member, said vertical member being bulged outward in the center so as to form a vertical recess adapted to fit over the
60 supply-pipe, an opening formed through the bulging part of said vertical member, said bulging portion being provided with holes through the sides, wedge-shaped legs protruding through the holes, said legs being
65 connected together upon the outside, a projection extending outward from the front face at the lower end of the vertical member, a horizontal recess formed in said projection, a horizontal member, a flange formed with
70 said horizontal member at the rear adapted to fit within the horizontal recess of the vertical member, a flange formed upon the forward edge of the horizontal member, said flange being provided with a slot, a screw-
75 threaded rod fitting within said slot, thumb-nuts threaded upon said screw-threaded rod above and below the flange, a socket secured to the upper end of the screw-threaded rod, set-screws threaded through the walls of the
80 socket adapted to engage and hold the nozzle of the faucet, and a basin carried by the horizontal member, substantially as and for the purpose specified.

In testimony whereof I have hereunto af-
85 fixed my signature in the presence of two subscribing witnesses.

JAMES G. PORCH.

Witnesses:

H. B. HALLOCK,
L. W. MORRISON.