

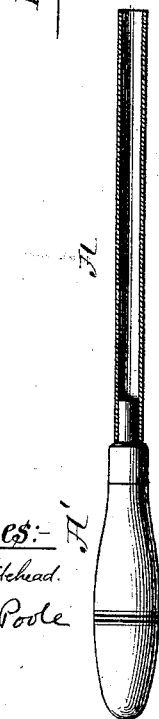
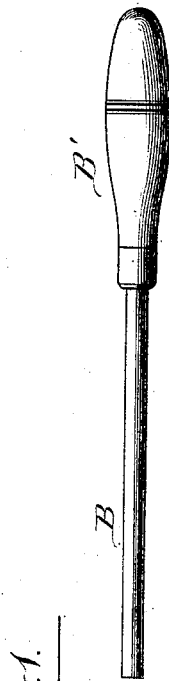
(No Model.)

R. P. DUNN.

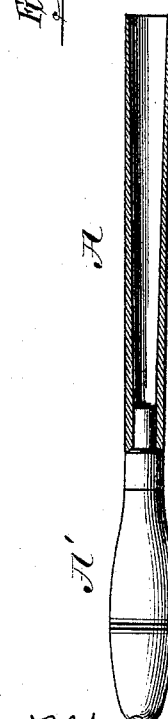
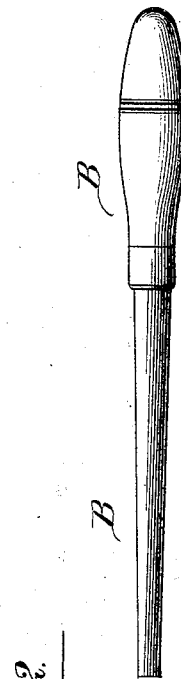
CURLING IRON.

No. 344,774.

Patented June 29, 1886.



Witnesses:
Louis M. Whitehead.
C. C. Poole



Inventor:
Rufus P. Dunn
by:

M. E. Dauter
Attorney:

UNITED STATES PATENT OFFICE.

RUFUS P. DUNN, OF GRAND CROSSING, ASSIGNOR TO GEORGE L. THOMPSON, OF CHICAGO, ILLINOIS.

CURLING-IRON.

SPECIFICATION forming part of Letters Patent No. 344,774, dated June 29, 1886.

Application filed September 17, 1885. Serial No. 177,321. (No model.)

To all whom it may concern:

Be it known that I, RUFUS P. DUNN, of Grand Crossing, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Curling-Irons; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to an implement for curling or frizzing the hair, consisting of a hollow mandrel or tube provided with a handle at one end, and a solid rod or core, also provided with a handle and adapted to be inserted in the tube by thrusting the free end of the core into the free end of the tube.

The implement is intended to be used by first winding the hair upon the tube when cold and held by the handle in one hand, and then inserting the heated core in the direction described, so that the latter may heat the mandrel, and finally withdrawing the core from the tube before removing the latter from the hair.

The interior of the mandrel and the core may be cylindric in form or conical, as preferred.

It has been proposed heretofore to make a curling-iron consisting of a conical tube or shell attached to a tubular handle, and a conical core for heating the shell adapted for insertion into the tube through the handle. An implement of such form is obviously incapable of use in the manner proposed for my improved device, but requires and is intended to be used by an entirely different mode of manipulation.

In the accompanying drawings, illustrating my improvement, Figure 1 is a side view of a hollow mandrel and core of cylinder form, the mandrel being shown in section. Fig. 2 is a similar view showing a hollow mandrel of cylindric and conical interior and a conical or tapering core.

In the said drawings, A is the tube or hollow mandrel, provided at one end with a solid handle, A', of ordinary form. In the case of a conical tube the handle is necessarily at the smaller end.

B is the core, which is made to fit within the tube A, and is provided at one end with a handle, B', which in the case of a conical core is necessarily at the larger end thereof to fall within my purpose. In short, the core is in any case constructed to enter at the free end of the tube A, or at the end remote from the handle A', so that when the tube and core are grasped by their handles—one in each hand—the core will be in convenient position for insertion in and withdrawal from the tube while the latter is still embraced by the hair.

In Fig. 1 the tube and core are shown as made of cylindric form; but in Fig. 2, while the tube is externally cylindrical, its interior is conical, with the smaller end of its hole toward the handle. The core in Fig. 2 is correspondingly tapering, with its larger end at the handle. In this form of the parts the core will come to a close bearing upon the tube when inserted, and will be readily loosened or started when withdrawn. The exterior surface of the tube is in both cases shown as of cylindric form, in order that it may be readily withdrawn from the hair wrapped around it without uncoiling the latter.

The primary object and advantage of the improved device, consisting of the tube and core provided with handles arranged as described, are that in its use the hair may be wrapped about the tube before the latter is heated, and when therefore it is in condition favorable for handling, and after the hair has been wrapped about the tube, and while the latter is held by the handle in one hand, the core can then be conveniently inserted into the tube for heating it, and thereafter withdrawn, while the tube is still retained in the other hand and in the hair.

I am not only aware of the construction hereinbefore referred to, in which the tubular part has a hollow handle through which the core is inserted, so that the handles stand at the same end of the tube and core when thrust one within the other for use, but I am also aware that another device has been proposed in which, instead of using a hollow handle through which the core is thrust into the tube, the tube is provided with a lateral projecting handle. Both of these devices are so

inconvenient and clumsy in use as to be substantially impracticable, while the device herein shown and described is found in practice to be easily and conveniently manipulated
5 by a natural movement and position of the hands, and without in any way obstructing the view of the reflection of the person using the device as she stands before the mirror. I distinctly disclaim the prior constructions referred to.
10

I claim as my invention—

The combination, in a curling-iron, of a tube provided at one end with a handle and having its opposite or free end open, and a heating-

core of suitable size to enter the tube by its free end, and also provided at one end with a handle, whereby when the parts are put together, one within the other, the handles are at the opposite ends of the implement, substantially as described. 15

In testimony that I claim the foregoing as my invention I affix my signature in presence of two witnesses. 20

RUFUS P. DUNN.

Witnesses:

M. E. DAYTON,

G. F. LANAGHEN.