(No Model.)

E. ELZENHEIMER.

HAIR FRIZZLING IRON.

No. 325,515. Patented Sept. 1, 1885.

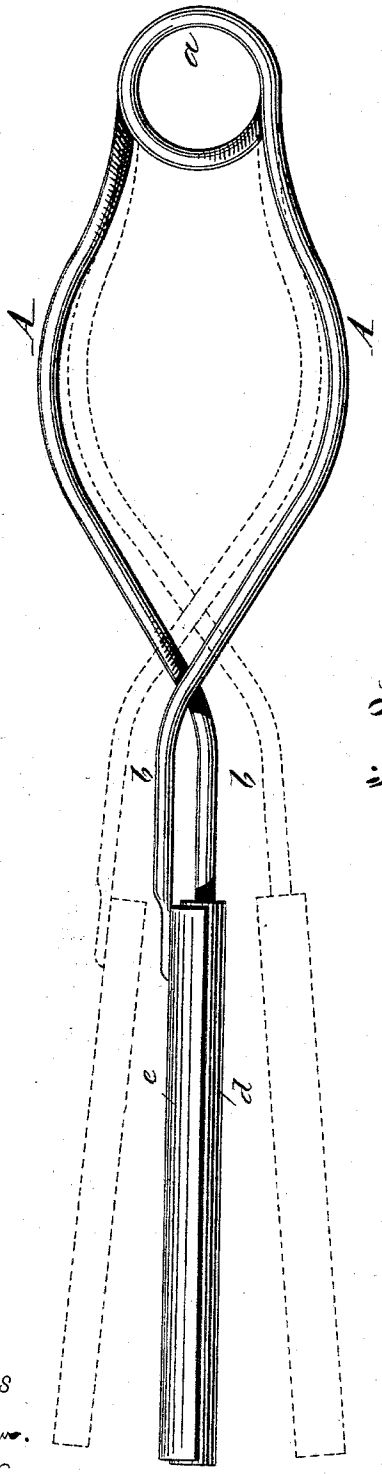


Fig. 1.

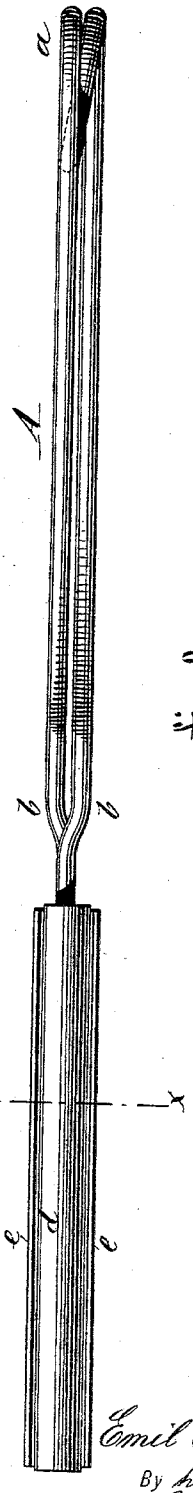


Fig. 2.

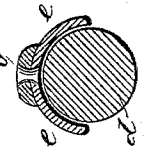


Fig. 3.

WITNESSES

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EMIL ELZENHEIMER, OF TOLEDO, OHIO.

HAIR-FRIZZLING IRON.

SPECIFICATION forming part of Letters Patent No. 325,515, dated September 1, 1885.

Application filed March 28, 1885. (No model.)

To all whom it may concern:

Be it known that I, EMIL ELZENHEIMER, of Toledo, in the County of Lucas and State of Ohio, have invented certain new and useful Improvements in Hair-Frizzling Irons, of which the following is a specification.

This invention has reference to an improved hair-frizzling iron for the use of wig-makers, hair-dressers, &c., by which a uniform pressure is exerted on the hair to be frizzled; and the invention consists of a hair-frizzling iron the handle of which is of bent wire, with a spiral spring at one end and crossing legs at the other end, the cross-legs being provided, respectively, with a solid and a semicircular piece, between which the hair is interposed for being frizzled.

In the accompanying drawings, Figure 1 represents a side view, Fig. 2, an end view, and Fig. 3 a vertical transverse section on line *x x*, Fig. 2, of my improved frizzling-iron.

Similar letters of reference indicate corresponding parts.

A in the drawings represents the spring handle of my improved frizzling-iron, which handle is made of one continuous piece of wire of suitable thickness, and bent at one end into a spiral, *a*, that exerts a spring action on the opposite ends of the handle. The opposite ends *b b* of the handle A cross sidewise each other and are made parallel, and provided, respectively, with a solid cylindrical piece, *d*, of metal, and a semicircular piece or shell, *e*, that fits over the solid piece *d*. The spring *a* holds the cylindrical piece *d* and shell *e* tightly together. By pressure on the middle bulging portions of the handle the parts *d* and *e* are separated, as shown in dotted lines in Fig. 1. The ends of the hair to be frizzled are interposed between the heated pieces *d* and *e*, and the hair then wound up around the same by turning the frizzling iron, so as to be frizzled by the same.

My improved frizzling-iron has the advantage that it can be cheaply manufactured, owing to its simple construction, that by the spring of the handle a uniform pressure is imparted on the ends of the hair, and that the instrument can be conveniently handled and the frizzling operation facilitated.

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

A hair-frizzling iron consisting of a handle made of one continuous piece of wire, having a spiral spring at one end, and sidewise crossing and parallel opposite ends, the latter being provided, respectively, with a cylindrical piece and a semicircular shell, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

EMIL ELZENHEIMER.

Witnesses:

T. B. TUCKER,

WM. H. TUCKER.