

D. FOBES.
HAIR-CRIMPER.

No. 179,693.

Patented July 11, 1876.



Fig. 1.

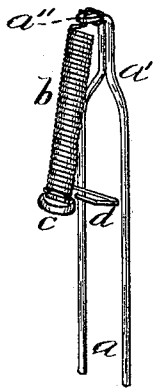


Fig. 2.

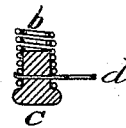


Fig. 3.

WITNESSES

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IMPROVEMENT IN HAIR-CRIMPERS.

Specification forming part of Letters Patent No. **179,693**, dated July 11, 1876; application filed April 13, 1876.

To all whom it may concern:

Be it known that I, DANIEL FOBES, of Cambridge, in the county of Middlesex and State of Massachusetts, have invented a new and valuable Improvement in Hair-Crimpers; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention is fully described below.

In the accompanying illustration, Figure 1 is a view of my hair-crimper in use. Fig. 2 is a view of the same when not in use. Fig. 3 is a sectional view of the knob, spring, and clasp.

Similar letters of reference indicate corresponding parts.

a represents a fork, made somewhat like a common hair-pin, but bent in at *a'*, and bent over at about a right angle at *a''*. Attached to the portion *a''* of the fork is a spiral spring, *b*. Placed in the opposite end of the spring *b* is the knob *c*, made long enough to extend a short distance into said spring. A clasp, *d*, made of the proper size and shape to embrace the two prongs of the fork *a*, is attached

to the knob *c*, passing entirely through it, and projecting somewhat beyond the opposite side, so that a coil of the spring may be placed over the clasp *d* upon each side the knob, and thus be held in place, as shown in Fig. 3.

In practical operation, the crimper, as seen in Fig. 2, is wound around, or braided, or otherwise supplied with hair. The fork *a*, being operated upon as a hair-pin, is used when taking the place of a crimper, and the clasp *d* is then drawn down over the ends of the fork *a*, by means of the knob *c*. The spring *b* quickly draws it up tightly against the hair, compressing it, as seen in Fig. 1.

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

A hair crimper, consisting of a hair-pin or fork, to the closed end of which is attached a spiral spring, said spring being provided with a knob, *c*, and clasp, *d*, substantially as and for the purpose herein set forth.

DANIEL FOBES.

Witnesses:

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