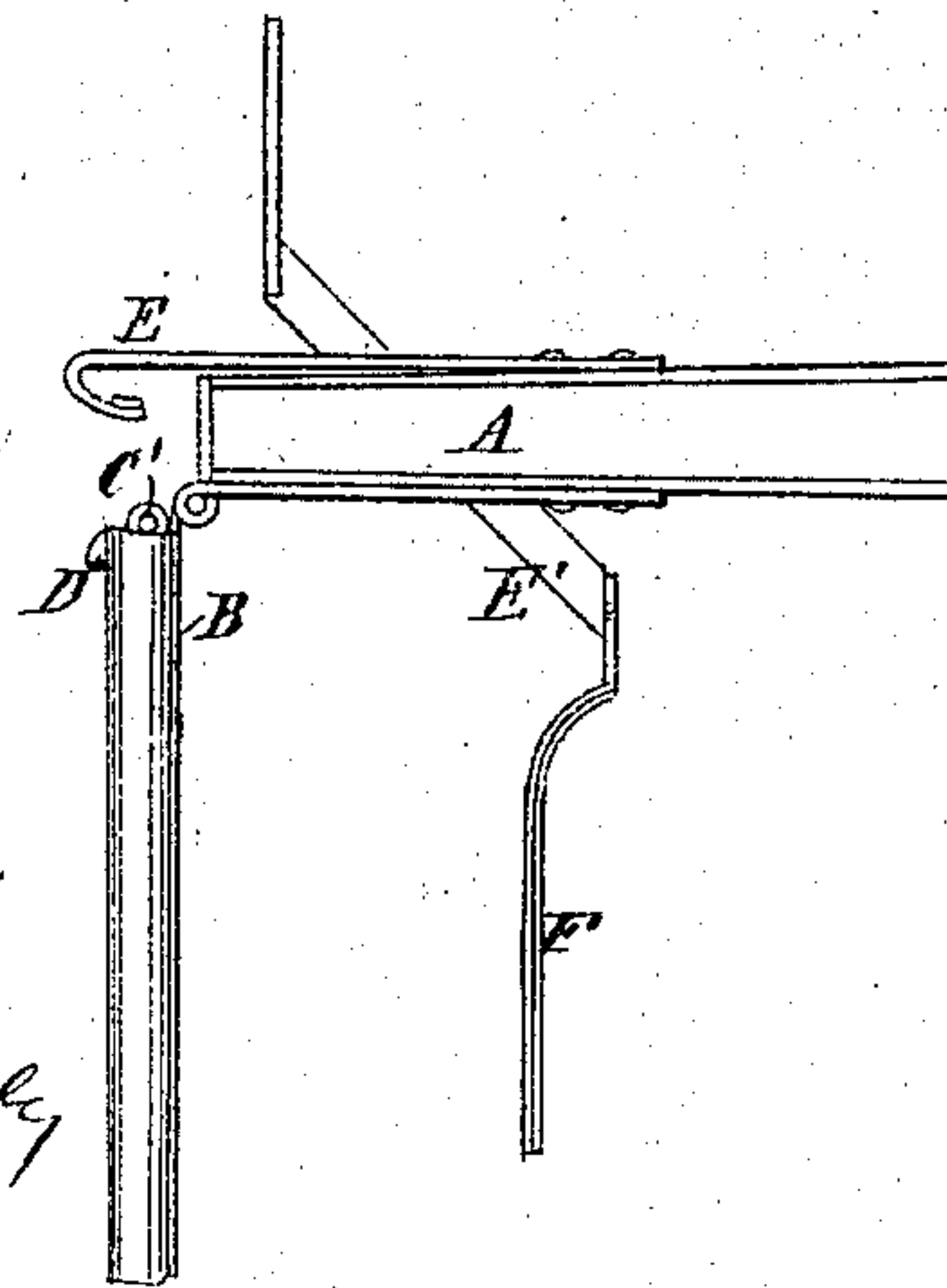
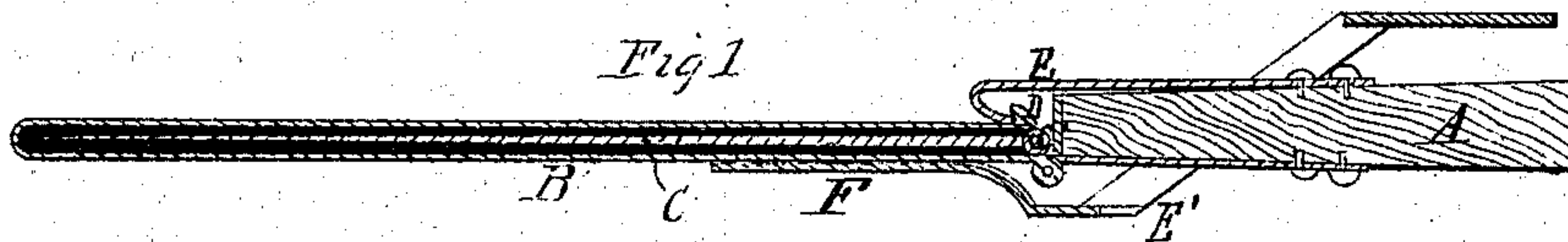


C. Markley.

Hair Curler

117439

PATENTED JUL 25 1871



Witnesses

H. H. Kane
Chas. M. Hanson.

Inventor

Charles Markley
by
Thos. A. Connolly
my Atty

UNITED STATES PATENT OFFICE.

CHARLES MARKLEY, OF NEW YORK, N. Y.

IMPROVEMENT IN HAIR-CURLERS.

Specification forming part of Letters Patent No. 117,439, dated July 25, 1871.

To all whom it may concern:

Be it known that I, CHARLES MARKLEY, of New York, in the county of New York and State of New York, have invented an Improved Curling-Iron for Curling Hair, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a longitudinal sectional view of my invention. Fig. 2 is an outside view of the same in a different position.

This invention has relation to devices for curling hair by means of heated metal rods or cylinders around which the hair is wound and the curl shaped, the same retaining its form after the curler is withdrawn; and the novelty consists in the mode of securing said hollow curler to its handle, and in providing it with a device for closing it up after the insertion of the heated rod and holding the end of the hair.

In the accompanying drawing illustrating this invention, A represents the handle of the curler; B, the hollow curler, made of any suitable material, which should be smoothly polished, or, better still, plated with silver, so that it may be withdrawn from the hair without disarranging it. C represents the heating-rod, which, after being properly heated in the fire, is inserted in the curler B. Any number of irons may be used, so that one may be placed in the curler while the others are in the fire, so as to save time.

By means of such devices the necessity of placing the curler in the fire is obviated.

If the curler be placed in the fire the outside only becomes heated; consequently it very soon be-

comes cool, unless it be heated to such a degree as to endanger the hair. Then, again, the particles in the fire cling to the outside of the curler, and after a few insertions it becomes very rough and unfit for use. These objections do not apply to my curler. The iron rods alone are brought into contact with the fire, and may be thoroughly heated. When placed in the curler the heat passes from the inside and heats the same all through. C' represents an eye on the end of the heating-rod, into which the end of another rod may be inserted to take it from the fire. The curler B is hinged to the handle A, so that it may be thrown back to insert the rod C. D represents a stud, which engages with a spring, E, on the side of the handle to hold up or lock the curler in position. E' represents a lever having a concave head-piece, F, which fits against the outside of the curler, and is designed to hold it firm, and also to hold the end of the hair while the same is being curled.

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

1. The case B hinged to the handle A, substantially as described.
2. The stud D and spring E, in combination with the hinged case B and handle A, as and for the purpose described.

April 1, 1871.

CHARLES MARKLEY.

Witnesses:

BENJ. POND,
MICHAEL FARNHAM.