Apr. 3, 1923. 1,450,523

W. W. STUMPH

HAIR CURLER

Filed Mar. 18, 1922

Fig. 1.

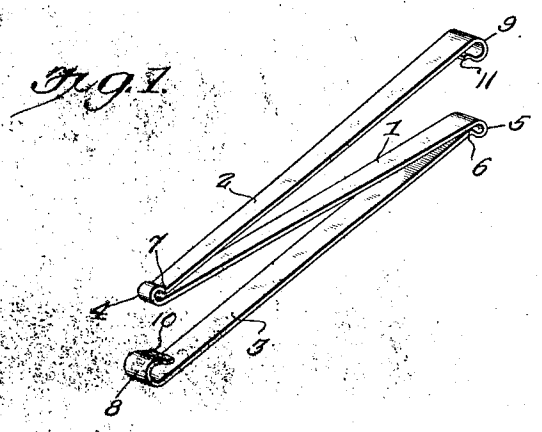
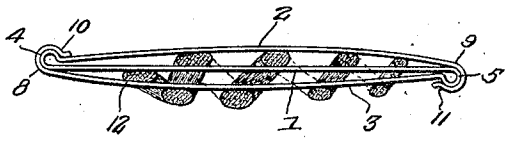


Fig. 2.



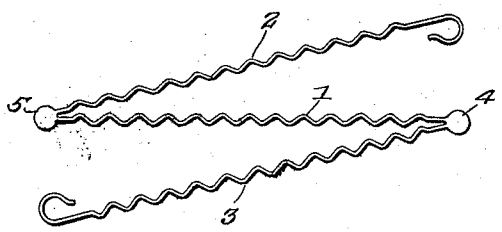


Fig. 3.

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UNITED STATES PATENT OFFICE.

WYNN W. STUMPH, OF TULSA, OKLAHOMA.

HAIR CURLER.

Application filed March 18, 1922. Serial No. 544,744.

To all whom it may concern:

Be it known that WYNN W. STUMPH, a citizen of the United States, residing at Tulsa, in the county of Tulsa and State of Oklahoma, has invented certain new and useful Improvements in Hair Curlers, of which the following is a specification.

Generally this invention has for its object the improvement of the conventional hair curler by providing means for retaining the hair prior to the wrapping operation in a fixed position with relation to the curling element.

The present hair curler comprises a body having a resilient clamping arm and this invention resides in the addition of another clamping arm for the purpose above specified of similar construction and arrangement thereby permitting convenient manipulation as will more clearly hereinafter appear.

Reference will be had to the accompanying drawings forming a part of this specification and wherein like numerals of reference designate corresponding parts throughout the several views, in which:—

Figure 1 is a perspective view of the preferred form of the invention.

Figure 2 is a side elevation showing in section hair in position, and

Figure 3 is a side elevation of another form of the device.

The present invention, which may be constructed of celluloid, spring steel or any other suitable material, includes a body 1 and clamping bars 2 and 3. Referring to Figure 1 of the drawings it will be seen that in this form of the device a strip of suitable material is provided and at equi-distant points in its length the ends are bent backward on opposite sides of the body or central portion 1 to form the arms 2 and 3. At the point or junction of these arms and body indicated by reference 4 and 5 are formed the enlarged bead-like hook engaging members by spacing the adjacent faces of the body and arms at these points for a short distance before the arms again substantially contact with the body at points 6 and 7.

The arms 2 and 3 terminate in inwardly faced hooks 8 and 9 formed by bending portions near the extremities of said arms and these hooks are sufficient in diameter to neatly engage the hook engaging members before mentioned. It will be noted that the hooks 8 and 9 flare outwardly slightly as at 10 and 11 for the purpose of permitting convenient engagement.

In Figure 3 is a form of the present invention in which corrugated material is utilized as is common in the art. Also it will be noted in this figure the junction of the arms and body at 4 and 5 are solid in their construction instead of being formed by a bending operation as in the preferred form of the device.

Referring now to Figure 2 it will be seen that the body of hair being curled is first engaged and clamped at 12 by the arm 3 and the hair is then wrapped in the proper fashion about the body 1 and the arm 3 which as shown is in closed position at this point. After the hair has been suitably wrapped the second clamping arm 2 is then caused to be locked by engagement of the hook 9 with the hook engaging member 5. Due to the shape of the hooks the arms are caused to engage by a transverse movement, the latter being permitted by virtue of the resilient construction. Any tendency on the part of the arms to separate from the body caused by excess hair being wrapped around the body member will thus be eliminated.

Heretofore hair curlers have comprised a body element and a clamping arm and it has been necessary in their use to hold the hair to the body member prior to and during the wrapping operation. This feature is both inconvenient and awkward and causes trouble and annoyance to a person using same. In the present device the body of hair to be curled is quickly and readily clamped in position and the wrapping can then be proceeded with, there being no danger of the hair slipping at any time.

It will also be observed that I have provided a construction formed of a single piece of material which is cheap and easy to manufacture and which will add little or nothing to the cost of the article.

What I claim as new and useful and desire to secure by Letters Patent, is:—

A hair curler including a straight central portion terminating in looped portions.

resilient arms adapted for transverse movement projecting from the looped portions at points adjacent the opposite sides of the central portion and extending in opposite directions, said arms being bent inwardly to form circular loops and the ends of the loops being spaced from the inner faces of the respective arms a distance equal substantially to the double thickness of the body thereby permitting snug engagement of the loops with the enlarged ends and preventing lateral movement of the arms.

In testimony whereof I affix my signature.

WYNN W. STUMPH.