

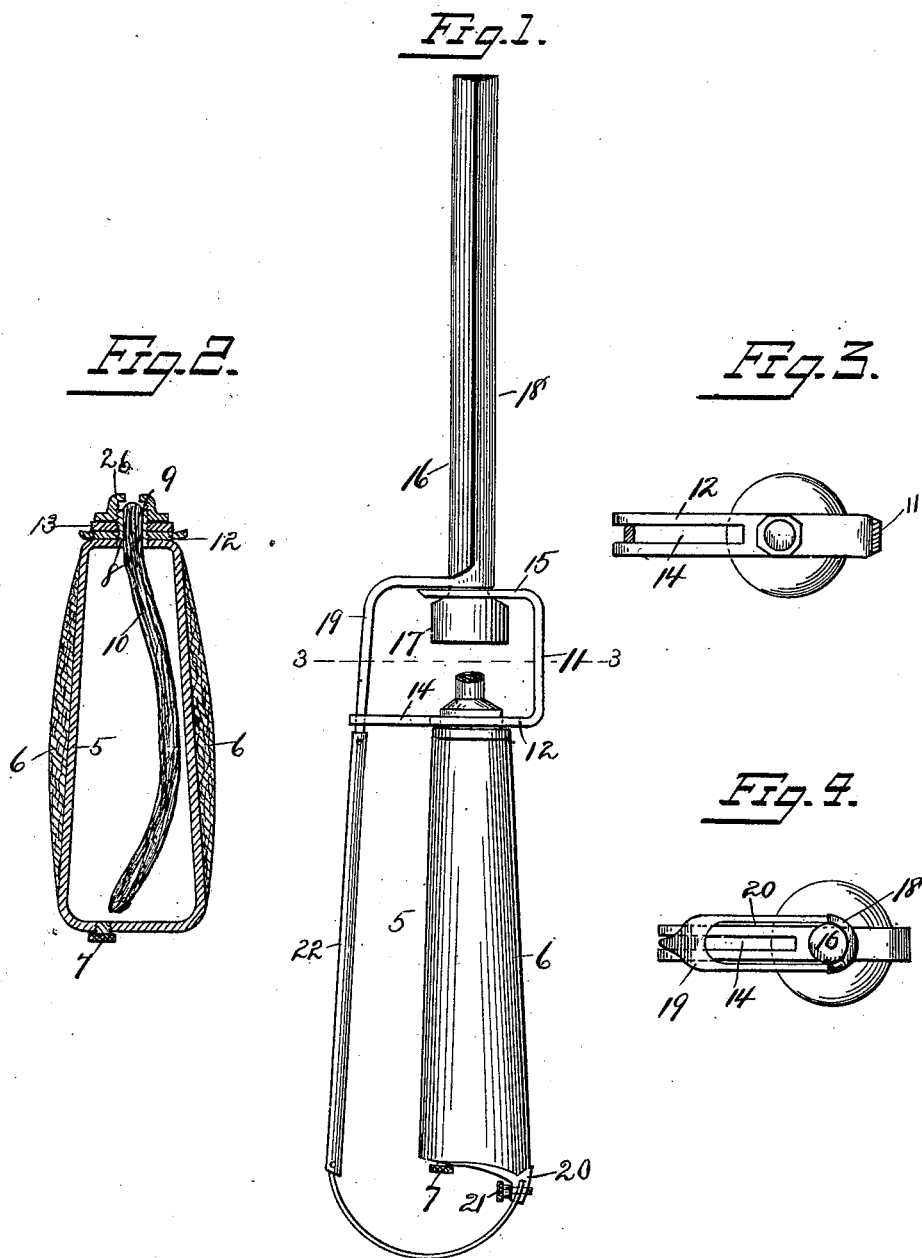
No. 646,543.

Patented Apr. 3, 1900.

M. J. MALOOF.
HAIR CURLER.

(Application filed June 18, 1897.)

(Model.)



WITNESSES
Albert Popkins.
A. E. Marshall

INVENTOR
Matthew J. Maloof
By *Charles J. Marshall*
Attorney

UNITED STATES PATENT OFFICE.

MATTHEW J. MALOOF, OF BALTIMORE, MARYLAND.

HAIR-CURLER.

SPECIFICATION forming part of Letters Patent No. 646,543, dated April 3, 1900.

Application filed June 18, 1897. Serial No. 641,337. (No model.)

To all whom it may concern:

Be it known that I, MATTHEW J. MALOOF, a citizen of the United States, residing at Baltimore, State of Maryland, have invented certain new and useful Improvements in Curling-Irons; and I do hereby 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.

My invention relates to curling-irons in general, and has for its object to provide a cheap and effective construction embodying both the curling-iron and a heater therefor, which latter may be ignited or extinguished at will and will be in position at all times to secure the desired result.

The advantages of my construction reside in the fact that with it a person may curl the hair at any time and at any place, being not dependent upon the usual lamp, gas-flame, or other means for heating the iron.

An additional advantage of my device is that one may make use of an alcohol-flame at all times, thus saving the iron from soot, which is incident to other heating means, and preventing the soiling of the hands and apparel, as also injury to the hair.

Referring now to the drawings forming a portion of the specification, and in which like figures of reference indicate similar parts in the several views, Figure 1 is an elevation showing my complete device. Fig. 2 is a vertical section of the handle portion. Fig. 3 is a section on line 3 3 of Fig. 1. Fig. 4 is a plan view of my device.

In constructing a device in accordance with my invention I provide a hollow handle 5, of metal or other suitable material and of any desired shape, which said handle is preferably provided with a coating 6 of wood or other non-conductor of heat, which said handle is provided at its lower end with an opening for the admission of a suitable fluid and which opening has a closing-screw 7 fitted therein. The upper end of the handle is provided with an opening 8, from which extends an exteriorly-threaded tube 9, forming a wick-tube, through which is passed a wick 10, reaching into the handle. Secured to the upper end of the handle is a frame 11, the foot 12 of which is provided with an opening for the re-

ception of the wick-tube 9, said foot being held thereon through the medium of a nut 13, screwed upon the wick-tube and against the foot, and above the nut 13 is placed a burner 26.

The frame 11 is substantially U-shaped, the foot 12 extending beyond the wick-tube and provided with a slot 14 for a purpose as will be presently explained. The upper foot 15 of the frame is likewise provided with a perforation, through which is passed a metallic curling-tube 16, having at its lower end a block 17, which block lies within the frame and is perforated to correspond with the bore of the tube. A clamp 18 is held against the side of the tube through the medium of a spring-band 19, formed, preferably, integral therewith, said band having a slot 20, inclosing the tube 16, said band extending downwardly and parallel with the handle 5 and with its lower end curved and attached to a projection 20 at the farther side of the lower end of the handle. The band is shown as secured in place through the medium of a set-screw 21, passed through corresponding openings in the band and the projection 20. The band 19 passes through the opening 14 in the foot 12 and is provided with a wood or other suitable plate 22 to prevent conduction of heat to the hand of the operator.

The operation of my device, which is as follows, will be readily understood. The handle 5 being provided with a wick and a suitable liquid filling the wick is ignited and the blaze is regulated through the medium of a cap 26, screwed upon the wick-tube and having a central opening corresponding to that of the wick-tube. The block 17, being directly above the wick-tube and in proximity thereto, will receive heat from the flame, and thus will the curling-tube 16 be raised to the desired temperature, such effect being also secured by reason of the heat of the flame passing within the curling-tube. When the curling-tube 16 has become heated to the desired extent, the flame of the wick is extinguished, and by pressure of the spring-band 19 in the direction of the handle 5, which will be readily accomplished by the fingers as the device is held in the hand, the clamp 18 will be moved from engagement with the curling-tube 16 and will receive between it and the said curling-tube the hair to be curled.

Upon then releasing the band 19 the curling-tube and clamp will grasp the hair, which may then be operated upon in the usual manner.

It will be readily understood that I may vary the specific construction of my device, as also the material of which it is formed, without departing in any way from the spirit of my invention.

Having thus described my invention, what I claim is—

1. A device of the class described comprising a reservoir having a wick-tube, a frame secured to the reservoir and provided with a slot, a curling-tube carried by the frame above the wick-tube, a clamp adapted to lie against the tube and having a spring extension provided with a slot inclosing the tube, said extension passing through the slot of the frame parallel with the reservoir and secured thereto.

2. A device of the class described compris-

ing a reservoir having a burner, a frame secured to the reservoir and having a slot, said frame extending upwardly and laterally above the burner, the lateral extension thereof having an opening, a curling-tube passed through the said opening and having an enlarged lower end within the inclosure of the frame, a clamp adapted to lie against the tube and having a spring extension provided with a slot inclosing the tube, said extension passing through the slot of the frame parallel with the reservoir and attached thereto at its lower end, and a non-conducting covering for the reservoir and the adjacent portion of the said extension.

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

MATTHEW J. MALOOF.

Witnesses:

GEO. H. CHANDLEE,

FRANK D. BLACKSTONE.