

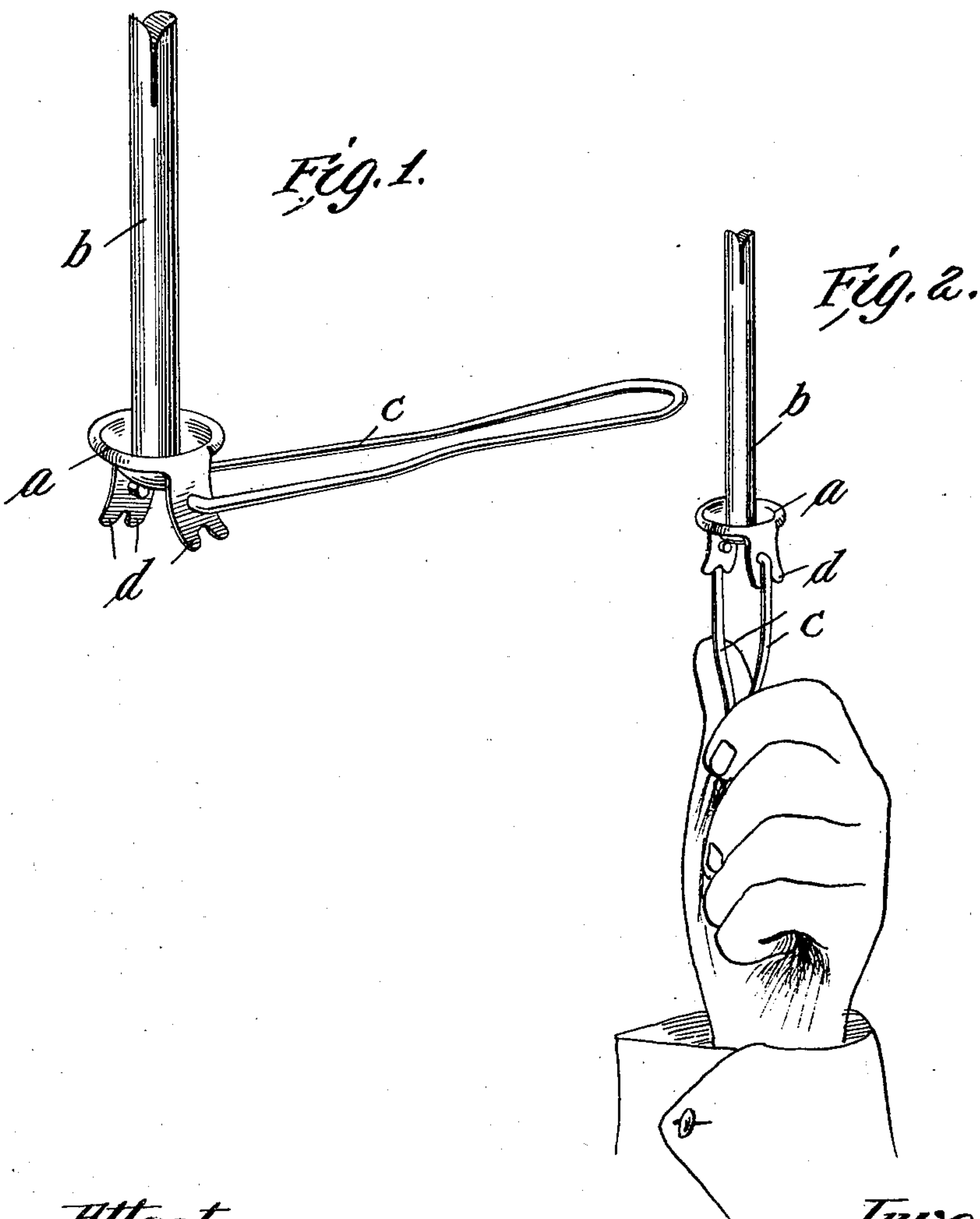
No. 671,838.

Patented Apr. 9, 1901.

R. REACH.  
HAIR CURLER.

(Application filed Dec. 29, 1900.)

(No Model.)



Attest  
L. B. Middleton  
E. L. Reed

Inventor  
Robert Reach  
by *Wm. Spear*  
Atty.

# UNITED STATES PATENT OFFICE.

ROBERT REACH, OF PHILADELPHIA, PENNSYLVANIA.

## HAIR-CURLER.

SPECIFICATION forming part of Letters Patent No. 671,838, dated April 9, 1901.

Application filed December 29, 1900. Serial No. 41,474. (No model.)

*To all whom it may concern:*

Be it known that I, ROBERT REACH, a citizen of the United States, residing at Philadelphia, Philadelphia county, Pennsylvania, have invented certain new and useful Improvements in Curling-Irons, of which the following is a specification.

My invention is designed as a curler for hair, and is adapted equally for the use of men in the curling of mustache as to the use of ladies.

I have aimed to produce a very simple device complete in itself and adapted to be heated by the use of a small proportion of alcohol or like fluid, thus preventing the blackening of the iron and enabling its use instantly and in any situation.

The invention comprises the base, in the form of a cup adapted to receive a portion of the burning fluid, the curling-iron extending upwardly from the center of this cup. The cup is provided with a handle, which is preferably folding.

In the drawings, Figure 1 represents the device in the position in which the iron is being heated. Fig. 2 represents it as in use.

The base of the article is shown at *a* and is of cup form, with the iron *b* extending centrally from the bottom of the cup and made, preferably, of wire of suitable thickness. It is bifurcated at its upper end, so as to allow the hair to be inserted. The recess at the base of the iron, which is of cup shape, is adapted to contain a small proportion of alcohol or a similar burning fluid, and this is ignited with the result that the iron *b* is quickly and uniformly heated, and as soon as the alcohol is consumed the iron is ready for use. The base *a* is provided with a han-

dle *c*, made of wire, and this is attached to the base, so as to be folded when not in use. The base has lateral projections *d*, with a central depression between, and when the parts of the handle are sprung over the projections into the depression the handle is held in line with the iron, and the article is then ready for use. While being heated the handle may be moved to a right-angular position and this will permit the base to rest securely on any flat surface.

The article may be of any size, according to requirements.

The cup, if desired, may be filled with asbestos or other absorbent non-combustible material and this material saturated with the alcohol or like fluid.

What I claim is—

1. A curling-iron having a base forming a cup around the end of the iron adapted to hold a liquid fuel, substantially as described.

2. A curling-iron comprising a solid stem, a base secured thereto forming a shallow cup around the end of the stem, supporting-legs secured to the base, a pivoted handle forming a third leg when in one position, said legs coacting with said handle to hold the same rigidly in alinement with the stem, substantially as described.

3. A curling-iron having a solid stem with one end slitted, and a base forming a cup about the opposite end of the stem, substantially as described.

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

ROBERT REACH.

Witnesses:

C. S. MIDDLETON,  
HENRY E. COOPER.