Jan. 30, 1951 J. SAMSON ET AL 2,539,976

SPRAY CONTROL ATTACHMENT FOR SHOWER FIXTURES

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Fig 2

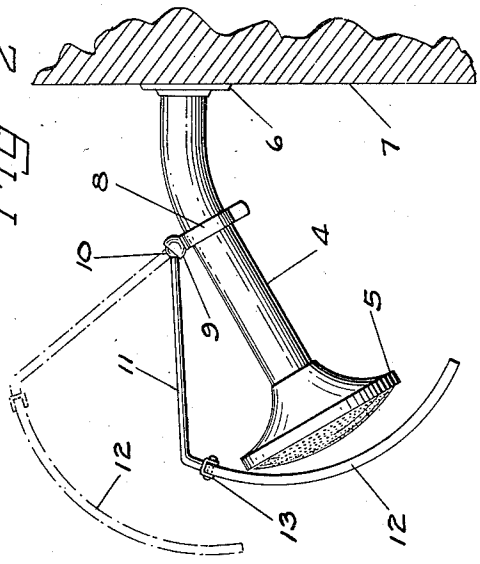


Fig 3

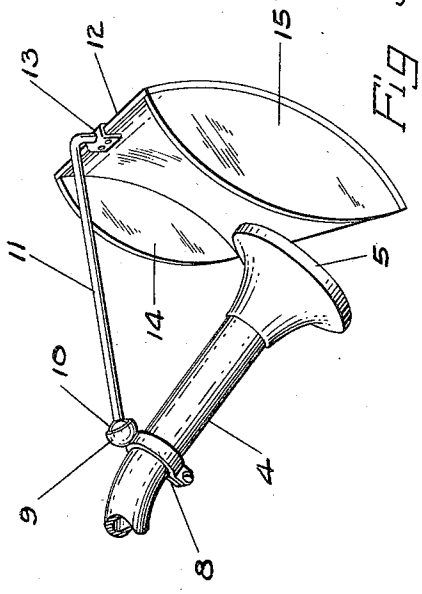
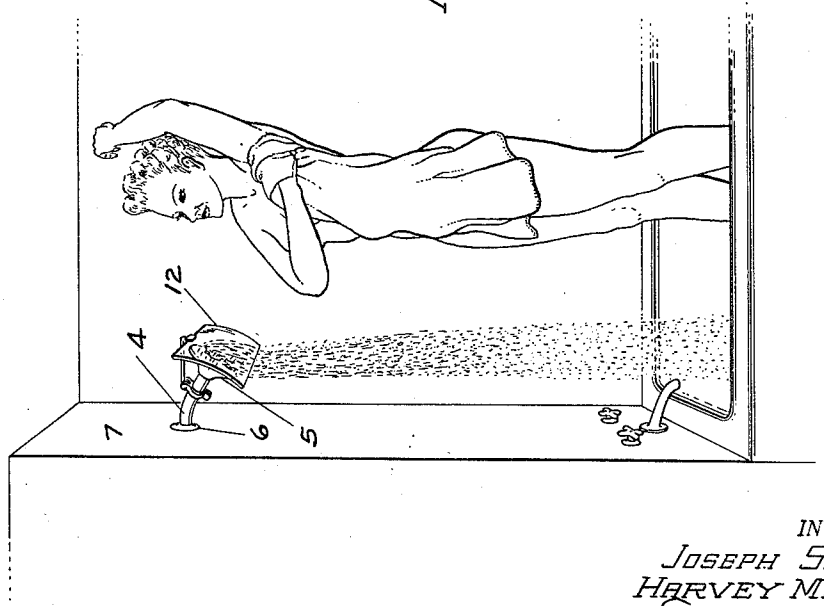


Fig 1



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SPRAY CONTROL ATTACHMENT FOR SHOWER FIXTURES

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1 Claim. (Cl. 299—129)

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This invention relates to an attachment for the spray outlet pipe of a bathroom fixture, and has for its principal object the provision of a medium adjustably associated with the spray outlet, that will deflect the water spray from the user of the attachment.

A further object of the invention is the provision of a transparent shield which may be readily secured to a spray outlet pipe and adjustably positioned thereon to either an inoperative position whereby the full force of the sprayed water is received, or to an operative position for the purpose of deflecting the spray.

An additional object of the invention is the production of an attachment of the character described that is simple in construction, economical to manufacture, positive in operation, strong, durable, attractive and ornamental in appearance, and highly serviceable in use.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawing forming a part of this specification and in which like numerals are employed to designate like parts throughout the same,

Fig. 1 is a perspective view of the attachment disclosed in an operative position relative to an individual,

Fig. 2 is a side elevation of the device on an enlarged scale, the attachment being illustrated in full lines as in an operative position and in dotted lines in an inoperative or raised position relative to the spray fixture that is connected to a bathroom wall, the latter being shown in section, and

Fig. 3 is a perspective view of a modified form of the invention wherein the shield is equipped with side wings to prevent lateral splashing of the water spray.

In homes an individual either bathes by either resorting to a tub bath, a complete shower bath or a partial shower, as for instance when it is only desired to wash the feet or the lower extremities. Frequently the individual wishes to keep the hair dry when taking a complete shower. To therefore provide a medium whereby the spray can be manually directed to the desired parts of the body to be washed, where the temperature of the water can be maintained constant to prevent danger of scalding or extreme cold water, and wherein transparency is afforded to determine the force and direction of the spray, we have devised the present invention.

In the accompanying drawing wherein for the purpose of illustration is shown a preferred embodiment of our invention, the numeral 4 designates a water outlet pipe equipped with a spray head 5, the pipe being secured as at 6 to a wall 7 of a bathroom. It will be noted that an adjustable clamp or collar 8 encompasses the pipe 4 and has provided on its upper curved surface a socket 9 adapted to receive therein a ball 10 provided on the end of a rod 11. Thus, the elements 9 and 10 define a ball-and-socket joint that permits rotary movement and consequent adjustment of a shield 12 that is fixedly secured to a bracket 13 integrally formed on the opposite end of the rod 11.

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The said shield is made of glass and preferably of a color that harmonizes with the color scheme of the room and thus the attractiveness of the attachment is enhanced. The said shield of the form disclosed in Fig. 2 is a single sheet of "plexiglas" of a curved configuration, the curvature of the glass effecting a downward flow of the water spray, as disclosed to advantage in Fig. 1. In the modified form of the shield, disclosed in Fig. 3 of the drawing the glass body is of the same curvature as that of the glass of Fig. 2, but is modified to provide a pair of side wings 14 and 15 that prevent any lateral splashing likely to occur when the water spray contacts the shield 12.

In operation, should a complete shower be desired, it is only necessary that the shield be raised from its full line position of Fig. 2 to the dotted line position thereof and thus the user will receive the full force and effect of the temperature regulated water. In Fig. 1, the individual is shown in the act of drying herself, with the spray of water entirely deflected from her person. Should she desire to further wash her limbs or feet, it is obvious that the shield so positioned will protect the remainder of her body and her hair, and thus the attachment defined herein performs a most distinctive, unique and highly novel purpose.

While we have shown the attachment associated with a spray positioned above a bath tub, it is obvious that this attachment can be readily employed in conventional shower rooms by the simple expediency of detachably securing devices of this character to the standard outlet spray pipes utilized in said rooms.

It is to be understood that the forms of our invention herewith shown and described are to be taken as preferred examples of the same and that various changes relative to the shape, size, material and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claim.

Having thus described our invention, we claim:

A spray pipe attachment for deflecting water sprayed from an elevated water outlet pipe of a shower-bath fixture comprising a curved transparent shield made of colored glass, a clamp for supporting said shield on the pipe, and means connected to said clamp and said shield permitting lateral and vertical adjustment of the latter relative to the pipe.

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