

(No Model.)

R. NICOL, Jr.
CURLING IRON.

No. 469,375.

Patented Feb. 23, 1892.

Fig. 4.

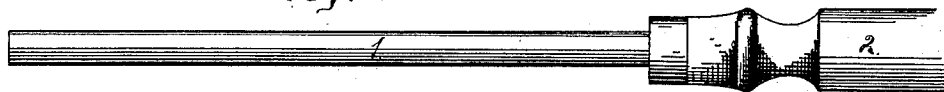


Fig. 1.

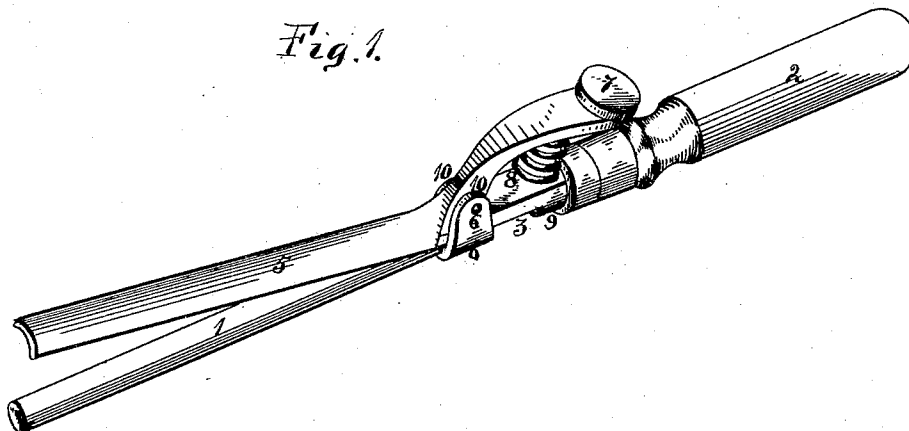


Fig. 2.

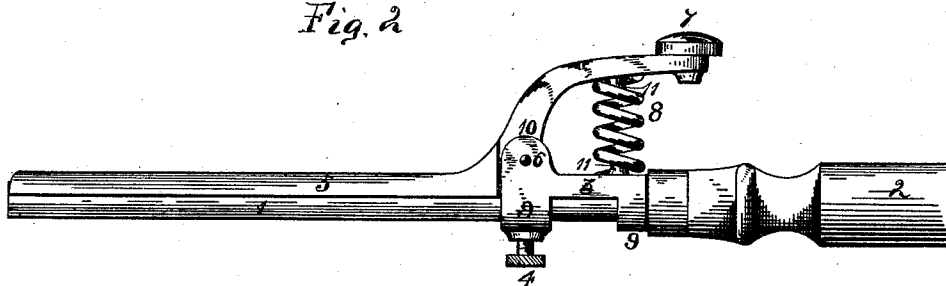
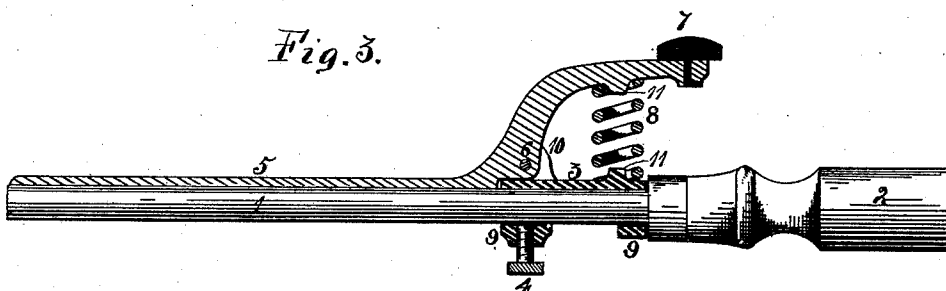


Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

ROBERT NICOL, JR., OF CHICAGO, ILLINOIS.

CURLING-IRON.

SPECIFICATION forming part of Letters Patent No. 469,375, dated February 23, 1892.

Application filed May 18, 1891. Serial No. 393,223. (No model.)

To all whom it may concern:

Be it known that I, ROBERT NICOL, JR., a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Curling-Irons, of which the following is a specification.

The object of this invention is to construct a simple and convenient device for curling hair.

In the accompanying drawings, Figure 1 is a perspective representation of my improved curling-iron. Fig. 2 is a side elevation. Fig. 3 is a longitudinal section through the pivoted jaw and its support. Fig. 4 is a view of the rod removed from the frame supporting the movable jaw.

My improved curling-iron consists of a rod of metal 1, of suitable size, set firmly into a handle 2, of wood or other suitable material. Over this rod 1 I slip a frame 3, which is detachably secured to it by a thumb-screw 4. Pivoted to this frame is the jaw 5 of the curling-iron, which grips the lock of hair that is to be wound about the iron. This jaw throughout its contact with the iron is crescent shape and covers about one-half of its circumference. The under side of the jaw is concave and has thin edges, that it shall not crease the hair, but make the curl as nearly round as possible. Rearwardly from the pivot 6 this jaw bends away from the iron and when at a convenient distance from it extends parallel therewith, terminating in a thumb-button 7. Between the parallel part of the jaw and the frame to which it is pivoted I interpose a spiral spring 8, which holds the jaw in contact with the iron rod. The frame 3, to which the jaw is pivoted, is constructed of two rings 9, the inside diameters of which are just sufficient to admit the iron, and these rings are rigidly joined together by a connecting-bar at one side. From the forward end of this connecting-piece arise two ears 10, between which is pivoted the jaw 5, before referred to. On the under side of the forward end of this frame and below this pivot I have provided a boss, through which I cut a thread and insert a thumb-screw 4, and by securing this against the iron when the frame is in position thereon I hold the frame and the jaw pivoted thereto from displacement, although it may be easily removed by loosening the thumb-screw when desirable so to do. To hold the spiral spring in its position

between the frame and the rearward end of the jaw, I have provided two bosses 11, one on the frame and one on the jaw, one being opposite the other and extending into opposite ends of the spiral spring to hold it from displacement.

The operation of my iron then is as follows: To heat the iron the thumb-nut is loosened and the frame bearing the jaw slipped off the iron, to which heat is then applied in the usual manner. When the iron rises to a suitable temperature, the frame is slipped over it to its place against the wooden handle and secured in position by turning the thumb-screw against the iron. Now grasping the handle the thumb is free to press the button at the rear end of the jaw, which force opens the jaw, compressing the spiral spring. The lock of hair to be curled is placed between the jaw and the iron, and releasing the pressure on the thumb-button the spring closes the jaw on the hair, holding it firmly between the jaw and the iron, which, being turned, winds the hair about them both. Pressing lightly on the button, the jaw is opened slightly and the hair wound thereon may be slipped off. Though I prefer to remove the frame and jaw from the iron when it is to be heated, it is evident that it may be left in position and the iron heated as in other curling-irons.

I claim as my invention—

1. A curling-iron comprising a metallic rod, a detachable frame mounted thereon, a thumb-screw for securing the frame to said rod, a jaw pivoted to said frame, and a spring for holding the jaw in contact with the rod.

2. A curling-iron comprising a metallic rod, a handle therefor, a frame on the rod in contact with the handle, said frame being detachably secured to the rod, a jaw pivoted to the frame, and a spring for holding the jaw in contact with the rod.

3. A curling-iron comprising a metallic rod, a handle therefor, a frame on the rod lying in contact with the handle, a thumb-screw for securing the frame to the rod, a jaw pivoted to the frame, a thumb-button on the jaw, and a spring for holding the jaw in contact with the rod.

ROBERT NICOL, JR.

Witnesses:

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