No. 744,426. PATENTED NOV. 17, 1903.

C. O. STERLING.

CURLING IRON.

APPLICATION FILED MAY 23, 1903.

NO MODEL.

Fig. 1.

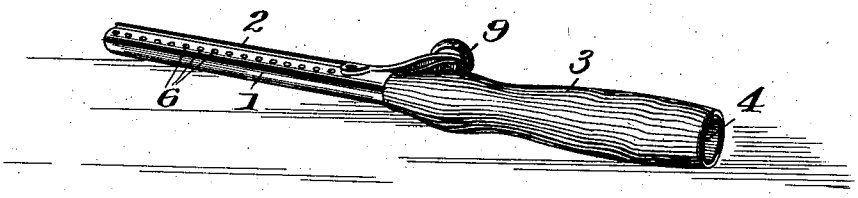


Fig. 2.

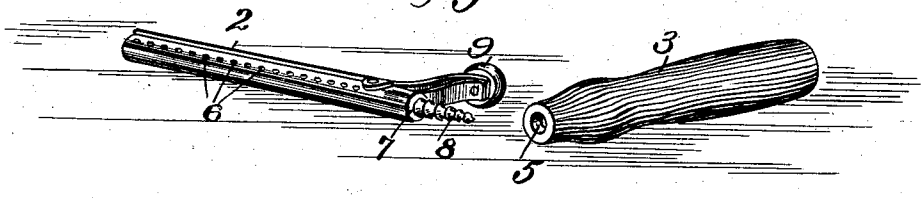
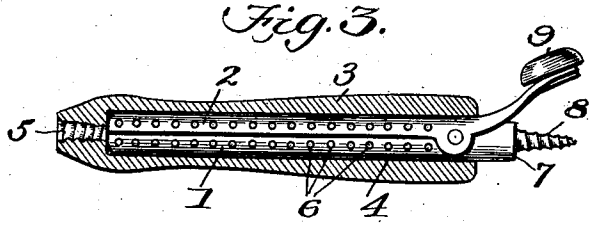


Fig. 3.



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No. 744,426. Patented November 17, 1903.

UNITED STATES PATENT OFFICE.

CHARLES O. STERLING, OF WASHINGTON, DISTRICT OF COLUMBIA.

CURLING-IRON.

SPECIFICATION forming part of Letters Patent No. 744,426, dated November 17, 1903.

Application filed May 23, 1903. Serial No. 158,522. (No model.)

To all whom it may concern:

Be it known that I, CHARLES O. STERLING, a citizen of the United States, residing at Washington, in the District of Columbia, have invented a new and useful Improvement in Curling-Irons, of which the following is a specification.

My invention relates to curling-irons, and has for its object to provide a device of this kind which will be extremely compact and self-contained.

With this object in view my invention consists in the improved construction and novel arrangement of parts of a curling-iron, as will be hereinafter more fully set forth.

In the accompanying drawings, in which each reference character indicates the same part in each of the views in which it occurs, Figure 1 is a perspective view of one form of curling-iron embodying my invention. Fig. 2 is a perspective view of the iron, showing the iron and handle separated. Fig. 3 is a vertical longitudinal sectional view of the handle with the iron arranged therein for packing or storing it away.

With the constantly-increasing use of electric and other forms of lighting in hotels in which it is impossible to heat curling-irons by the usual gas-jet and for the accommodation of persons traveling or being situated where it is impossible to quickly and conveniently heat a curling-iron it is necessary that some portable compact means be provided for obviating these difficulties. I have accomplished this object by constructing a curling-iron which I have found very compact and convenient and which comprises three parts—the ordinary perforated hollow iron 1, the clamp 2 therefor, and a hollow handle 3. The handle is formed of any suitable material—as, for instance, wood—and is of any suitable length and exterior diameter.

The handle 3 is provided with a longitudinal perforation 4, which extends nearly the entire length thereof, and the remaining portion is provided with a screw-threaded perforation 5, of less diameter, which extends from the bottom of the larger perforation to the end of the handle.

The iron 1 is of the ordinary construction, being perforated, as shown at 6, and made hollow for the reception of asbestos or absorbent material (not shown) for absorbing a suitable heating fluid, as alcohol. The handle end of the iron is reduced to form a shoulder 7 and an axially-arranged screw-threaded projection 8. The projection or shank 8 is adapted to be screwed into the perforation 5 and hold the handle and iron in axial alinement with each other when it is desired to use the iron.

Pivotally mounted upon the iron near the handle is the clamp 2, the rear end of which is provided with a thumb-piece 9, which normally projects beyond the shoulder 7 and is bent outwardly, so as to be at a suitable distance from and overhang the inner end of the handle 3. The handle and the iron are such lengths relatively to each other, preferably substantially equal, that when the iron is inserted within the opening in the handle its tip will rest upon the bottom of said opening and the shank end, with the thumb-piece, will project above the top of the handle, the thumb-piece overhanging the side of the handle.

By constructing the curling-iron as above described it will be seen that it can be separated and packed in very compact form, as the walls of the handle need only be of such thickness as to give sufficient rigidity thereto when in use and the opening therein be of a size sufficient to receive the handle with its clamp and prevent movement or rattling while therein.

By making the thumb-piece overhang the shank portion it is located conveniently for operation when in use and it will not extend above the same when in a suitable case, thereby permitting the cap of the case to come as near the top of the body of the case as possible without interferring with either of them.

In using my invention the iron is removed from the handle and the shank screwed into the inner portion of the handle, which will render the iron ready for use. The tip or open end of the iron is then inserted into any suitable liquid, as alcohol, which will cause the absorbent material within the iron to take up a sufficient quantity of the liquid for heating the same. A match is then applied to the gas issuing from the perforations in the iron, and the iron is held so as to cause the flames

to properly heat it. After being heated and used in the ordinary manner the iron is unscrewed from the handle, inserted in the handle, and the handle replaced in its case or receptacle.

Although I have shown what I consider the best means of constructing my invention, it will be readily seen that changes and alterations can be made therein, and I reserve the right to make such changes and alterations as will come within the scope of my invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a curling-iron, a perforated hollow body, one end of which is provided with a shoulder and an axially-extending screw-threaded shank, a hollow handle, one end of which is open and the other end is provided with a longitudinally-screw-threaded opening for the reception of the shank, and a clamp pivotally secured to the iron, the rear end of which projects laterally to overhang said shank and is provided with a thumb-piece.

2. In a curling-iron, a hollow handle, one end of which is open and the other end is perforated longitudinally, an iron, one end of which is provided with a shank to fit in the perforation of the handle, and a clamp pivotally secured to the iron, the rear end of which projects laterally so as to overhang the shank portion and is provided with a thumb-piece, the diameter of said iron and shank being such as to fit snugly within the hollow of the handle and their lengths being such relatively to the length of the handle that when so seated in said hollow, one end will rest against the bottom and the other end will project slightly beyond the end of said handle with the thumb-piece projecting to one side thereof.

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