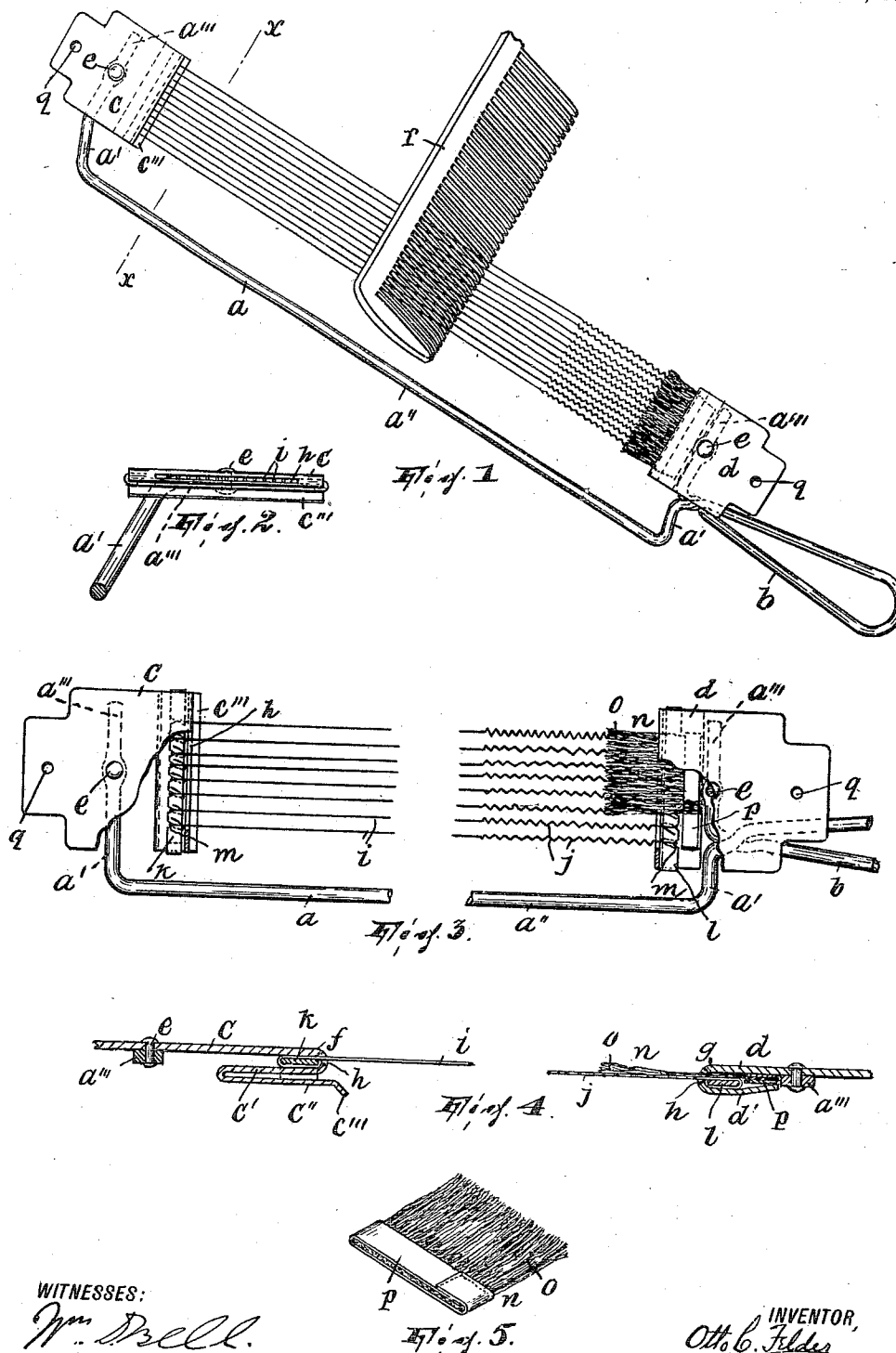


O. C. FELDER.
 COMB CLEANER.
 APPLICATION FILED JULY 18, 1910.

979,660.

Patented Dec. 27, 1910.



WITNESSES:
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UNITED STATES PATENT OFFICE.

OTTO C. FELDER, OF PATERSON, NEW JERSEY.

COMB-CLEANER.

979,660.

Specification of Letters Patent.

Patented Dec. 27, 1910.

Application filed July 18, 1910. Serial No. 572,414.

To all whom it may concern:

Be it known that I, OTTO C. FELDER, a citizen of the United States, residing in Paterson, Passaic county, New Jersey, have
5 invented a certain new and useful Improvement in Comb-Cleaners; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as
10 it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

15 This invention relates to devices for use in cleaning hair-combs and the like, and it has for its object to provide a device of this nature, simple and inexpensive in construction, whereby a comb may be cleaned with
20 facility and thoroughness.

The invention is fully illustrated in the accompanying drawing, wherein,

Figure 1 is a perspective view of the device, showing a comb in position to be
25 cleaned thereby; Fig. 2 is a sectional view on line *x-x* of Fig. 1; Fig. 3 is a plan view of the device, certain parts thereof being broken away; Fig. 4 is a longitudinal sectional view; and, Fig. 5 illustrates a detail.

30 In the drawing, *a* is a bow-shaped frame preferably formed of heavy wire and having a handle *b* produced by twisting a loop in one end portion of the wire. The parts *a'* stand at right angles to the intermediate
35 part *a''* of the frame (Fig. 3), while the parts *a'''* stand each at an obtuse angle to the corresponding part *a'* (Fig. 2).

c and *d* designate two sheet metal plates which are carried by the parts *a'''* of the
40 frame, each being secured thereto by a rivet *e*. The plate *c* has its inwardly projecting portion bent downwardly and back upon itself to form the fold *c'*, and then downwardly and back upon itself again to form
45 the fold *c''*, the extremity *c'''* of the fold being deflected downwardly at an obtuse angle to form a cleaning edge. The plate *d* has its inwardly projecting portion bent downwardly and back upon itself to form
50 the fold *d'*.

At the first bend *f* in the plate *c* and at the corresponding bend *g* in the plate *d* a

slit *h* is formed, each slit being adapted to receive the parallel wires or the like *i*, each wire at one end being crinkled or crooked, 55 as at *j*.

To hold the ends of the wires in the plates *c* and *d* strips *k* and *l* are provided, the ends of the wires being bent around said strips (Fig. 3) and preferably engaging in notches 60 *m* formed in the laterally outer edge of each strip. The strip *k* is received between the fold *c'* and the body portion of the plate *c* and bears against the bend *f*. The strip *l* occupies a similar position between the body 65 portion of the plate *d* and the fold *d'* thereof. As indicated in Figs. 2 and 4 the ends of the strip *k* may be rebent and inserted between the folds *c'* and *c''*. A flat brush *n*, comprising the bristles *o* and a metallic 70 strip *p* bent upon itself to form a holder for the bristles (Fig. 5), is arranged to project from the plate *d* over the wires, the holder lying between the body portion of the plate *d* and its fold *d'* while the bristles protrude 75 through the slit *h*.

When the strips *k* and *l* and the brush have been assembled with the plates in the manner above described, the folds of the plates are flattened or compressed to secure 80 said strips and the brush therein.

q designates holes in the plates, each designed to receive a nail for suspending the device when not in use.

In using the device it is held in one hand 85 and then the comb *r* is moved back and forth in such relation thereto that the wires *i* enter between the teeth of the comb. On each stroke, the loosening of the dandruff or the like adhering to the comb is facilitated 90 by the crinkled or crooked portions *j* of the wire; also by the brush *o* and the edge *c'''*, which latter is principally useful in removing any substance adhering to the faces of 95 the comb.

By the described arrangement of the parts *a'* and *a'''* with reference to the part *a''* of the frame, the wires are elevated relatively to the part *a''* so that the comb does not interfere with the latter. 100

I do not wish to be limited to any of the details of construction herein set forth what I claim being:

A comb cleaner comprising a set of spaced

wires, a brush arranged close to the set of
wires at one end thereof and having its bris-
tles disposed substantially parallel with the
wires, and means for supporting said wires
5 in extended disposition and also supporting
the brush, substantially as described.

In testimony, that I claim the foregoing,

I have hereunto set my hand this 15th day
of July, 1910.

OTTO C. FELDER.

Witnesses:

JOHN W. STEWARD,
WM. D. BELL.