

C. W. BAXTER.  
Hair Curling Devices.

No. 162,603.

Patented April 27, 1875.

FIG. 1.

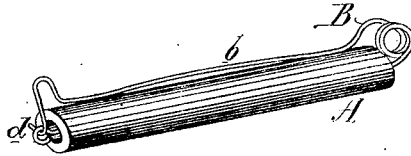


FIG. 2.

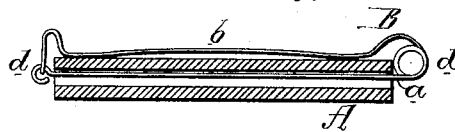
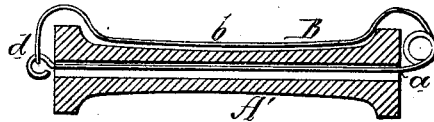


FIG. 3.



Witnesses  
Harry Smith  
Hubert Howson

Charles W. Baxter  
by his Atty.  
Howson and son

# UNITED STATES PATENT OFFICE.

CHARLES W. BAXTER, OF CAMDEN, NEW JERSEY.

## IMPROVEMENT IN HAIR-CURLING DEVICES.

Specification forming part of Letters Patent No. **162,603**, dated April 27, 1875; application filed April 10, 1875.

*To all whom it may concern:*

Be it known that I, CHARLES W. BAXTER, of Camden, New Jersey, have invented an Improved Device for Curling Hair, of which the following is a specification:

The object of my invention is to construct a simple and effective device for the curling or piping of hair, and maintaining the same in a coiled condition, and this object I attain in the manner which I will now proceed to describe, reference being had to the accompanying drawing, in which—

Figure 1 is a perspective view of my improved hair-curling device; Fig. 2, a sectional view of the same, and Fig. 3 a modification of the device.

The practice heretofore in making short curls of hair, has been to wind the same tightly around wisps of paper or pads of kid, the ends of which are folded and twisted around the hair or secured by means of elastic bands, in order to prevent the unwinding of the hair. In hairdressers' establishments, where large numbers of curls have to be made, formers of wood are used, the hair being retained in place by means of strings.

These plans are objectionable, the first on account of the insecurity of the paper as a retaining medium, and the second on account of the tedious manipulation which it demands.

These objections I obviate by the device shown in the drawing, in which A represents a tube of kid, or other suitable material, to which is applied the spring retainer B, consisting of two arms, *a* and *b*, which may be made of one strip of steel wire, as shown, one arm passing through the central opening of

the tube A, and having an eye at its outer end *d*, for the reception of the hooked end of the other arm *b*, which extends along the exterior of the tube, and is curved to accommodate itself to the shape of the curl, which is always thicker in the middle than at each end, and which is effectually retained by the arm *b*, owing to the elasticity of the same.

The instrument, when intended for use by hair-dressers in piping hair, is constructed as shown in Fig. 3, A' in this case representing a tube of wood flanged at each end, in order to prevent the coil of hair from slipping off, the body of the tube gradually decreasing in diameter toward the center in order to accommodate the coil, which is always thicker in the middle than at the edges. The manner of applying the spring to this form of tube is the same as in the former case.

By combining a spring-retainer with the pipe or tube in the manner described, I obtain a device by which the hair is firmly held and prevented from uncurling without being cramped or injured in appearance.

I claim as my invention—

A hair-curler, composed of a tube, A, and spring-retainer B, constructed and applied to the tube, all substantially as and for the purpose set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES W. BAXTER.

Witnesses:

HUBERT HOWSON,  
HARRY SMITH.