(No Model.)

M. THOMSEN.

CURLING IRON.

No. 527,466. Patented Oct. 16, 1894.

Fig. 1.

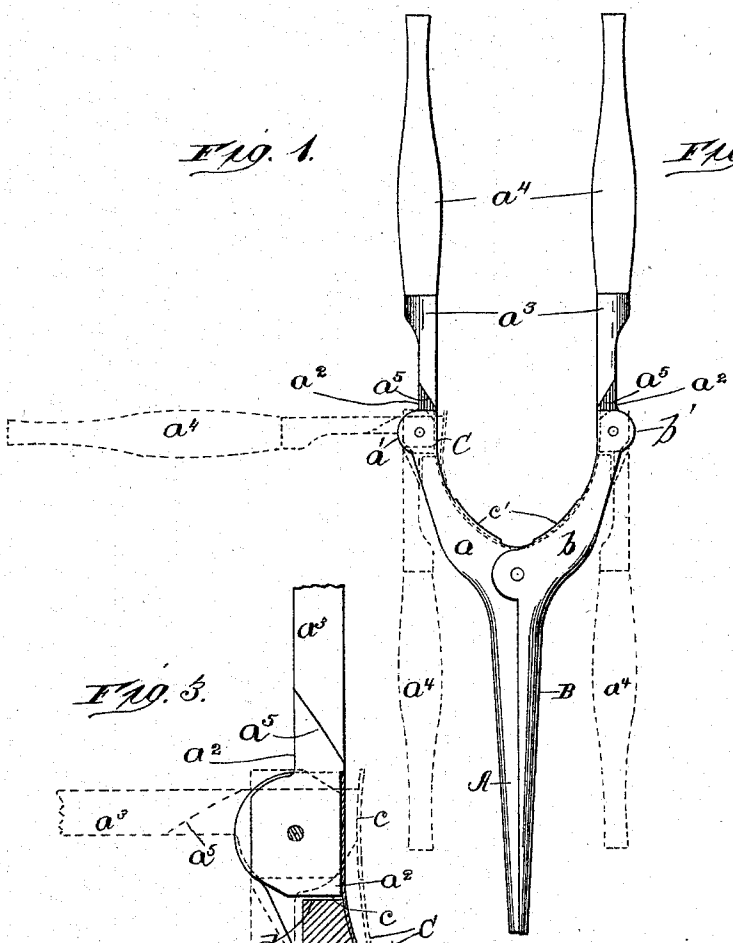

Fig. 2.

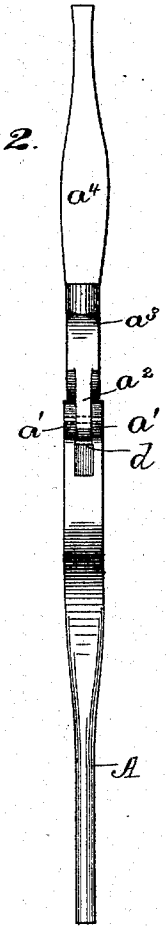

Fig. 3.

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UNITED STATES PATENT OFFICE.

MAX THOMSEN, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE M. THOMSEN MANUFACTURING COMPANY, OF SAME PLACE.

CURLING-IRON.

SPECIFICATION forming part of Letters Patent No. 527,466, dated October 16, 1894.

Application filed March 23, 1894. Serial No. 504,796. (No model.)

To all whom it may concern:

Be it known that I, MAX THOMSEN, 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.

This invention relates to improvements in devices used for crimping and curling the hair; and it consists in certain peculiarities of the construction, novel arrangement, and operation of the various parts thereof, as will be hereinafter more fully set forth and specifically claimed.

The object of my invention is to provide a simple and inexpensive curling-iron, the parts of which may be folded together into a compact form, so as to be readily carried in the pocket or any other suitable receptacle, and the handles of which may be so placed, that when it is desired to heat the iron they will rest on the top of the lamp-chimney and be free from injury by the heat of the flame and will not be soiled by the smoke thereof.

In order to enable others skilled in the art to which my invention pertains to make and use the same, I will now proceed to describe it, referring to the accompanying drawings, in which—

Figure 1, is a view in front elevation of my iron, showing it by continuous lines ready for use in curling the hair, and by dotted lines, the various positions in which the handles may be placed. Fig. 2, is an edge view thereof, and Fig. 3, is a view, partly in section of a portion of one of the handles, and the upper part of a portion of one of the curling-rods or spindles.

Similar letters refer to like parts throughout the different views of the drawings.

A, represents a spindle or rod, which is preferably made of metal, and has its upper portion turned outwardly forming an arm a, the upper portion of which is bifurcated or formed with jaws a', between which is inserted the tongue a^2, of the hand-piece a^3, which hand-piece is provided at its extremity with a handle a^4, made of wood or other suitable non-heat-conducting material. To the inner portion of the arm a, of the rod, is pivotally secured a semi-tubular-piece B, which is likewise formed with an outwardly extending arm b, and jaws b', to engage the tongue a^2, of its hand-piece a^3, which is also provided with a wooden or similar handle. The pieces a^3, are formed with recesses a^5, and are pivotally secured within the jaws of the pieces A, and B, as is clearly shown. The lower part of the tongues a^2, is formed with right-angular shoulders c, to engage similarly formed shoulders d, between the jaws a', of the pieces A, and B, so that when the handles are placed in position to be clasped by the hand they will engage the shoulders d, and cause the lower part of the spindles or pieces A, and B, to be separated when the handles are pressed together. The outer portion of the tongues is rounded as is clearly shown in Fig. 3, of the drawings, so that when the handles are turned to the positions indicated by dotted lines in Figs. 1, and 3, they will not contact with the shoulders d, of the pieces A, and B. Between the arms A, and B, is placed a bow or horse-shoe-shaped-spring C, which is held in position by means of flanges c', or any other suitable means. The upper ends of the spring C, extend to about the top of the jaws a', and b^4, of the pieces A, and B, and impinge with the inner surface of the tongues a^2, of the hand-pieces, thus holding the latter in vertical positions, and acting on the arms a, and b, so as to normally hold the pieces A, and B, in juxtaposition. When the hand-pieces are turned to a right-angle with the pieces A, and B, the ends of the spring will rest against the angular shoulders c^2, of the tongues and will assist in holding them in a horizontal position, as is evident. It will therefore be understood that the spring C, is employed not only for normally closing the parts A, and B, together, but also in acting upon the hand-pieces, as above stated.

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

1. In a curling-iron the combination of the pieces A, and B, pivotally secured together and having their upper portions bifurcated, with the separate hand-pieces pivotally secured within said bifurcations, and a bow-spring placed between the upper parts of the

pieces A, and B, with its ends bearing against the ends of the hand pieces and adapted to actuate them as well as the pieces A, and B, substantially as described.

2. In a curling-iron the combination of the pieces A, and B, pivotally secured together and having respectively at their upper portions the jaws a', b', and the right angular shoulders d', with the separate hand-pieces a^3, having the tongues a^2, provided with the shoulders c, said tongues being pivotally secured between the jaws, the bow-spring C, secured to the upper part of the pieces A, and B, with its ends bearing against the ends of the hand pieces and adapted to actuate them as well as the pieces A, and B, substantially as described.

3. In a curling-iron the combination of the pieces A, and B, pivotally secured together with a separate hand-piece pivotally secured to the upper end of each of the pieces A, and B, and having the rect-angular shoulders c, at their lower ends, and a bow-spring placed between the upper parts of the pieces A, and B, with its ends extending above the pivot point of the hand-pieces, said spring being adapted to actuate the pieces A, and B, and to engage the shoulders c, on the hand-pieces, whereby the same may be held in a horizontal position, substantially as described.

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Attest:
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