

H. Christian.
Curling Iron.

Patented Sept. 26. 1865.

N^o 50095.

Fig. 1.

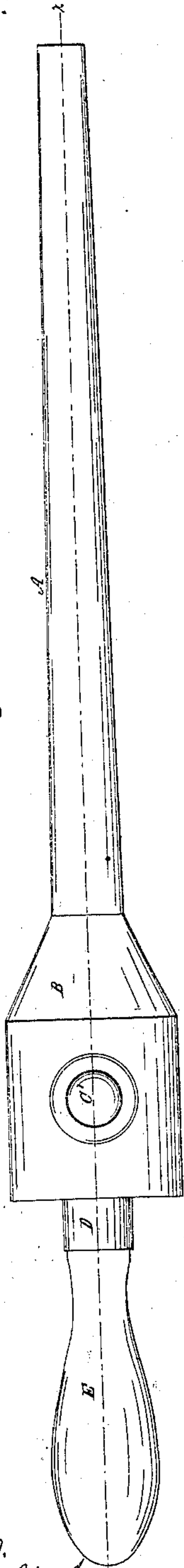
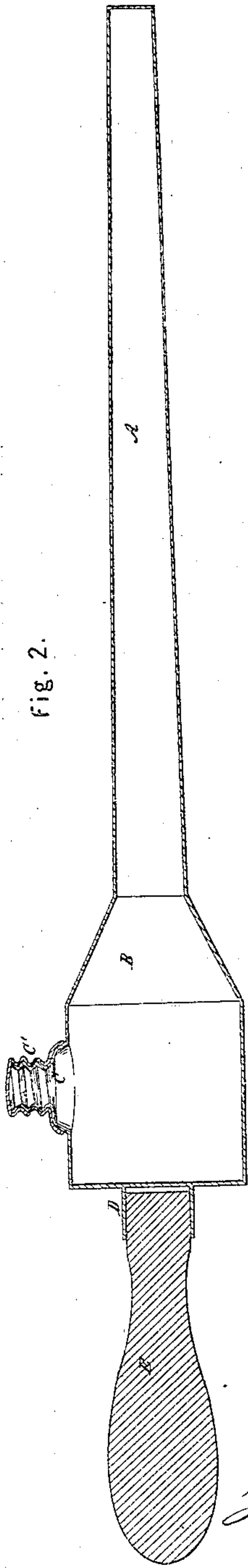


Fig. 2.



Witnesses.

Wm. P. Simon
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By his attorney.
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UNITED STATES PATENT OFFICE.

HIBBARD CHRISTIAN, OF NEW YORK, N. Y.

IMPROVEMENT IN CURLING-IRONS.

Specification forming part of Letters Patent No. 50,095, dated September 26, 1865.

To all whom it may concern:

Be it known that I, HIBBARD CHRISTIAN, of New York, of New York county, in the State of New York, have invented a new and useful Improvement in Curling-Irons; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this application.

My invention relates to a novel mode of forming and heating curling-irons for curling hair.

Previous to my invention it has been customary to employ for the purpose of curling hair an iron bar, round in cross-section and slightly tapering longitudinally, which had to be heated, previous to its use, in a fire or over a spirit-lamp. This kind of curling-iron and its use are well understood by ladies generally and hair-dressers. The principal objections to the use of this kind of curling-iron are the necessity for a hot fire (a coal-fire is generally necessary) or a spirit-lamp, and the great danger of burning or injuring the hair by having the iron too hot, which often occurs in its use by comparatively inexperienced persons.

It has been suggested to make a curling-iron of a hollow bar or tube, into which a highly-heated iron bar was to be inserted previous to its use, and I believe that curling-irons have been made and used to some extent thus constructed; but the use of the heated iron involves the first objection ascribed to the old-fashion solid iron, and this last-named construction of iron, while avoiding probably the danger of burning the hair by direct contact with the hot or highly-heated iron, involves a considerable amount of trouble and inconvenience in its use, and is more expensive than the other kinds of curling-irons.

My invention has for its object to afford a curling-iron which shall be simple and economical, which shall not be required to be heated in a fire or over a lamp, and which, while it may be made hot enough to effectually curl the hair, cannot be heated so as to injure the hair; and to these ends my invention consists in a hollow metallic tube, having an enlarged por-

tion at one end to be filled with hot water, and adapted to readily receive and perfectly retain the heating medium, all as hereinafter more fully explained.

To enable those skilled in the art to which my invention relates to fully understand it, I will proceed to describe the construction and operation of one of my improved curling-irons, referring by letters to the accompanying drawings, in which—

Figure 1 is an elevation of my improved curling-iron. Fig. 2 is a longitudinal section of the same at the line *x x*, Fig. 1.

In the several figures the same letters denote the same parts.

A is a hollow tapering tube, about corresponding in shape externally to the usual curling-iron. This tube A is closed at its smaller end, but at its larger end communicates with a sort of reservoir or enlarged portion, B, which may be of any desired shape, and which is provided with a nozzle or mouth, C, which has a screw cap or cover, C', fitted to it, very much after the fashion of a Mason & Chase preserve-can top, only smaller.

E is a wooden or other handle fitted and secured to the reservoir or enlargement B, as clearly shown. When the iron is to be used the cap C' is removed, and the reservoir and tube A filled with hot water, as illustrated by the blue tint in Fig. 2. The screw-cap C' is then replaced, and the instrument is ready for use, and is applied in the well-known manner.

It will be seen that by the employment of a curling-iron, such as described, filled with hot water, all danger of burning the hair is avoided, since the iron cannot be heated hot enough for this with water.

By my invention it will be understood it is not necessary to have a hot fire at hand to heat the iron, which is simply filled with water, which may be heated quickly over a wood-fire, or be drawn from the faucets by which most houses now are supplied with hot water. I have found by experiment that a dozen curls of ladies' hair may be perfectly formed with one supply of hot water in my improved curling-iron.

Of course the form and capacity of the reser-

voir B may be varied at pleasure, or it may be found expedient to simply make the tube A longer and form the mouth and screw-cap on its side and dispense with the reservoir altogether.

Having fully explained the construction and operation of my improved curling-iron, what I claim as new, and desire to obtain by Letters Patent, is—

A hollow curling-tube adapted to receive and retain a supply of hot water as a heating medium, substantially as set forth.

In testimony whereof I have hereunto set my hand and seal this 8th day of July, 1865.

H. CHRISTIAN. [L. S.]

In presence of—

J. N. McINTIRE,

E. M. McINTIRE.