H. SAVAGE.

FAUCET ATTACHMENT.

APPLICATION FILED JUNE 8, 1910.

997,858. Patented July 11, 1911.

Fig. 1.

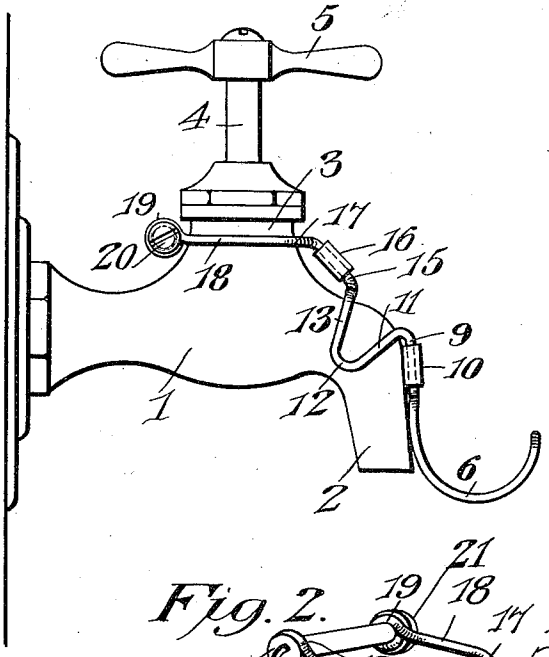


Fig. 2.

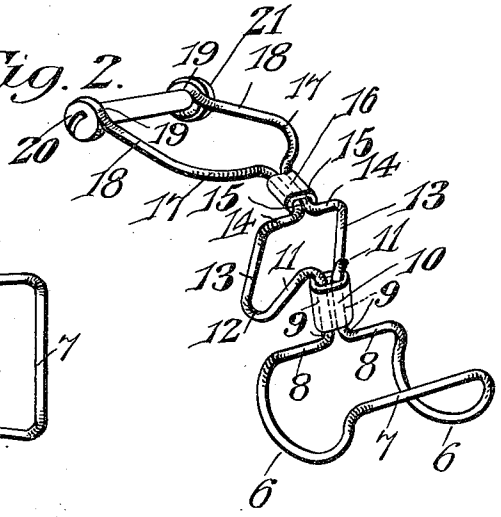


Fig. 3.

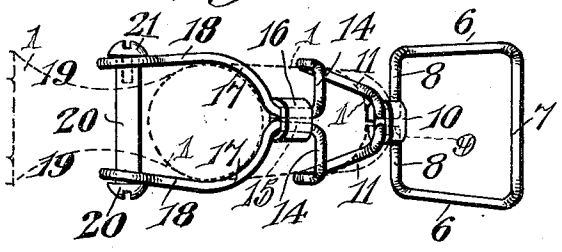
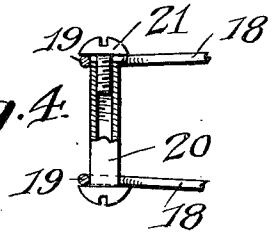


Fig. 4.



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FAUCET ATTACHMENT.

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To all whom it may concern:

Be it known that I, HERBERT SAVAGE, citizen of the United States, residing at Lowell, in the county of Middlesex and State of Massachusetts, have invented a new and useful Faucet Attachment, of which the following is a specification.

My invention is an attachment for faucets by the use of which kettles, pails or other receptacles may be suspended in position to receive water from the faucet, thereby avoiding the necessity of the user holding the receptacle against the faucet or under the same.

The invention seeks to provide a device having the stated function which will be simple and inexpensive, which may be readily applied to any faucet, and which, when in position, will rigidly support the receptacle without depending upon the weight of the receptacle to retain the attachment in place, and without interference with any filter attachments which may be used in the faucet.

A device embodying my improvements is illustrated in the accompanying drawings, and the invention consists in certain novel features of the same which will be hereinafter first fully described and then more particularly pointed out in the appended claims.

In the drawings,—Figure 1 is a side elevation of a faucet showing my attachment applied thereto. Fig. 2 is a perspective view of the attachment removed from the faucet. Fig. 3 is a plan view of the faucet, and Fig. 4 is a detail sectional view of the securing means.

The faucet may be of any desired type, and in the drawings I have illustrated an ordinary kitchen faucet comprising a body 1 having a discharge spout 2 at its front end and having a dome 3 in which is mounted a valve stem 4 equipped with a handle 5.

In carrying out my invention, I employ a single length of stout wire which at short distances from its center is bent to provide the inverted arches 6 connected by a straight central bar 7. At the ends of the inverted arches 6 the wire is bent inward to provide the bars 8 arranged substantially parallel to the connecting bar 7, the resulting structure being a hook shaped bail-engaging portion, as clearly shown in Fig. 1. The wire is carried upward from the inner meeting ends of the cross bars 8 a short distance, as indicated at 9, and these straight portions are connected by a clip 10 which may be soldered to the wires so as to form a rigid and strong support for the attachment, it being understood that the said straight portions 9 and the clip are disposed in a plane coincident with the plane of the upper rear portions of the inverted arches 6, as shown clearly in Fig. 1, so as to fit closely against the front side of the discharge spout 2 of the faucet and thereby aid in rigidly supporting the attachment in its proper position. At the upper ends of the straight portions 9, the wire is bent sharply outward and downward, as shown at 11, and then curved rearwardly and upwardly, as at 12, and then carried upwardly to provide the straight side arms 13 from the upper ends of which it is bent inward, as at 14, the portions 11, 12, 13 and 14 constituting a saddle which will fit over the crown or bend of the faucet and closely engage the sides of the same so as to serve as a brace as well as a support for the attachment when it is in position on the faucet, as will be readily understood on reference to Fig. 1. From the inner ends of the inwardly extending portions or shoulders 14 the wire is carried upward presenting the straight parallel portions 15 around which a clip 16, similar to the clip 10, is secured, and immediately above the clip 16 the wire is carried outward in semi-circular form, as at 17, to provide the arms 18 which embrace the dome 3 of the faucet and terminate in eyes 19 through which fastening bolts are inserted in rear of the dome to secure the device in place.

Upon reference to Fig. 4 it will be observed that the fastening employed by me consists of a female screw 20 inserted through one of the eyes 10 and a male screw 21 inserted through the opposite eye and engaging the female screw. By applying a screw driver to either screw and turning the same the two screws will be caused to work together so as to bind the clamping arms 18 firmly around the dome of the faucet and securely attach the device to the faucet.

It will be noted that the clips 16 and 10 constitute rigid connections between the straight portions 15 and 9, respectively, of the wire, so that the adjustment of the clamping arms 18 through the fastening bolt cannot affect either the saddle or the hook;

and, moreover, the saddle is thereby spaced from the arms and in turn is spaced from the hook.

The use of the device is thought to be evident. When it is desired to fill a pail or other receptacle, the bail or handle of the receptacle is engaged over the hook presented by the inverted arches 6 and the cross bar 7 connecting the same, and the vessel will thereby be supported in proper position under the discharge spout to receive the water flowing from the faucet. The handle 5 is then rotated so as to open the valve of the faucet and permit the water to flow which may continue without attention on the part of the user and without requiring the user to hold the vessel and support the weight of the same while it is being filled.

Obviously, the device may be quickly applied to or removed from any faucet, and when it is in position the weight of the receptacle will be distributed so that it will be firmly supported without depending upon the weight of the vessel to bind the attachment upon the faucet.

Particular attention is invited to the saddle of the attachment as this portion of the device clasps the crown or bend of the faucet and thereby furnishes a rigid support for the attachment and the receptacle placed thereon without straining the loops or clamping arms 18 which encircle the dome of the faucet. Furthermore, this saddle tends to prevent slipping of the attachment upon the faucet so that it will always be in proper position to support the receptacle out of contact with the wall in rear of the sink or any filter attachments that may be on the faucet and in proper position to receive the flow from the faucet.

The device is exceedingly simple in its construction and is free of sharp projections which would be liable to injure the hands of persons using the faucet.

While I have described the principle of operation of the invention, together with the apparatus which I now consider to be the best embodiment thereof, I desire to have it understood that the apparatus shown is merely illustrative, and that such changes may be made when desired as are within the scope of the claims appended hereto.

Having thus described my invention, what I claim is:—

1. An attachment for faucets consisting of a support for vessels consisting of a single length of wire shaped to provide an inverted arch-shaped portion adapted to engage the bail of a vessel, a saddle immediately above the said inverted arch-shaped portion and having side arms adapted to clasp the bend or crown of a faucet, and clamping arms above the said saddle portion adapted to embrace the dome of a faucet, and a securing bolt fitted in the ends of the said arms and adapted to clamp the same against the faucet, said bolt consisting of a female screw inserted through an eye formed in one of the ends, and a male screw passed through an eye formed in the other end and engaging the female screw.

2. An attachment for faucets consisting of a single length of wire shaped to provide inverted arch-shaped portions connected by a front straight cross bar, inwardly extending bars at the rear ends of the said inverted arches, straight parallel arms rising from the said inwardly extending arms, depending diverging arms at the upper ends of the said straight parallel arms, side arms rising from the lower ends of the said depending divergent arms, inwardly extending shoulders at the upper ends of said side arms, straight parallel arms extending upwardly and rearwardly from the inner ends of said shoulders, and clamping arms diverging from the said straight parallel portions and terminating in eyes, clips secured around the straight parallel arms, and securing bolts inserted through the eyes at the ends of the clamping arms.

3. An attachment for faucets consisting of a support for vessels made of wire and comprising clamping arms which embrace the dome of the faucet, a saddle having side arms which clasp the bend or crown of the faucet, and a depending hook-shaped bail-engaging portion, that portion of the wire between the saddle and the bail-engaging portion bearing against the front side of the discharge spout of the faucet.

4. An attachment for faucets consisting of a support for vessels made of wire and comprising clamping arms which embrace the dome of the faucet, a saddle having side arms which clasp the bend or crown of the faucet, and a depending hook-shaped bail-engaging portion which is spaced from the saddle by straight portions of the wire, said straight portions fitting closely against the front side of the discharge spout of the faucet, and said bail-engaging portion terminating in advance of and in substantially the same horizontal plane as the end of the spout.

5. An attachment for faucets consisting of a support for vessels made of wire and shaped to embrace the dome of the faucet and clasp the bend or crown thereof, said support having a depending hook-shaped bail-engaging portion composed of an arched portion connected by a transverse bar, that portion of the wire support above the bail-engaging portion bearing against the front side of the discharge spout of the faucet, and said bail-engaging portion being extended in advance of and occupying a position substantially on a line with the lower end or terminal of said spout.

6. An attachment for faucets consisting of clamping arms adapted to embrace the dome of the faucet, a saddle adapted to clasp the crown of the faucet, and a hook adapted to depend from the front side of the spout of the faucet, said attachment being constructed of a single length of wire, the middle portion of which forms the hook, the intermediate portion the saddle and the two ends the clamping arms, the sides of said attachment being rigidly connected between the clamping arms and the saddle and between the saddle and the hook, said rigid connections spacing said parts from each other, and a bolt adjustably connecting the clamping arms.

In testimony, that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

HERBERT SAVAGE.

Witnesses:
LE ROY S. KIMBALL,
ARTHUR C. LITTLEFIELD.