Oct. 3, 1933. S. BEHR 1,928,960

HAIR ROLLER

Filed Dec. 15, 1931

Fig. 1

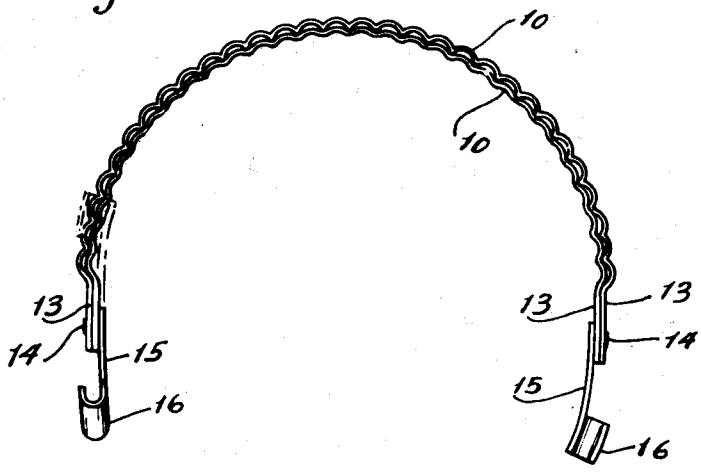


Fig. 4



Fig. 5

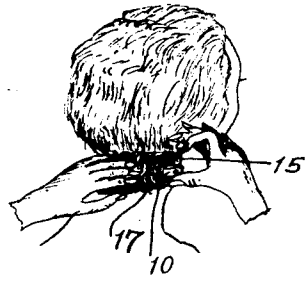


Fig. 2

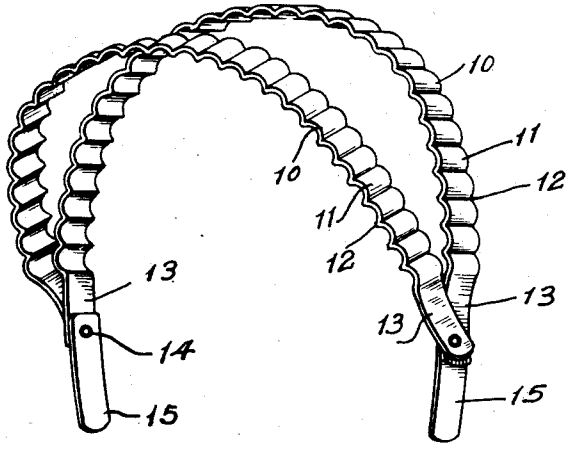


Fig. 6

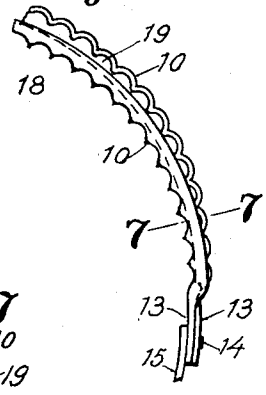


Fig. 7

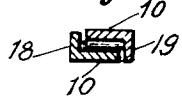
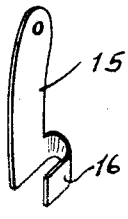


Fig. 3



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HAIR ROLLER

Siegfried Behr, New York, N. Y.

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Serial No. 581,099

8 Claims. (Cl. 132—38)

This invention relates to hair rollers or clamps.

A primary object of my invention is to provide a hair roller that positively holds the hair in arranged position.

Another object is to provide a roller that prevents slipping of the hair once it is dressed.

A further object is to provide a roller that holds the hair in an orderly and attractive manner.

Another object is to provide a roller that can readily be put on and taken off the hair.

A further object is to provide a roller that holds the hair without the necessity of hair pins.

Still another object is to provide a roller that is simple in construction and economical in manufacture.

The invention will be better understood from the description thereof to follow taken in connection with the accompanying drawing, in which—

Figure 1 is a side view of my improved hair roller.

Figure 2 is a perspective view of the hair roller with a modified form of clip at each end.

Figure 3 is a perspective view of one of the hinged clips on the form of Figure 1.

Figure 4 is a perspective view showing the improved roller in initial position on the head of the wearer.

Figure 5 is a view similar to Figure 4 showing the roller in operative position.

Figure 6 is a fragmentary side view of a modified form of roller.

Figure 7 is a sectional view taken on the plane indicated by the line 7—7 of Figure 6.

Referring to the drawing, my improved hair roller comprises two elongated members or straps 10 forming the body of the device. These members may be made of celluloid or other suitable material. They are semi-circular in shape and crimped or corrugated throughout their length forming crimps 11 and depressions 12 therebetween. The members 10 are arranged in overlapping relationship. Each of the members terminates in flat plain portions 13. The members 10 are connected together at their flat portions 13 and loosely mounted on a pin or bolt 14, providing a hinge action between the members. When these members are moved to overlapping relationship as shown in Figure 1, the crimps 11 and depressions 12 of the upper member are aligned with the crimps and depressions in the lower member.

Mounted pivotally on each of the pins 14 is a resilient clip or bar 15. Each clip is formed with a hook portion 16. As will be apparent from Figure 1, the clips are mounted on the ends of the members 10 so that the open end of the hook on one end is facing in a direction opposite to the open end of the hook on the other end.

In the form shown in Figure 2, the clip or bar 15 has no hooked portion.

Referring to the form shown in Figure 6, the lower strap 10 is formed with an upstanding flange 18 on one edge, and the upper strap 10 is formed with a downwardly extending flange 19 on its edge opposite the edge bearing the flange on the lower strap.

In using my improved roller, the ends of the roller are grasped by the hands and the straps 10 separated as shown in Figure 2 and slightly stretched or elongated if desired. The hair is then inserted as shown in Figure 4 and the roller positioned at the end thereof. The straps 10 are then closed so that they overlap. These members because of the corrugations will grip any thickness of hair. In the form shown in Figure 1, the clip at each end with its hook is swung over the overlapped ends and hair, as shown in Figure 1 in dotted lines, and locks the roller members tight. The device is then rolled upwardly until it rests at the nape of the neck as shown in Figure 5, providing a curl 17, which entirely conceals the device. In using the form shown in Figure 2, when the hair is rolled completely, the clip or arm 15 is swung inwardly behind the roll or curl 17, gathering any stray hair on its inward movement and pressing the hair against the roller. This clip or arm thus eliminates any necessity for hair pins.

In using the form shown in Figure 6, the hair, when inserted between the strap members, forms a circuitous path, that is, it goes up over the flange 18 on the lower strap 10 and down and through the space between the two straps 10 and downwardly around the lower edge of flange 19. This enables the strap members with their flanges to securely grip the hair preventing it from pulling out.

By reason of my improved roller, the hair between the strap members 10 is prevented from slipping sidewise by the crimps or corrugations and the hair is thus held in a fixed orderly fashion.

Variations in details might be resorted to without departing from the principle of the invention, and I desire to be limited only by the state of the prior art and the appended claims.

I claim:

1. A hair roller comprising a pair of overlapping arcuate shaped straps hinged at their ends, each of said straps being formed with crimped and depressed portions adapted to align when said members are in overlapping position, said members loosely engaging each other when in overlapped position, and each of said straps being adapted to move in an arcuate direction.

2. A hair roller comprising a pair of overlapping straps hinged at their ends and a clip pivotally mounted at each hinged end, each of said clips being formed with a hook portion adapted to embrace said straps on their outer overlapped ends, the open end of one hook being positioned in a direction opposite to the open end of the other hook.

3. A hair roller comprising a pair of overlapping straps hinged at their ends and adapted to loosely engage each other when in overlapped position, each of said straps being formed with crimped and depressed portions adapted to align when said straps are in overlapped position, a clip pivotally mounted at each hinged end, each of said clips being formed with a hook portion adapted to straddle the outer overlapped edges of the straps, the open end of one hook being positioned in a direction opposite to the open end of the other hook.

4. A hair roller comprising a pair of substantially semi-circular shaped members hinged to each other at their ends and adapted to clamp a layer of hair therebetween when in overlapped position, and a flange on one of said straps forming a stop against rotation of the other strap.

5. A hair roller comprising a pair of overlapping straps hinged at their ends and adapted to loosely engage each other when in overlapped position, each of said straps being formed with corrugations, an upstanding flange formed on one edge of one of said straps and a downwardly extending flange formed on the opposite edge of the other strap and a bar pivotally mounted at each hinged end.

6. A hair roller comprising a pair of substantially semi-circular members hinged to each other at their ends to rotate on a diametrical axis into overlapping position to clamp hair therebetween, one of said members being corrugated transversely to separate the clamped hair into strands.

7. A hair roller comprising a pair of substantially semi-circular members hinged to each other at their ends to rotate on a diametrical axis into overlapping position and an arm on each end inside of the circle formed by said members adapted to rotate on said axis.

8. A hair roller comprising an inner and an outer substantially semi-circular strap, said straps being hinged to each other at their ends to swing about a diametrical axis into overlapping position and a resilient arm mounted to rotate about said axis to press against the inside of the inner strap.

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