

No. 855,709.

PATENTED JUNE 4, 1907.

A. W. KAHLE & L. RENSMAN.

MARCEL WAVING IRON.

APPLICATION FILED OCT. 3, 1906.

FIG. 1

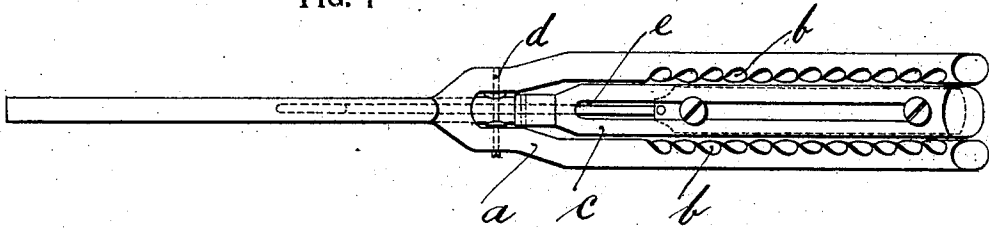


FIG. 2

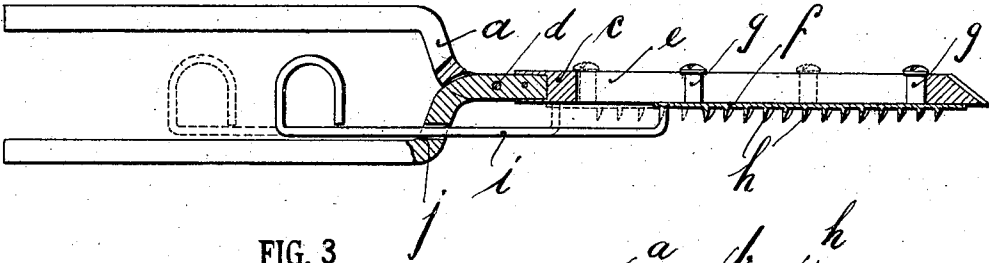


FIG. 3

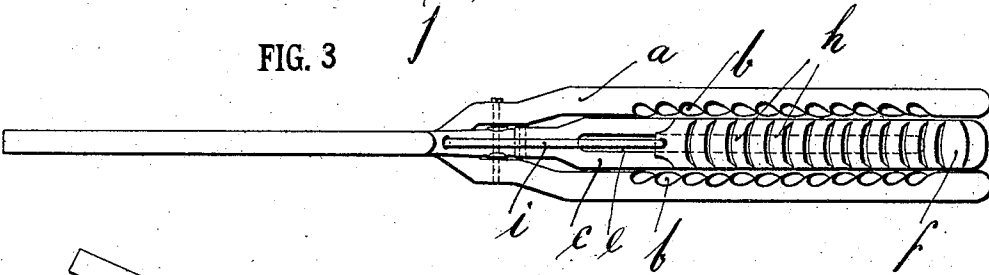
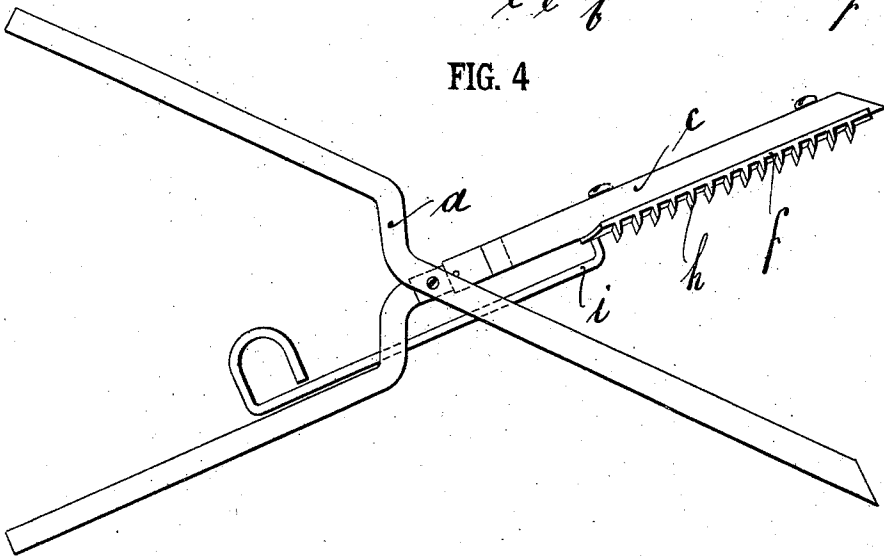


FIG. 4



Witnesses
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UNITED STATES PATENT OFFICE.

AUGUST W. KAHLE, OF TOMPKINSVILLE, AND LUDWIG RENSMAN, OF NEW YORK, N. Y.

MARCEL-WAVING IRON.

No. 855,709.

Specification of Letters Patent.

Patented June 4, 1907.

Application filed October 3, 1906. Serial No. 337,177.

To all whom it may concern:

Be it known that we, AUGUST W. KAHLE and LUDWIG RENSMAN, both citizens of the United States, and residents of Tompkinsville, county of Richmond, and State of New York, and New York, county and State of New York, respectively, have invented certain new and useful Improvements in Marcel-Waving Irons, of which the following is a specification.

The present invention pertains to improvements in hair dressing appliances, and has for its object to arrange an iron by means of which every woman will be enabled to dress her hair forming the Marcel waves without any previous training in the art or any assistance.

To accomplish this object, our waving iron consists of curling tongs of similar construction as the hitherto used ones and a slidable comb supported from one of the members of the tongs, whereby the high wave formed by the curling tongs can be flattened and the wave thus transformed into a flat wave that is known under the name of Marcel wave.

In order to make our invention more clear, we have illustrated the same in the accompanying drawing in which

Figure 1 is a top plan view of the waving iron; Fig. 2 a central vertical section; Fig. 3 a bottom plan view of the waving iron, and Fig. 4 shows an elevation of the waving iron in operative position.

In the drawing *a* is the bifurcated member of the waving or curling tongs, the arms of which are at their inside provided with spiral furrows or indentations *b* for their engagement with the hair, and *c* is the second member of the tongs which at *d* is hinged to member *a*. The working portion of the member *c* is widened and adapted to closely fit between the two arms of the member *a* when the tongs are closed.

Thus far the construction of the tongs is similar to the hitherto used waving tongs and will as the latter, allow the forming of ordinary curls or waves when upon heating and inserting it into the hair, the two members

are closed. To flatten the thus formed high wave, so as to create the so called Marcel wave, we provide the member *c* with a longitudinal slot *e* in which a metal comb *f* is slidably guided. The teeth of the latter are somewhat slanting (Fig. 4) and curved (Fig. 3) and extend crosswise at the full width of the member *c*. This comb *f* is mounted on the bottom of the member *c* and is guided in the slot *e* by pins or screw bolts *g* (Fig. 2). To the rear end of the comb a rod *i* is secured which extends through a bore *j* arranged in the member *c* and has at its free end a loop *k* serving as a handle.

The dotted lines in Fig. 2 illustrate the position of the comb after the latter has been pulled backward to form the Marcel wave.

The operation of our new waving or curling iron is obvious. Normally the comb *f* occupies its forward position, as shown by the full lines in Fig. 2. After the iron is heated and inserted into the hair, the members of the tongs are closed, whereby the ordinary high wave will be formed. Still holding the tongs closed, the comb *f* is pulled backward by engaging handle *k* with the first finger, whereby the hair caught between the teeth of the comb will be pulled along flattening the high wave and forming thus the peculiarly wound wave known as Marcel wave.

What we claim and desire to secure by Letters Patent is:

In a Marcel waving iron, the combination with curling or waving tongs, one member of said tongs having a longitudinal slot, a metal comb mounted on said member and capable of sliding thereon, a handle secured to said comb, the teeth of the latter being slanting and slightly curved to form the peculiarly wound waves, substantially as and for the purpose specified.

Signed at New York this 2d day of October 1906.

AUGUST W. KAHLE.
LUDWIG RENSMAN.

Witnesses:

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