HARRY JACOBS AND HANNAH JACOBS.

HAIR WAVING AND DRYING APPARATUS.

APPLICATION FILED DEC. 26, 1919.

1,380,803. Patented June 7, 1921.

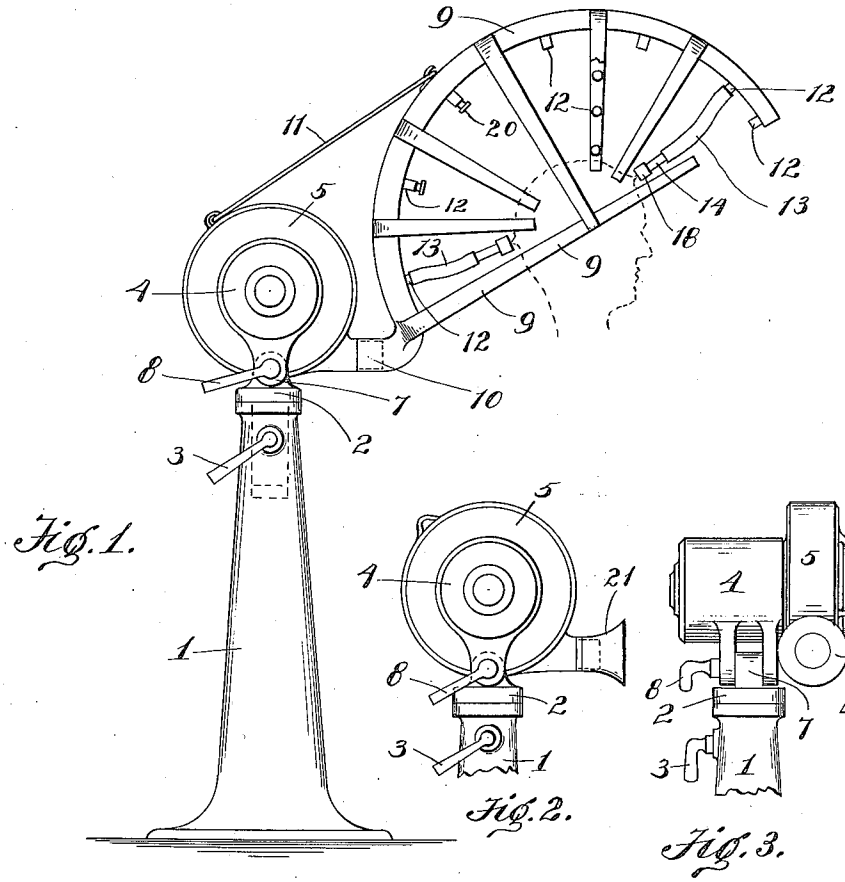


Fig. 1.

Fig. 2.

Fig. 3.

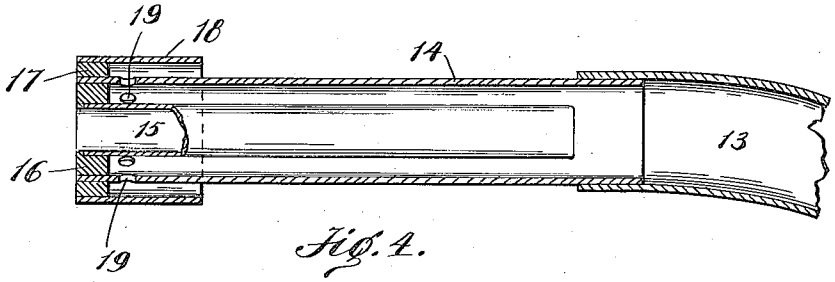


Fig. 4.

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UNITED STATES PATENT OFFICE.

HARRY JACOBS AND HANNAH JACOBS, OF NEW YORK, N. Y.

HAIR WAVING AND DRYING APPARATUS.

1,380,803. Specification of Letters Patent. Patented June 7, 1921.

Application filed December 26, 1919. Serial No. 347,423.

To all whom it may concern:

Be it known that we, HARRY JACOBS and HANNAH JACOBS, citizens of the United States, and residents of New York, in the county of Kings and State of New York, have invented certain new and useful Improvements in Hair Waving and Drying Apparatus, of which the following is a specification.

Our invention relates to improvements in a hair waving and drying apparatus in which hot air is the medium used for drying.

Our object is to provide a device of this character in which the parts are all assembled and mounted upon a portable pedestal which may be readily moved to any location to suit the convenience of the user.

A further object is to provide a device of the character described which is provided with a detachable head distributing member and a detachable spout or spreader which are interchangeable, the former being adapted for hair waving and drying while the latter is adapted for use as a hair drier solely.

Another object is to provide a device as described whereupon means are provided which allow vertical and horizontal adjustment of the parts.

The above and other objects, hereinafter disclosed, are attained by the employment of the apparatus shown in the accompanying drawings, in which—

Figure 1 is a side elevation of the apparatus showing the head distributing member in place;

Fig. 2 is a side view of the upper portion and shows the spout or spreader in position;

Fig. 3 is an elevation looking in a direction at right angles to Fig. 2, and

Fig. 4 is a longitudinal section showing a part of the device.

Referring in detail to the parts, 1 designates a pedestal having pivotally mounted thereon, a base member 2 which may be locked against rotation by the hand-operated locking member 3. The base member 2 carries a motor 4, air distributer 5, and an air heating member 6 which are secured together and are connected to the base member by means of a hinge 7, controlled by a hand-operated locking member 8.

A head distributing member 9 is detachably connected to the air distributer 5 as at 10 and is held rigid by the brace 11. This distributing member is provided with a multiplicity of outlets 12 which provide a means for attaching flexible tubes 13 which connect with hair waving and drying elements 14, which are adapted to engage the hair upon the head of a user and direct the hot air from the air distributer against the hair containing chamber 15 (see Fig. 4), preferably formed of copper.

The outer walls of the hair waving and drying elements are preferably made of "red fiber," which substance is not affected by the hot air or moisture to which it is subjected. The said outer wall and hair drying chamber are held concentrically in place by the fiber ring 16, and a fiber ring 17 engaging upon the outer wall acts as a holding means for the air deflecting collar 18 which is positioned to deflect the hot air as it emerges through the outlets 19.

The detachable head distributing member, with its parts, may be removed and a spout or spreader 21 may be substituted and any suitable means such as gas or electricity may be provided to heat the air before it is forced into the distributer.

In practice, the person whose hair is to be operated upon is seated in a chair in the usual manner, so that the head assumes the position shown by dotted lines in Fig. 1.

The hair having been prepared in the usual manner, is wound upon stems which are inserted in the chambers 15 of the hair waving and drying members 14. As many of these elements are used as are necessary and are connected, as shown, to the outlets 12, and such outlets as are not to be used are closed by suitable stoppers 20.

Adjustment may be obtained by means of the pivotal and hinged connections shown.

For use as a hair drier solely, the head distributing member is removed and the spout or spreader is attached and the hot air blast directed upon the hair to be dried.

The head piece and casing are permitted to swing vertically by means of the hinge 7 and is locked in fixed position by the aforementioned hand operated member 8. A further vertical or horizontal adjustment may be obtained by releasing the locking member 3 thereby allowing the head-piece and casing to be raised out of the pedestal to the limit of the shank, shown by dotted lines, or turned about in a horizontal direction.

It is obvious that we may employ various

other modifications without departing from the spirit of our invention. We do not therefore wish to be understood as limiting ourselves to the particular construction shown.

What we claim as our invention and desire to secure by Letters Patent, is:

1. In a hair drying and waving apparatus, a drying unit adapted to engage a winding stem having hair wound thereon, means for supplying a current of heated air to the said drying unit, and pivotal connecting members upon the pedestal providing vertical and horizontal adjustment.

2. In a hair drying and waving apparatus, drying units adapted to engage winding stems having hair curled thereon, the said drying units having air inlets and air outlets formed thereon, means for forcing heated air under pressure into the said drying units, and pivotal connecting members upon the pedestal providing vertical and horizontal adjustment.

3. In a hair drying and waving apparatus, a double walled drying unit adapted to engage a winding stem having hair wound thereon, means for supplying a current of heated air to the said drying unit, means for permitting the egress of the air from the said drying unit, and pivotal connecting members upon the pedestal providing vertical and horizontal adjustment.

4. In a hair drying and waving apparatus, a plurality of double walled drying units adapted to engage winding stems having hair wound thereon, means for supplying currents of heated air to the said drying units, and pivotal connecting members upon the pedestal providing vertical and horizontal adjustment.

5. In a hair drying and waving apparatus, a drying chamber open at both ends and adapted to inclose a winding stem having hair wound thereon, means for causing a current of heated air to pass through the said drying chamber, and pivotal connecting members upon the pedestal providing vertical and horizontal adjustment.

6. In a hair drying and waving apparatus, a drying chamber having inlet and outlet passages and adapted to engage a winding stem having hair wound thereon, means for forcing heated air under pressure through the said drying chamber, and pivotal connecting members upon the pedestal providing vertical and horizontal adjustment.

7. In a hair drying and waving apparatus, an elongated drying member open at both ends, means for rapidly driving hot air through the said drying member, and pivotal connecting members upon the pedestal providing vertical and horizontal adjustment.

Signed at New York, in the county of Kings and State of N. Y., this 20th day of December, A. D. 1919.

HARRY JACOBS.
HANNAH JACOBS.