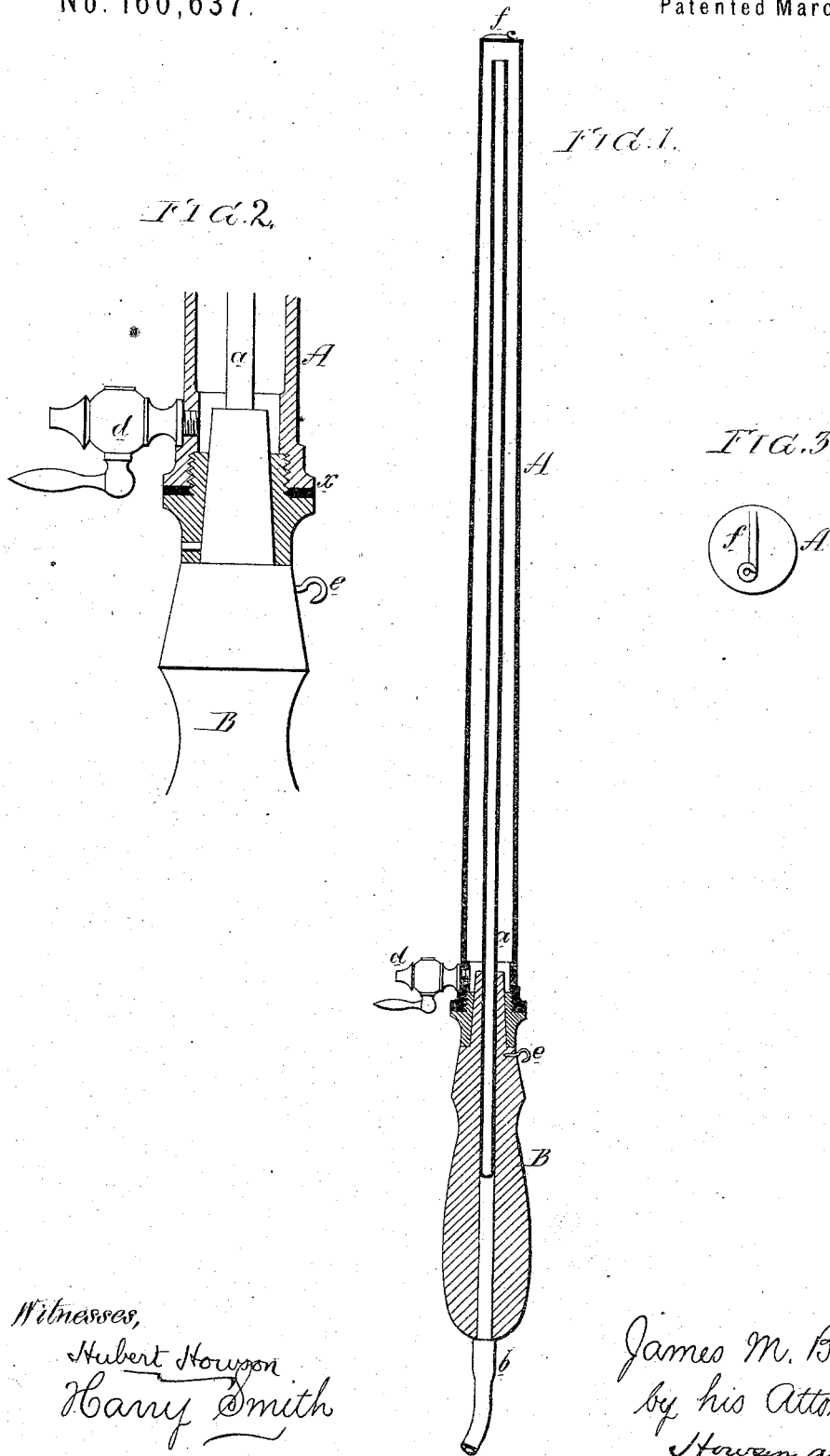


J. M. BAXTER.
Curling-Iron.

No. 160,637.

Patented March 9, 1875.



Witnesses,
Hubert Houghton
Harry Smith

James M. Baxter
by his Attorneys
Howen and Son

UNITED STATES PATENT OFFICE.

JAMES M. BAXTER, OF CAMDEN, N. J., ASSIGNOR OF ONE-HALF HIS RIGHT
TO JOSEPH D. OPPENHEIMER, OF PHILADELPHIA, PA.

IMPROVEMENT IN CURLING-IRONS.

Specification forming part of Letters Patent No. 160,637, dated March 9, 1875; application filed
February 11, 1875.

To all whom it may concern:

Be it known that I, JAMES M. BAXTER, of Camden, New Jersey, have invented certain Improvements in Curling-Irons, of which the following is a specification:

The object of my invention is to so construct a curling-iron that it can be readily heated either by steam or hot water, and this object I attain in the manner which I will now proceed to describe, reference being had to the accompanying drawing, in which—

Figure 1 is a sectional view of my improved curling-iron; Fig. 2, a detached sectional view drawn to an enlarged scale, and Fig. 3 an end view.

The body of the iron consists of a metal tube, A, closed at the outer end, the opposite end being screwed onto a ferrule on the handle B, a packing, *x*, being employed to secure a tight joint. A tube, *a*, extends through the handle B, and to within a short distance from the closed outer end of the tube A, a flexible pipe, *b*, being attached to the rear end of the inner tube for conveying steam to the interior of the outer tube. A waste-cock, *d*, is attached to the tube A near its junction with the handle, being opened when steam is first admitted, and also at intervals for the escape of the water of condensation.

When hot water is used for heating the iron the handle B is removed, the tube A filled with the hot water and the handle reattached to the tube.

With curling-irons as usually constructed

difficulty is experienced in curling what are known as "weft curls," which consist of short hairs attached at one end to a strip of textile fabric, which is connected to a hook or pin, *e*, on the handle, the row of hair extending along the tube A, and being formed into a series of short curls by one operator while the outer end of the strip is held by another, with whose services I dispense by attaching a clip, *f*, to the outer end of the iron, as shown in Figs. 1 and 3, the end of the strip being secured to this clip *f*, so as to enable one operator to perform the work which formerly demanded the labor of two.

I claim as my invention—

1. In a curling-iron, the tube A, closed at its outer end and provided with a waste-cock, *d*, in combination with a detachable handle, B, adapted to the inner end of the said tube A, and provided with a pipe, *a*, all substantially as and for the purpose set forth.

2. The combination, in a curling-iron, of the hook or pin *e*, attached to the handle B, with the clip *f*, secured to the outer end of the tube A, all substantially as and for the purpose set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES M. BAXTER.

Witnesses:

HUBERT HOWSON,
HARRY SMITH.