(No Model.)

K. A. RYER.

HAIR CURLER.

No. 432,569. Patented July 22, 1890.

Fig. 1.

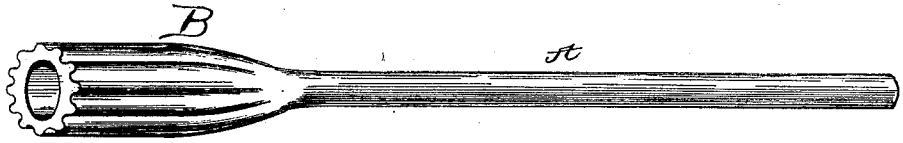


Fig. 2.

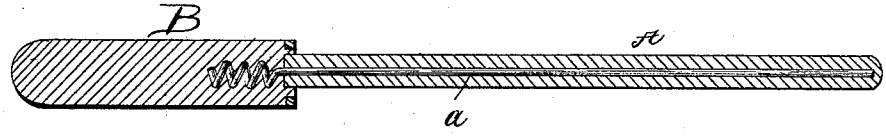
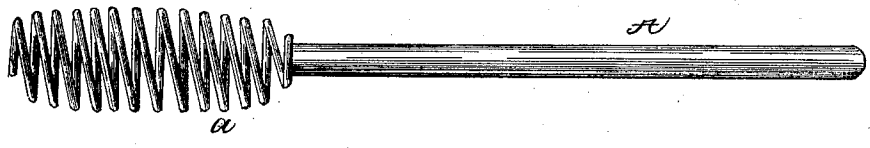


Fig. 3.



Witnesses

G. A. Taubenschmidt.

J. McNamee

Inventor

Katherine A. Ryer

By her Attorney

D. A. Tunis

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

KATHERINE ANN RYER, OF BROOKLYN, NEW YORK.

HAIR-CURLER.

SPECIFICATION forming part of Letters Patent No. 432,569, dated July 22, 1890.

Application filed April 24, 1889. Serial No. 308,428. (No model.)

To all whom it may concern:

Be it known that I, KATHERINE ANN RYER, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Hair-Curlers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to instruments which are designed for curling hair; and it consists in improving such instruments, as will be fully understood from the following description and claims, taken in connection with the annexed drawings, in which—

Figure 1 is a perspective view of one form of my improved hair-curler, and Figs. 2 and 3 are modifications thereof.

Referring to the annexed drawings, A designates the curling-stem, and B the handle thereof, which are made integral, and preferably of pipe-clay. It will be observed by reference to Fig. 1 that the stem A, which may be made solid or tubular, has a handle which is greatly enlarged and corrugated exteriorly and made hollow. Thus it will be seen that while the curling-stem A may be sufficiently heated for curling the hair, the handle can be held and the instrument properly manipulated without detriment to the hand.

In practice I may use a wire *a*, running axially through the curling-stem A, which wire may terminate at the handle end in a screw-threaded shank, on which a wooden, a glass, or other suitable grasping-piece may be attached.

The gist of my invention therefore consists in a curling-stem made of pipe-clay, whether solid or hollow, having a handle either formed integral with it or a handle formed separate and adapted to be attached to it, as above specified.

I am aware that curling-irons comprising a mandrel and a hollow corrugated handle are old, and I do not lay broad claim thereto.

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

1. A hair-curler having an integral hollow corrugated handle, as set forth.

2. A hair-curler having an integral corrugated handle, as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

KATHERINE ANN RYER.

Witnesses:
JOHN R. HEISE,
JOHN RYER.