July 11, 1933. C. K. THAU 1,917,341

HAIR CURLER

Filed Dec. 16, 1932

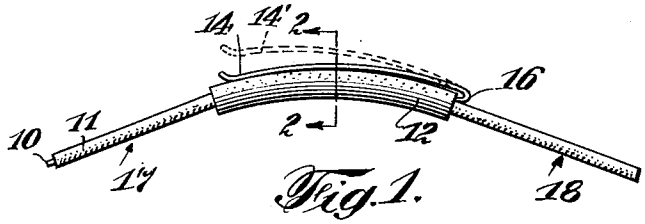


Fig. 1.

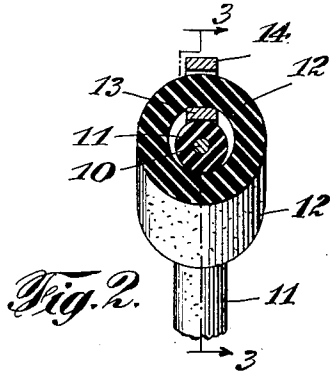


Fig. 2.

Fig. 4.





Fig. 5.

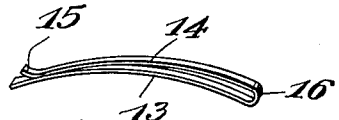


Fig. 6.

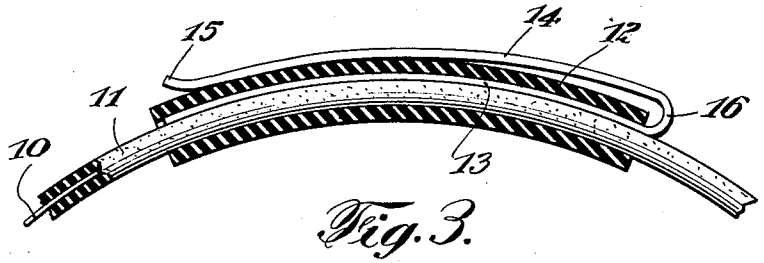


Fig. 3.

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Patented July 11, 1933 1,917,341

UNITED STATES PATENT OFFICE

CHARLES K. THAU, OF BROCKLYN, NEW YORK

HAIR CURLER

Application filed December 16, 1932. Serial No. 647,516.

My invention relates to hair-curlers and refers particularly to hair-curlers having a member normally under resilient pressure against an element of the device, thus acting as a retaining member for strands of hair positioned between these two members.

Another feature of my device is that this resilient pressure is not affected by bending the flexible wire which acts as a holding means for the device when it is in operating position.

The above and other desirable features of my device will be evident upon a consideration of my specification and its accompanying drawing.

In the accompanying drawing, illustrating one form of the device of my invention,

Figure 1 is a side view of one form of my device.

Figure 2 is an enlarged section through the line 2—2 of Figure 1.

Figure 3 is an enlarged vertical section of the device of Figure 1.

Figure 4 is a view of the flexible wire and the cover therefor.

Figure 5 is a perspective view of the tubular member of my device.

Figure 6 is a perspective view of the resilient member of my device.

The particular form of the device of my invention shown in the accompanying drawing consists of a flexible wire 10 within the cover 11. This flexible member passes through the central opening or passage of the rubber tube 12.

A resilient clamping member consisting of a piece of flat resilient material bent over upon itself and having the inner arm 13 within the opening of the tube 12, the outer arm 14 being positioned outside of the tube 12 and being normally resiliently pressed upon the outer face thereof. The extremity 15 of the arm 14 is bent slightly away from the arm 13, in order that the arm 14 may be readily raised from the tube 12 for the placement of hair between these two members.

To provide for a resilient pressure between the arms 13 and 14, the bend 16 is curved, thus leaving a space between the arms in the proximity of the bend and preferably the arms 13 and 14 are arc-shaped.

It will be readily understood that the application of my device is simple and the results effective.

The arm 14 is raised from the tube 12 as 14′ of Figure 1, the end portions of a strand of hair inserted between the arm 14 and the tube 12, and the former is released, thus holding the hair firmly against the outer face of the tube 12. The device is then turned upon its longitudinal axis until sufficient hair is wound thereon and the two extremities 17 and 18 of the flexible member 10 bent toward each other, thus holding the device in fixed position.

It is to be noted that the bending of the two members 17 and 18 does not affect the resiliency of the resilient member, nor does it affect the pressure of the arm 14 upon the hair.

I do not limit myself to the particular size, shape, number or arrangement of parts or material particularly described, as these are given simply as a means for clearly describing the device of my invention.

What I claim is:—

1. A hair-curler comprising a piece of flexible wire, a tubular member surrounding only a portion of said wire intermediate its ends and a piece of resilient material bent around and over an edge of said tubular member, the arms of said resilient member being under resilient abutment upon the inner face and outer face of said tubular member.

2. A hair-curler comprising a piece of flexible wire, a tubular member surrounding only a portion of said wire intermediate its ends and a piece of resilient material bent upon itself and around an edge of said tubular member, one arm being positioned between the flexible wire and the tubular member and the other arm being positioned longitudinally along the outside face of said tubular member and abutting resiliently thereon.

3. A hair curler comprising a piece of flexible wire, a tubular member surrounding only a portion of said wire intermediate its

ends and a piece of resilient material bent upon itself and around an edge of said tubular member, the arms of said resilient member being positioned longitudinally of said tubular member and carried thereby by the resilient abutment of the two said arms against the inner face and outer face of said tubular member.

Signed at New York, in the county of New York and State of New York, this 13 day of December, 1932.

CHARLES K. THAU.