Feb. 27, 1945. F. B. WILLIAMS 2,370,433

FAUCET ATTACHMENT

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Fig. 1.

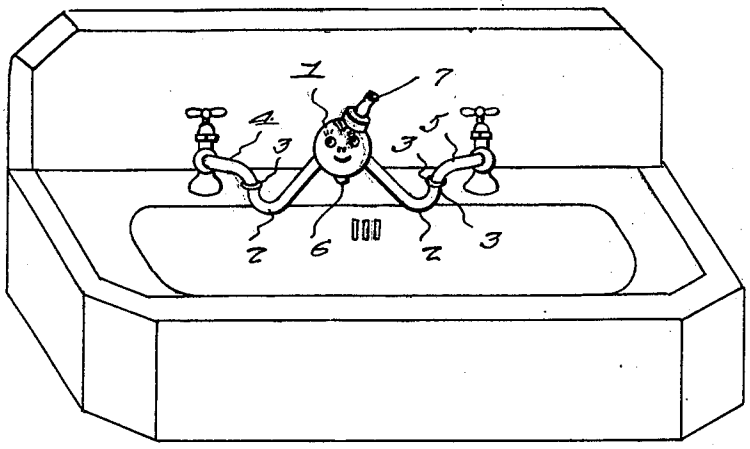


Fig. 4.

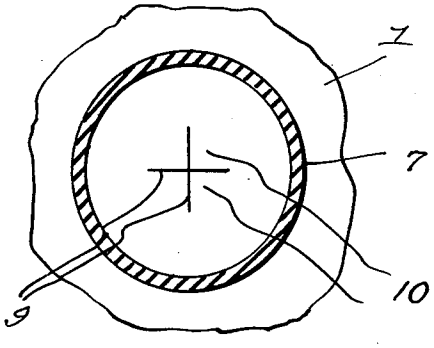
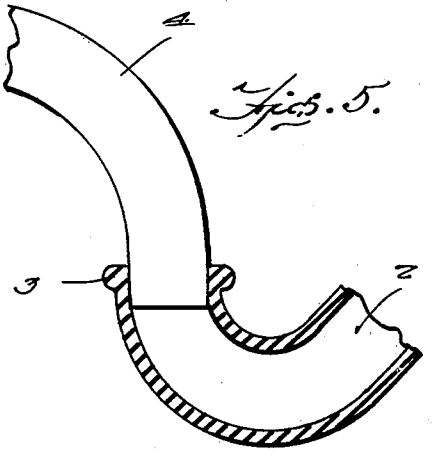


Fig. 5.



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Fig. 2.

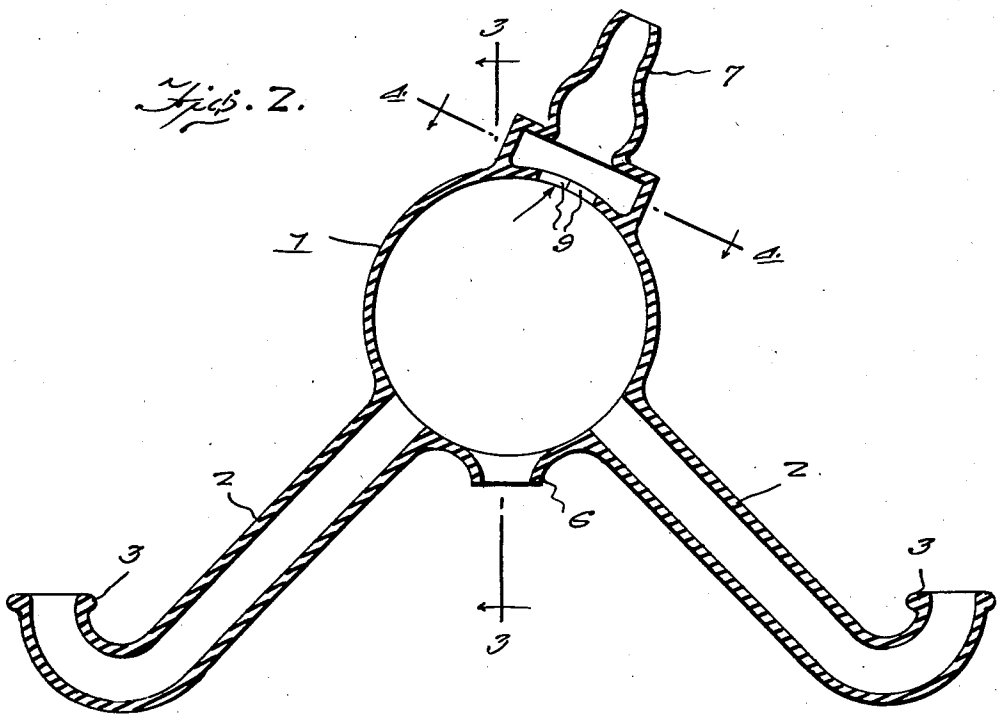
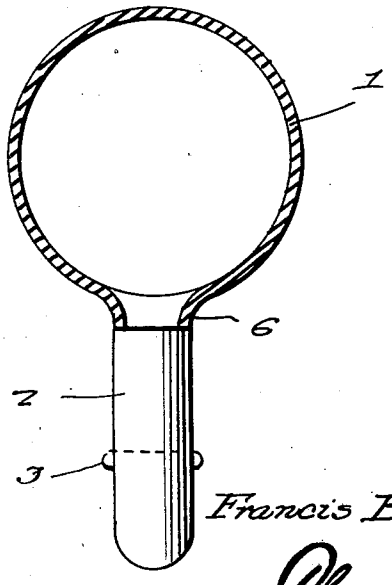


Fig. 3.



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UNITED STATES PATENT OFFICE

2,370,433

FAUCET ATTACHMENT

Francis Bud Williams, Columbus, Ohio

Application October 23, 1943, Serial No. 507,448

1 Claim. (Cl. 299—9)

The present invention relates to new and useful improvements in faucet attachments or appliances, and has for its primary object to provide, in a manner as hereinafter set forth, a device of this character which is adapted to be expeditiously connected to the discharge spouts of a pair of faucets for mixing hot and cold water therefrom.

Another very important object of the invention is to provide a faucet attachment of the aforementioned character comprising a drinking fountain of novel construction.

Other objects of the invention are to provide a faucet attachment of the character described which will be comparatively simple in construction, strong, durable, highly efficient and reliable in use, compact, attractive in appearance, and which may be manufactured at low cost.

All of the foregoing, and still further objects and advantages of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawings wherein like characters of reference designate corresponding parts throughout the several views, and wherein:

Figure 1 is a view in front elevation, showing a device constructed in accordance with the present invention in use.

Figure 2 is a vertical sectional view through the device.

Figure 3 is a cross-sectional view, taken substantially on the line 3—3 of Figure 2.

Figure 4 is a sectional view, taken substantially on the line 4—4 of Figure 2.

Figure 5 is a fragmentary view in section, showing the connection of an end portion of one of the water tubes to the faucet.

Referring now to the drawings in detail, it will be seen that the embodiment of the invention which has been illustrated comprises a spherical chamber 1 of rubber or other suitable material, which chamber may be of any desired diameter. Projecting from the spherical chamber 1 is a pair of downwardly diverging tubes 2 which terminate in upturned free end portions 3 which are adapted to be slipped on a pair of conventional hot and cold water faucets 4 and 5, respectively, for mounting the attachment thereon. Depending from the lowermost portion of the chamber 1 is a discharge neck 6 which, it will be observed, is located between the tubes 2.

Rising from the upper portion of the chamber 1 is a drinking nozzle 7. The nozzle 7 communicates with the chamber 1 through an opening 8 in the upper portion of said chamber. The opening 8 is formed by crossed slits 9 (see Fig. 4) leaving integral flaps 10, whereby said opening will be normally closed.

It is thought that the operation of the device will be readily apparent from a consideration of the foregoing. Briefly, when the faucets 4 and 5 are opened, hot and cold water therefrom flows through the tubes 2 into the spherical chamber 1 where it is thoroughly mixed, the mixed hot and cold water leaving said chamber through the outlet 6. If a drink of water is desired, the cold water faucet 5 only is opened, of course. The outlet 6 is closed by placing a thumb or finger thereover. Thus, when the water enters the chamber 1 it can only escape through the opening 8 and the nozzle 7, the pressure of said water opening the flaps 10. It will thus be seen that a combination hot and cold water mixing and drinking fountain attachment for faucets has been provided. The construction and arrangement is such that the device may be readily attached to the faucets and removed therefrom.

It is believed that the many advantages of an attachment constructed in accordance with the present invention will be readily understood, and although a preferred embodiment of the device is as illustrated and described, it is to be understood that changes in the details of construction may be resorted to which will fall within the scope of the invention as claimed. For example, a butterfly design may be used in lieu of that of an octupus, as shown.

What is claimed is:

In a faucet appliance of the character described, a hollow spherical rubber member having an integral bottom discharge neck, a pair of tubes integral with and extending in downwardly diverging relation from the lower portion of said spherical member at opposite sides of said discharge neck, said tubes terminating in upturned outer ends adapted to snugly slip onto the discharge spouts of a pair of spaced faucets, the spherical member having an integral drinking nozzle rising from the top thereof and crossed slits in its wall within the confines of the inner end of said drinking nozzle, said slits being inoperative to permit flow of water to said nozzle until the supply pressure exceeds the discharge capacity of said discharge neck.

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