Sept. 11, 1951 E. M. ARSENAULT 2,567,503

HAIR CURLER

Filed June 9, 1949

Fig. 1.

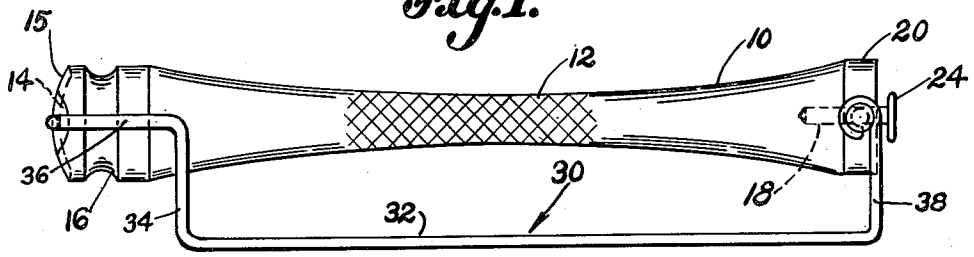


Fig. 2.

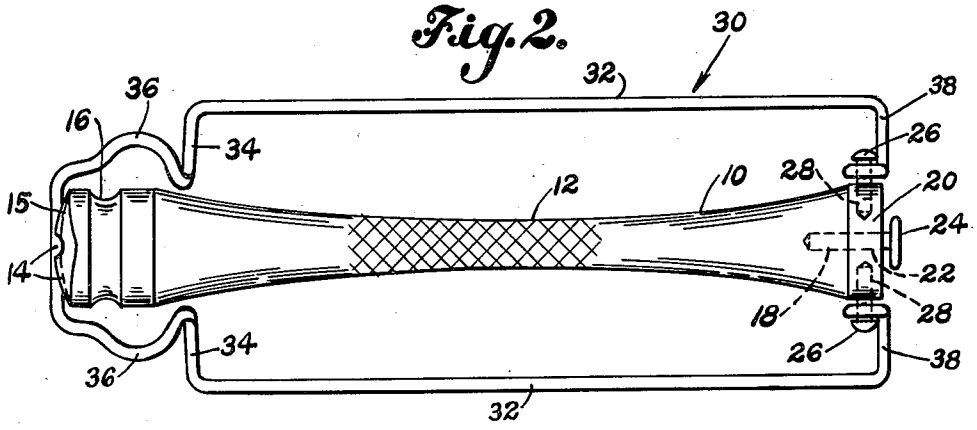


Fig. 3.

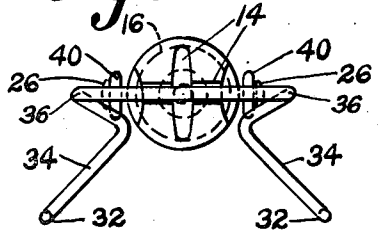


Fig. 4.

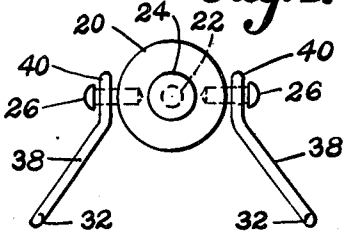
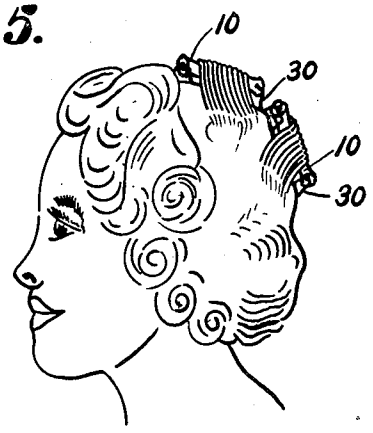


Fig. 5.



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UNITED STATES PATENT OFFICE

2,567,503

HAIR CURLER

Elodie M. Arsenault, Brunswick, Maine

Application June 9, 1949, Serial No. 97,969

2 Claims. (Cl. 132—41)

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My invention relates to hair curling devices. Reference is made to my co-pending patent application, Serial No. 76,809, filing date, February 16, 1949 and now abandoned.

The principal features of my invention are an improved construction and operation of the curling and spacing parts of my device by their simplification.

Another feature is an improved protective spacer whereby it may easily be moved from functional to non-functional position and vice versa.

Since a hair dresser uses a large number of curling devices it is important that they be easy to rotate and otherwise use, yet conveniently protect the head from the hot curlers, and also be relatively inexpensive to produce. Accordingly my object has been to simplify and perfect this type of hair curling device over those previously known.

The foregoing and other objects which will appear as the nature of the invention is better understood, may be accomplished by a construction, combination and arrangement of parts such as is disclosed by the drawings and specification. The nature of the invention is such as to render it susceptible to various changes and modifications, and, therefore, I am not to be limited to said disclosures; but am entitled to all such changes therefrom as fall within the scope of my claims. In the drawings:

Figure 1 is a side elevational view and Figure 2 is a top plan view of my hair curling device with the spacer member attached in position of use during the setting of the curls previously formed. Figures 3 and 4 are front and rear end elevational views thereof.

Figure 5 is a perspective view of my hair curling device in position of use on the head of a person.

As illustrated, my device has a curling rod 10 around which the hair is wound, it being knurled as at 12, at the middle portion. At one end it has slots 14 with beveled portions 15 leading to said slots. A short distance from said end said rod is grooved as at 16 all the way around. The opposite end of said rod has a hole 18 therein, and beyond is a swivel collar 20 providing a support for a spacer member later described, which collar has a hole 22 therein. A headed pin 24 extends through said holes 18 and 22 and fits tightly in said end. Said collar 20 is rotatable on said pin hence said rod 10 may be rotated independently thereof when winding hair on the latter.

Said collar 20 has laterally extending holes 28

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starting at opposite points on the periphery and extending inwardly, in which pins or screws 26 are inserted to fixedly hold the two ends of a spacer 30 as will be more fully described.

Said spacer 30 is of the skeleton type, ordinarily being made of spring wire, and has two relatively long parallel legs 32 spaced laterally apart, being outside of and spaced from said rod 10. Extending from said legs 32 at one end are connectors 34 and connected to and extending beyond them is an irregularly U-shaped attaching portion 36 the extremity or bridge portion of which will fit into a said slot 14 in one end of said rod 10. Arms 38 extend from said legs 32 at the other end and at their extremities are loops or eyes 40 through which said pins 26 pivotally extend and into said holes 28 in said collar 20, thus holding said spacer 30 to said collar 20.

In use, a curl is formed by winding the hair around said rod 10, by rotating the latter, during which said spacer 30 is disconnected from the slotted end of said rod, being held solely by said pins 26 to said collar 20. When the curl is formed said spacer attaching portion 36 is forcibly sprung over an end of said rod into a said slot 14 whereby it is firmly retained on said rod and keeps the rod spaced from the scalp of the person whose hair is being curled. Said spacer 30 is of such length that it has to be forcibly sprung into said slot 14 and remains there under tension until forcibly sprung out.

What I claim is:

1. A hair curling device comprising a curling rod having a slot at one end, a collar rotatably attached thereto at the other end, a spacer embodying two elongate legs intermediate the ends and spaced laterally outward of said rod, and two arms offset from the ends of said legs and attached to said collar, said spacer embodying two offset connector portions and a U-shaped attaching portion the two sides of which are offset from and connected to said connector portions and extend beyond them embodying a bridge portion between said two sides adapted to extend into said curling rod slot when said spacer is in position of use.

2. A hair curling device comprising a curling rod having a slot at one end, a collar rotatably attached to the other end, a spacer embodying two elongate legs intermediate the ends spaced laterally outward from opposite sides of said rod and two arms extending from said legs at substantially a right angle and attached to said collar, said spacer embodying two connector por-

tions extending at substantially a right angle from the ends of said legs and spaced from said arms, and a U-shaped attaching portion extending at substantially a right angle from and connected to said connector portions and extending outwardly beyond them embodying a bridge portion adapted to extend into said curling rod slot when said spacer is in position of use.

ELODIE M. ARSENAULT.

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