No. 831,713. PATENTED SEPT. 25, 1906.

J. A. FERGUSON.

DRIP ATTACHMENT FOR FAUCETS.

APPLICATION FILED JAN. 11, 1906.

FIG. 1.

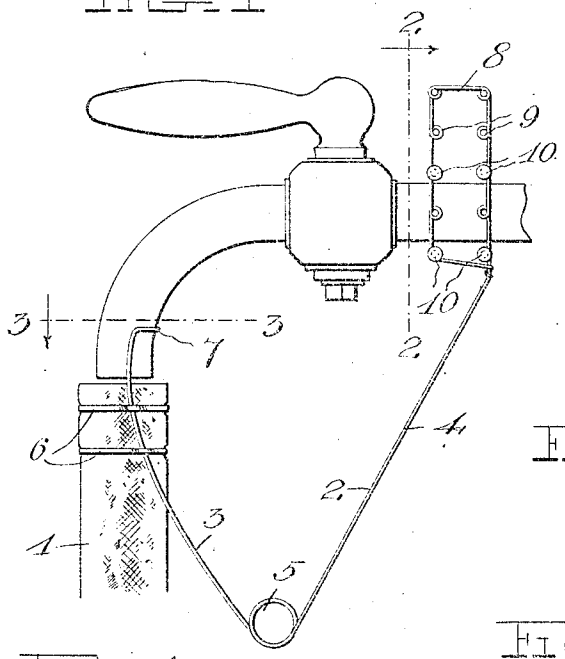


FIG. 2.

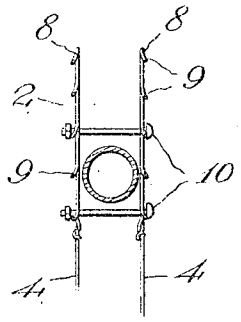


FIG. 3.

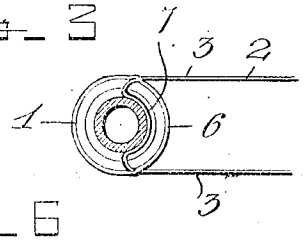


FIG. 4.

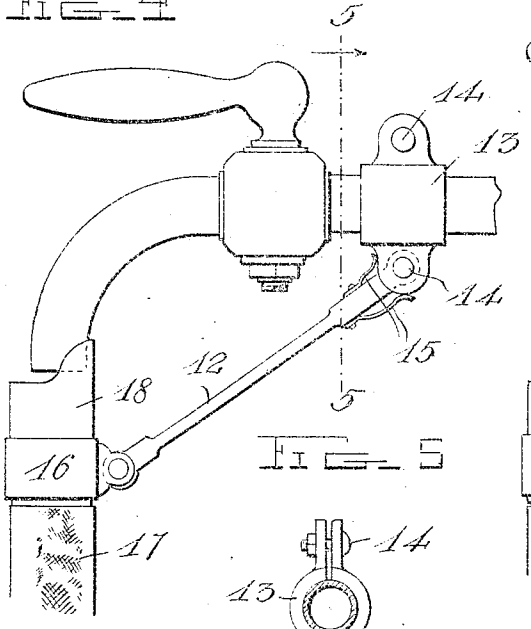


FIG. 5.

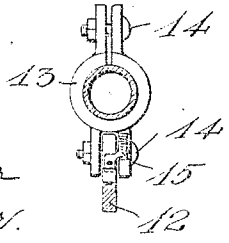
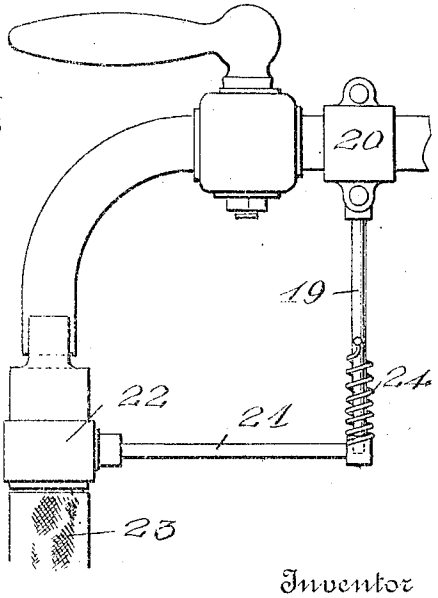


FIG. 6.



Witnesses

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UNITED STATES PATENT OFFICE.

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DRIP ATTACHMENT FOR FAUCETS.

No. 831,713. Specification of Letters Patent. Patented Sept. 25, 1906.

Application filed January 11, 1906. Serial No. 295,623.

To all whom it may concern:

Be it known that I, JAY A. FERGUSON, 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 Drip Attachments for Faucets; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to drip attachments for faucets.

The object of the invention is to provide means whereby the flow or drip of a faucet will be conveyed to the waste-pipe of the sink, thus preventing the splashing of such drip.

A further object is to provide means whereby the drip attachment may be easily pushed aside when the faucet is being used and which will be automatically returned to a position beneath the faucet after the removal of the receptacle from beneath the same.

A still further object is to provide a device of this character having means whereby the same may be adjustably connected to various styles of faucets.

With the above and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, as will be hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a side view of the attachment constructed in accordance with the invention and, showing the same applied to a faucet. Fig. 2 is a sectional view through the supply-pipe of the faucet, showing the manner in which the attachment is connected to said pipe. Fig. 3 is a horizontal sectional view on the line 3 3 of Fig. 1. Fig. 4 is a side elevation of a modified form of the attachment, showing the same arranged upon a faucet. Fig. 5 is a sectional view on the line 5 5 of Fig. 4; and Fig. 6 is a side elevation of another modified form of the attachment, showing the same applied to a faucet.

Referring more particularly to the drawings, 1 denotes a hose or tube, to the upper end of which is secured the end of a spring-attaching device 2. Said spring is shown in Fig. 1 as being constructed of a single piece of spring-wire bent to form forwardly-projecting arms 3 and rearwardly-projecting arms 4, said arms being coiled at their lower portions, as shown at 5, to form springs. The upper ends of the forward arms 3 are secured to the upper end of the hose or tube 1 by means of wire or metal bands 6, said ends being extended above the upper end of the hose or tube and bent laterally to form a stop 7, by means of which the hose or tube is centered below the end of the faucet, as shown.

The upper ends of the arms 4 are bent to form rectangular frames 8, and in the side bars of each frame are formed a series of loops or coils 9. The frames 8 are adapted to be arranged one on each side of the supply-pipe of the faucet in such position that the coils 9 in each frame will be in alinement, and through the alined coils or loops immediately above and below the supply-pipe is adapted to be inserted clamping-bolts 10, by means of which the attachment is securely attached to the faucet. By providing a series of coils in the frames 8 the attachment may be raised or lowered, thus providing means for properly adjusting the device on faucets of different styles or sizes. The action of the tension of the spring-coils 5 will yieldingly hold the upper end of the hose 1 in alinement with and beneath the discharge end of the faucet, as will be understood.

In Fig. 4 of the drawings is shown a modified arrangement of the device, the same being here shown as consisting of an arm 12, the upper end of which is pivotally connected to a clip 13, adapted to be adjustably secured upon the supply-pipe by means of clamping-bolts 14. The upper end of the arm 12 is provided with springs 15 to normally project the lower end of the arm upwardly and forwardly, as shown. To the lower end of the arm 12 is secured a hose-coupling 16, to the lower side of which is adapted to be connected a hose 17 and on the upper side of which is arranged a cup 18, which is adapted to be projected beneath and engaged with the lower end of the faucet, as shown. The rear upper edge of the cup 18 is preferably extended above the forward edge of the same, thereby forming a stop-flange to engage the rear side of the faucet, thus holding said cup and hose in alinement with the faucet.

In Fig. 6 of the drawings is shown still another modified form of the device. In this instance I provide a vertically-disposed arm 19, the upper end of which is secured to an attaching-clip 20, similar in construction to the clip shown in Figs. 4 and 5, to secure said device to the water-supply pipe. On the

lower end of the arm 19 is pivotally mounted a horizontal forwardly-projecting arm 21, to the outer end of which is secured a hose connection 22, by means of which the upper end of a hose 23 may be attached to said arm. On the lower end of the arm 19 is arranged a torsional spring 24, one end of which is connected to the arm 19 and the other end to the arm 21, whereby when said arm 21 is swung laterally the same will be automatically returned to its normal position of release, thereby providing a laterally-movable yielding support for the hose arranged beneath the discharge end of the faucet.

By providing a drip attachment such as hereinbefore described the drip from faucets may be carried out to a suitable place of discharge, thereby preventing the splashing of such drippings in the sink or other receptacle beneath the faucet, said attachment being adapted to be connected to any style or size of faucet.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention as defined by the appended claims.

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

1. A drip attachment for faucets comprising a hose or tube, and means to yieldingly hold the same beneath a faucet, substantially as described.

2. A drip attachment for faucets comprising a hose or tube, a spring-arm to yieldingly hold the same beneath a faucet, and means to adjustably connect said spring-arm with the water-supply pipe of the faucet, substantially as described.

3. A drip attachment for faucets comprising a hose or tube, a spring to yieldingly hold the end of said hose beneath the faucet, a stop to hold the end of the hose in alinement with the faucet, and means to adjustably clamp the opposite end of the spring to the water-supply pipe, substantially as described.

4. A drip attachment for faucets comprising a hose or tube, a spring to yieldingly hold said hose beneath the faucet, means to connect one end of the spring to said hose, a stop formed on said end of the spring to engage the faucet and normally hold said end of the tube in alinement with the discharge end of the faucet, and a clamping device arranged on the opposite end of the spring to adjustably secure the attachment to the water-supply pipe of the faucet, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JAY A. FERGUSON.

Witnesses:
F. M. BARDON,
FRED RICHTERBERG.