

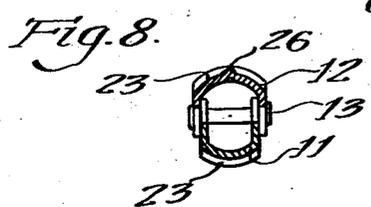
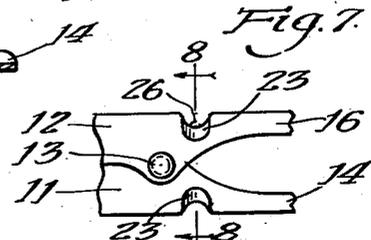
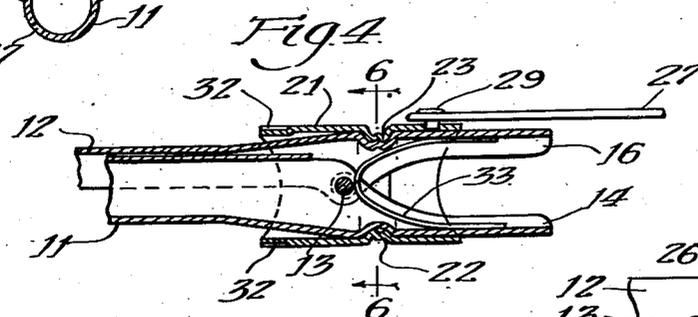
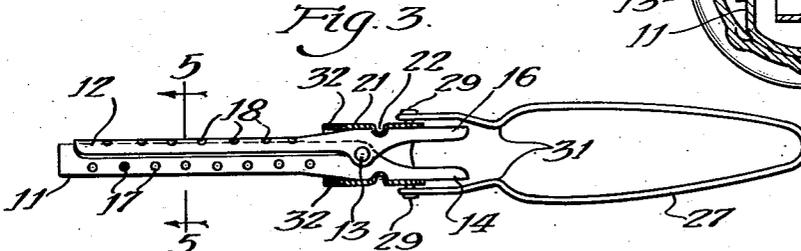
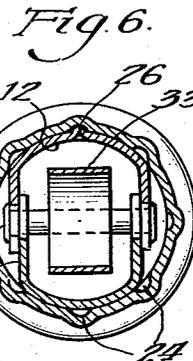
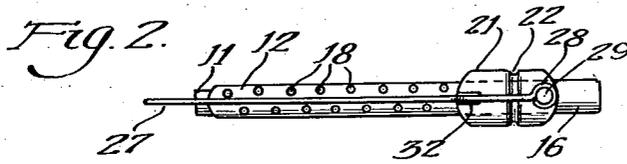
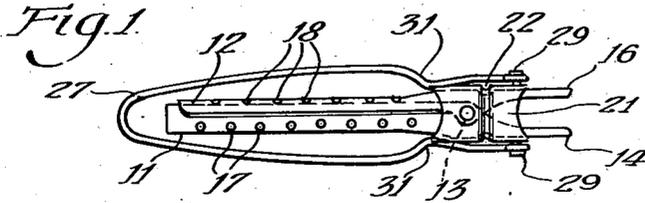
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HAIR CURLER

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2,410,106

HAIR CURLER

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5 Claims. (Cl. 132—34)

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This invention relates to hair curlers and is more particularly concerned with the type of hair curler in which a pair of hair gripping and curling members are pivotally connected intermediate their ends and provided with a U-shaped bail for locking the curled hair in position on the curler.

The present invention contemplates the provision of a hair curler of this type in which a locking bail collar is journaled on the pivotally connected hair gripping and curling members and provided with means at spaced intervals around its inner periphery for yieldably resisting rotational movement of the collar around said members.

It is a further object of this invention to provide a hair curler which may be locked to a curl of hair and in tight engagement against the scalp of the user.

It is a further object of this invention to provide a hair curler having a locking bail pivotally connected to a collar journaled on the curling members, and in which said bail is yieldably resistant to pivotal movement from its hair locking position.

This invention embodies other novel features, details of construction and arrangement of parts which are hereinafter set forth in the specification and claims, and illustrated in the accompanying drawing wherein:

Fig. 1 is a plan view showing a hair curler embodying features of this invention.

Fig. 2 is a side elevational view of same.

Fig. 3 is a plan view of the curler, partly in section, showing the locking bail in hair curling position.

Fig. 4 is an enlarged fragmentary longitudinal sectional view of the curler.

Fig. 5 is an enlarged sectional view taken along the line 5—5 of Fig. 3.

Fig. 6 is an enlarged sectional view taken along the line 6—6 of Fig. 4.

Fig. 7 is a fragmentary detail view showing the hair clamping and curling members with the bail collar removed.

Fig. 8 is a sectional view taken along the line 8—8 of Fig. 7.

Referring now to the drawing for a better understanding of this invention, the hair curler is shown as comprising a curling member 11 and a hair clamping member 12 which are pivotally connected intermediate their ends by means of a rivet 13. The members 11 and 12 extend rearwardly from their point of pivotal connection at 14 and 16, respectively, to provide finger gripping

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portions for moving the member 12 away from the member 11. The member 11 is preferably formed tubular at its hair engaging end and provided with a plurality of apertures 17. The outer end of the member 12 is formed arcuate in cross section to conform to the contour of the member 11 and is also provided with a plurality of apertures 18.

A tubular collar 21 is mounted on members 11 and 12 for relative rotational movement therewith and is held against axial displacement therefrom by means of an inwardly disposed annular bead portion 22 which engages within recesses 23 formed in the members 11 and 12. The inner side of the annular bead 22 is formed with a plurality of notches 24 disposed at equally spaced intervals to receive a protuberance 25 which extends outwardly from the surface of the groove 23.

Pivotally connected to the outer end of the collar 21 is provided a locking bail 27 which is preferably formed of resilient wire and provided with eyes 28 at the ends thereof for engagement by rivets 29 secured to the collar. The locking bail is movable from its hair curling position, shown in Fig. 3, to its hair locking position, shown in Fig. 1, and is yieldably resistant to movement from its hair locking position by means of the in-turned portions 31 which engage in locking recesses 32 formed on the collar 21. A spring 33 is mounted between the finger gripping portions 14 and 16 of the members 11 and 12 to yieldably resist opening movement of said members.

In the use of a curler of the type described the bail 27 is first moved to its hair curling position, as indicated in Fig. 3, and the jaw 12 is moved away from the member 11 by applying pressure to the finger gripping portions 14 and 16. The end of a lock of hair to be curled then is inserted between the members 11 and 12 and the curler is rotated by means of the bail 27 to form the curl. When the curler is rotated into close engagement against the scalp of the user, the locking bail 27 may be rotatably adjusted with respect to the members 11 and 12 by means of the collar 21 in order to suitably position the bail 27 to prevent uncurling movement of the members 11 and 12. By means of the protuberance 25 and the recesses 24, the bail 27 may be rotatively positioned with respect to the hair curling members to dispose same in its most desirable hair locking position. After the bail 27 is moved to its hair locking position, it is held against accidental pivotal movement therefrom

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by means of its inturned portions 31 which engage in the recesses 32 formed on the collar 21.

While this invention has been shown in but one form, it is obvious to those skilled in the art that it is not so limited but is susceptible of various changes and modifications without departing from the spirit and scope of the claimed invention.

I claim as my invention:

1. A hair curler comprising a curling member, a clamping jaw member pivotally connected to said curling member, said members having finger gripping portions extending rearwardly from their point of pivotal connection, a collar journaled on said members adjacent their connected portions, said collar having a plurality of locking recesses formed therein, a protuberance formed on one of said members for engagement in said recesses to provide yieldable step-by-step rotation of said collar, said collar having locking notches formed therein, a U-shaped wire bail having its ends pivotally connected to said collar and movable from the hair curling position to a hair locking position for yieldable interlocking engagement in said collar notches.

2. A hair curler comprising a curling member, a clamping jaw member pivotally connected to said curling member, said members having finger gripping portions extending rearwardly from their point of pivotal connection, a collar journaled on said members adjacent their connected portions, said collar having locking notches formed therein, a U-shaped wire bail having its ends pivotally connected to said collar and movable from the hair curling position to a hair locking position for yieldable interlocking engagement in said collar notches, said members being formed with grooves extending around the finger gripping portions thereof, said collar being formed with an annular bead for engagement in said grooves formed in said members for preventing axial displacement of said collar, and means for yieldably resisting step-by-step rotation of said collar.

3. A hair curler comprising a curling member, a clamping jaw member pivotally connected to

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said curling member, said members having finger gripping portions extending rearwardly from their point of pivotal connection, a collar journaled on said members adjacent their connected portions, said collar having locking notches formed therein, a U-shaped wire bail having its ends pivotally connected to said collar and movable from the hair curling position to a hair locking position for yieldable interlocking engagement in said collar notches, said members being formed with grooves extending around the finger gripping portions thereof, said collar being formed with an annular bead for engagement in said grooves formed in said members for preventing axial displacement of said collar, the bead portion of said collar being formed with a plurality of annularly spaced recesses, and a protuberance disposed within the groove of one of said members for engagement in said recesses to provide yieldable step-by-step rotation of said collar.

4. A hair curler comprising a pair of hair gripping and curling members pivotally connected intermediate their ends, a collar journaled on the pivotally connected portions of said members, a protuberance formed on one of said members, said collar having spaced recesses to receive said protuberance to yieldably resist step-by-step rotational movement of said collar on said members, and a wire locking bail having its ends pivotally connected to diametrically opposed sides of said collar.

5. A hair curler comprising a pair of hair gripping and curling members pivotally connected intermediate their ends, a collar journaled on the pivotally connected portions of said members, a protuberance formed on one of said members, said collar having spaced recesses to receive said protuberance to yieldably resist step-by-step rotational movement of said collar on said members, a wire locking bail having its ends pivotally connected to diametrically opposed sides of said collar, and means provided on said collar for yieldably resisting pivotal movement of said locking bail from its hair locking position.

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