R. BOVE.

HAIR CURLING APPARATUS.

APPLICATION FILED NOV. 16, 1915.

1,236,818. Patented Aug. 14, 1917.

Fig. 1.



Fig. 2.

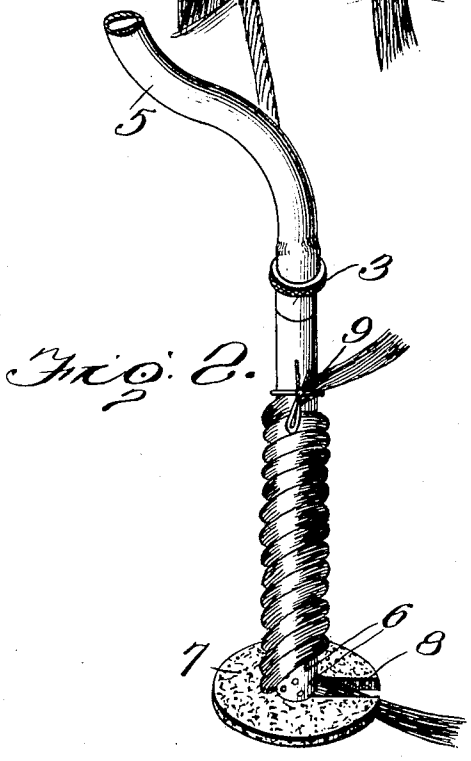
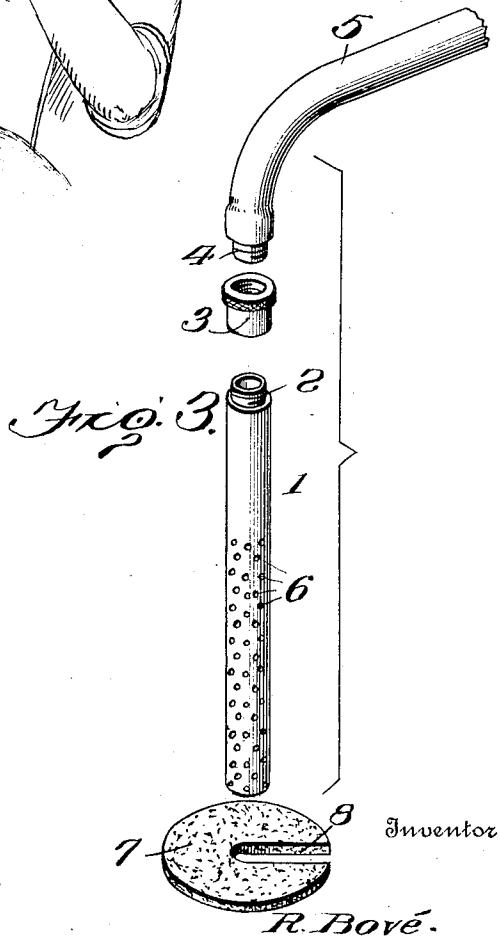


Fig. 3.



Inventor

R. Bové.

By

Attorneys.

UNITED STATES PATENT OFFICE.

RAMON BOVÉ, OF NEW YORK, N. Y.

HAIR-CURLING APPARATUS.

1,236,818. Specification of Letters Patent. Patented Aug. 14, 1917.

Application filed November 16, 1915. Serial No. 61,818.

To all whom it may concern:

Be it known that I, RAMON BOVÉ, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Hair-Curling Apparatus, of which the following is a specification.

This invention relates to hair curling apparatus and aims to provide an apparatus for this purpose which will effectually curl the hair and in such manner that the hair will remain curled for a long period of time.

Various types of apparatus of the class to which this invention belongs have been devised but so far as I am aware they all depend upon a dry heat and are more or less inconvenient to use and in fact liable to cause injury to the hair or scalp. Where dry heat is employed the heating devices are liable to become over heated and this will result in the hair being "baked" causing it, after the treatment, to become brittle and break off when combed or brushed. Not only do the curling devices which make use of a dry heat present the disadvantage just mentioned but, as stated, they are liable to cause injury to the scalp and to be uncomfortable and annoying to the person whose hair is being curled. The present invention, therefore, aims to provide an apparatus for the purpose stated which may be employed conveniently and without annoyance to the person whose hair is being curled and which will not be liable to bake the hair or in any other manner injure the hair or scalp. In this connection the invention contemplates the use of steam as a heating agent and further contemplates subjecting the hair during the curling operation not only to the heat from the steam but also to the direct action of the steam itself so that the hair will be subjected to moisture as well as to heat and will not be liable to be baked or burned but on the other hand will be more effectually curled than would be possible by the employment of a dry heat.

Another aim of the invention is to provide means whereby the scalp may be effectually protected from the heat radiating from the steaming and heating devices of the apparatus.

In the accompanying drawings:

Figure 1 is a perspective view illustrating the manner in which the apparatus embodying the presented invention is to be used.

Fig. 2 is a perspective view of one of the steaming tubes illustrating the manner in which the hair is to be wound about the same and illustrating also one of the heat insulating and scalp protecting devices assembled with the tube.

Fig. 3 is a view similar to Fig. 2 but illustrating the parts disassembled.

Briefly stated, the apparatus embodying the present invention includes a number of heating and steaming tubes which are supplied from any suitable steam generator or other source of steam supply and about which tubes the several locks or portions of the hair to be curled are wound or wrapped in a manner to be presently explained.

The heating and steaming tube of the apparatus is indicated in general by the numeral 1 and this tube is of hollow cylindrical form and is closed at one end and at its other end is reduced and exteriorly threaded as indicated at 2 so that a connecting nipple 3 may be fitted thereto, the nipple being interiorly threaded from end to end and designed to receive an exteriorly threaded tubular connection 4 fitted in the end of one of the steam supply pipes which is indicated by the numeral 5, any desired number of these pipes being provided as heretofore stated and being connected with any suitable source of steam supply. Each of the steaming tubes is formed with a number of perforations 6 through which the steam may pass to the lock of hair wound about the said tube.

In order that the scalp may be protected from the heat radiating from the steaming tubes, heat insulating disks are employed and these disks are of a form shown most clearly in Figs. 2 and 3 of the drawings. The disk is indicated by the numeral 7 and is formed from any suitable heat insulating material such as rubber, asbestos or in fact, any material light in weight and suitable for the purpose. The disk 7 is formed with a radial slot 8 which extends inwardly from the periphery of the disk to the center thereof, as clearly shown in Fig. 3, the walls of the slot being here shown as parallel although they need not necessarily have this particular relation to each other.

In using the apparatus embodying the present invention, the hair is first separated into the desired number of locks which are to be curled and each of the locks is then manipulated in the following manner. One

of the disks 7 is disposed close to the scalp and the hair at the base of the lock is caused to enter the slot 8 in the disk. When so applied the disk 7 will in effect constitute a heat insulating surface surrounding the base of the lock of hair and after the disk has been so arranged close to the scalp, one of the steaming tubes is disposed with its closed end close to the inner end of the slot 8 in the disk and the lock of hair is then wrapped or wound spirally about the tube in the manner clearly illustrated in Figs. 1 and 2 of the drawings, the hair at the end of the lock being tied or otherwise fastened as indicated by the numeral 9. After the several locks to be curled have been manipulated in this manner and the steam supply has been opened, steam will flow from the source of supply through the several pipes 5 and to the respective steaming tubes. In this manner the lock of hair wrapped or wound about each of the tubes will be subjected to the heating action of the steam as well as to the moisture thereof inasmuch as the steam issues gradually through the openings or perforations in the heating and steaming tubes. After the hair has been subjected to this treatment for a suitable period of time the steam supply is closed and the hair is allowed to dry upon the tubes.

In the use of the apparatus the scalp protecting disk is, of course, first disposed close to the scalp with a lock of hair engaging in the radial slot in the said disk and then the steam tube is disposed at its closed outer end against the disk and the lock of hair is then wound tightly about the said tube.

Having thus described the invention, what is claimed as new is:

1. In apparatus of the class described, a heating member, and a scalp protecting device located at one end thereof and comprising a shield of heat insulating material having a hair receiving slot opening at the margin thereof.

2. In apparatus of the class described, a heating body closed at one end, and a scalp protecting disk of heat insulating material designed for disposal against the closed end of the said body and provided with a hair receiving opening.

In testimony whereof, I affix my signature.

RAMON BOVÉ. [L. S.]