July 7, 1959 B. BERRY 2,893,648

SHOWER CONTROL ATTACHMENT IN COMBINATION WITH A SHOWER HEAD

Filed Aug. 18, 1958

FIG. 3

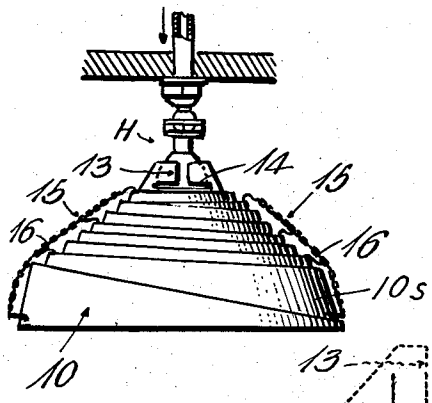


FIG. 4

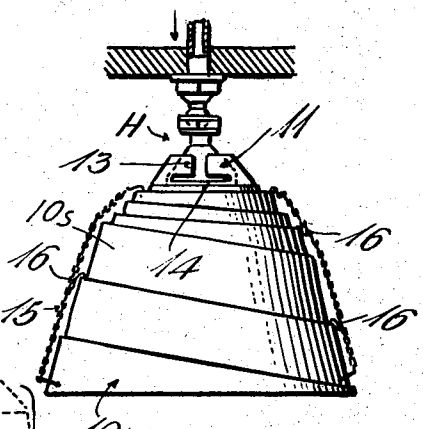


FIG. 7

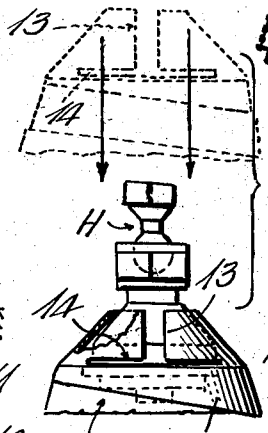


FIG. 1

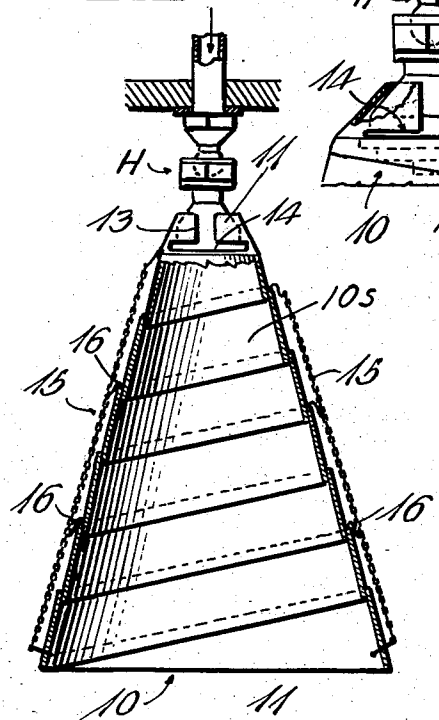


FIG. 2

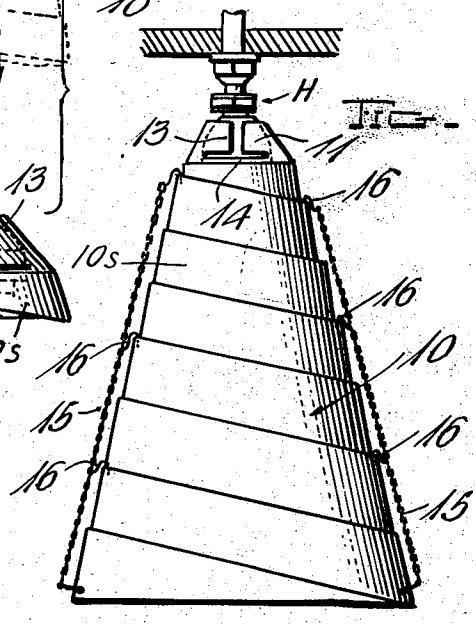


FIG. 5

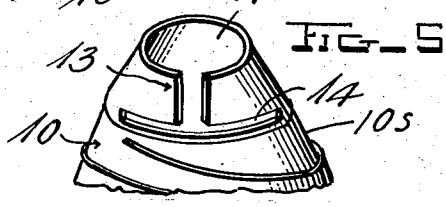
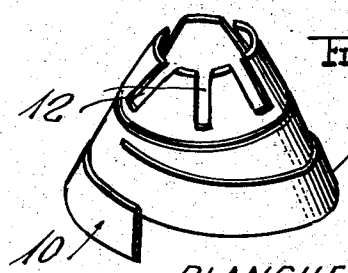


FIG. 6



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SHOWER CONTROL ATTACHMENT IN COMBINATION WITH A SHOWER HEAD

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3 Claims. (Cl. 239—499)

This invention relates to a control device attachment for a shower bath head.

This attachment guides and concentrates the flow of water from the shower head preferably over the shoulders of the bather and down over the bather without wetting its face or hair, in fact the shower spray can be controlled and placed where needed or wanted by the user.

It is an object of this attachment to prevent an excessive wetting of the whole inside of the shower stall or room and thereby retard the deterioration of the walls thereof.

It is an object of this invention to provide means whereby it may be adjustable and maintained in adjusted condition as to the length of the attachment.

It is a further object of this invention to provide for limited oscillation for the attachment and thereby constitute a further control feature in its operation.

It is a further object of this invention to make a shower bath more inviting to the ladies which results from the manual control of the guide attachment in combination with the shower head.

It is a further object of this invention to produce a resilient attachment guide constituting a body disposed in a position representing an inverted frustum of a cone.

It is also an object of this invention with a resilient top portion whereby it may be snapped over a shower head preferably, from beneath said head and maintained thereon in detachable relation.

Further objects of this invention will appear in connection with the detailed description made in connection with the drawings in which:

Fig. 1 is a longitudinal vertical section of the complete combination showing the attachment fully extended.

Fig. 2 is a view in elevation with the guide attachment fully extended but with the spiral winding of the resilient sheet material appearing in reverse from that shown in Fig. 1.

Fig. 3 is an elevational view of the whole combination with the guide attachment fully collapsed and maintained in such condition.

Fig. 4 is an elevational view of the complete combination with the guide attachment partially collapsed and maintained in such adjustable condition.

Fig. 5 is a fragmentary perspective view of the resilient top portion of the guide attachment.

Fig. 6 is a modified perspective view of one form of resilient top portion of the guide attachment adapted to snap over the shower head.

Fig. 7 is an elevational view indicating that if by chance the shower head is disconnected the guide can be slipped downwardly over the shower head.

This invention as disclosed on the drawings constitutes a combination of a shower hear H with a water flow guide **10** resiliently attachable in a snapover relation to said head H.

The water flow guide **10** is preferably made up spirally

as shown of suitable resilient sheet strip material such as sheet strip of spring steel preferably treated to retard corrosion, stainless spring steel, or any other non-corrosive sheet material. The attachment guide **10**, comprises in contour, a frustum of a cone **10** made up of suitable resilient sheet strip material **10***s* wound in spiral fashion as clearly disclosed. The top portion **11** is slitted in a suitable manner to increase readily expansibility, whereby the guide flow attachment **10** can readily be snapped over the shower head H.

In the modification Fig. 6, the uppermost convolution **11** of the cone **10** is slitted longitudinally of the cone but transversely of the strip material as shown at **12**, whereas the slitting in Fig. 5, is both longitudinally of the cone at **13** and longitudinally of the top convolution **11** as at **14** to define an inverted T-shaped slot.

In order to prevent undue expansion or extension of the spiral cone **10** a plurality of small chains or strands **15** are provided, applicant has shown two but more may be provided if found desirable.

These small chains or strands are provided with a series of hooks **16** suitably located so that the length of the guide cone **10** may be adjusted as to length and maintained in such adjustment by using suitable hooks **16** to hook over the upper edge of any suitable convolution of the cone.

In Fig. 7, it is noted that the shower head is removed from its source of water supply and further indicates that the attachment may be applied from above said head when so detached, it is preferable that the attachment may be added from below said head, therefore the resiliency and expansibility of the narrower end of said attachment **10**, whereby it may be attached from beneath said head is preferable, since the head does not need to be detached from its source of supply. If the attachment is applied as indicated in Fig. 7, then the quality of resiliency would not be needed in the upper portion of the attachment, but such attachment would not prevent a limited free oscillation of said attachment on said head thereby providing for desired control by the bather.

It is to be noted that the control attachment **10** has a limited and confining quality whereby the stream of water is guided and confined within a limited area.

From the above detailed description plus the drawing the operation of the device appears to be obvious, furthermore it should be especially inviting to ladies when they know that everything is under their control.

Having disclosed my invention, what I claim is:

1. In a shower control attachment for a bath shower head, said attachment comprising a frustum of a cone, said frustum at its smaller end being resilient and expansible and adapted to snap over said shower head and be suspended therefrom, said frustum having a yieldable gripping action on said head and thereby provides for a limited oscillating movement to divert and have a limited control of the flow of water to a limited area on the bather, said frustum having a small coefficient of enlargement from its smaller upper end to its larger lower end whereby the water is guided and confined to a limited area at and adjacent its lower end.

2. In a shower bath control attachment for a shower head, said attachment comprising a tubular frustum of a cone, said frustum comprising a resilient strip of sheet material spirally wound and constituting said frustum, whereby said frustum can be adjusted as to length and completely collapsed, in combination with means on said frustum secured thereto to maintain said frustum in adjusted condition, said frustum having a small coefficient of enlargement whereby the stream of water from said head is confined and guided to a limited area of the bather, said means to maintain adjustment comprises a plurality

of strands of material having the ends thereof, respectively, secured to said frustum, each of said strands being provided with a series of small hooks suitably placed and secured thereon intermediate the ends thereof, whereby selected hooks may be hooked over the upper edge of a selected convolution of said strip material to maintain said frustum adjusted.

3. In a shower bath control attachment for a bath shower head, said attachment comprising a frustum of a cone, said frustum constituting spirally wound resilient strip sheet material, the smaller end of said frustum being slitted to provide readily yieldable gripping portions, whereby said frustum may be snapped over said shower head and maintained detachably thereon, in combination with a plurality of strands of material having the ends thereof, respectively, secured to the upper and lower end of said frustum, whereby to prevent undue expansion of said frustum, said frustum having a small coefficient of

enlargement, whereby the stream of water from said head is confined and guided to a limited area of the bather, said frustum is adjustable as to length, each of said strands having a series of small hooks secured thereon intermediate its ends, whereby said frustum may be maintained in adjusted position by selected hooks hooked over the upper edge of a selected convolution of said frustum.

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