Jan. 17, 1933. A. SALM 1,894,709

HAIR DRYING APPARATUS

Filed Nov. 10, 1930

Fig. 1

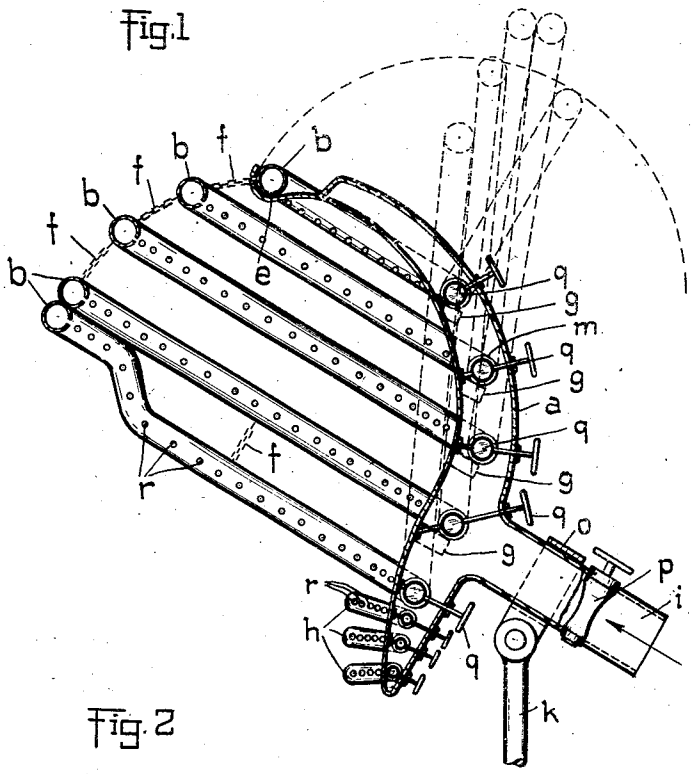
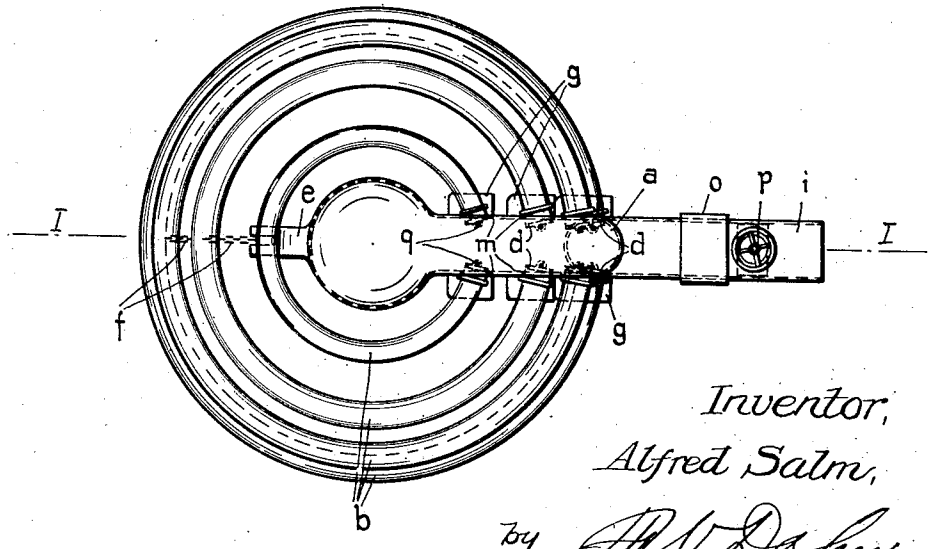


Fig. 2



Inventor,
Alfred Salm,
by J. V. Dahm,
Attorney.

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UNITED STATES PATENT OFFICE

ALFRED SALM, OF BRUNSWICK, GERMANY, ASSIGNOR TO SALM & BRUNS, LUDWIG STOLBERG NACHF., OF BRUNSWICK, GERMANY

HAIR-DRYING APPARATUS

Application filed November 10, 1930, Serial No. 494,730, and in Germany September 6, 1929.

I have filed application in Germany September 5, 1929.

My invention relates to improvements in hair-drying apparatus, and more particularly in apparatus of the type comprising a set of tubular members arranged in the form of a hood and adapted to be placed on the hair of the person, the said pipes having a supply of a hair-drying fluid such as hot air and being formed with holes through which the said fluid is directed on the hair. One of the objects of the improvements is to provide an apparatus of this type which is constructed so that the hair can be properly arranged while placing the drying apparatus on the head, so that the hair can be observed while drying. Another object of the improvements is to construct the hair-drying apparatus so that it may be conveniently carried on the head of the person. Finally an object of the improvements is to provide an apparatus in which some of the drying members and more particularly the one acting on the lowermost portions of the hair may be thrown out of operation. With these and other objects in view my invention consists in constructing the hair-drying apparatus with tubular members which are movable relatively to each other and which are connected to the common holder having a supply of the heating fluid. In the preferred construction the apparatus comprises a plurality of annular tubular members placed coaxially one above the other to form a body similar to a hood, and jointed to a common tubular member having a supply of a heating fluid.

For the purpose of explaining the invention an example embodying the same has been shown in the accompanying drawing in which the same reference characters have been used in all the views to indicate corresponding parts. In said drawing

Fig. 1 is a sectional elevation taken on the line I—I of Fig. 2 and showing the hair-drying apparatus, and

Fig. 2 is a top plan view of Fig. 1.

In the example shown in the drawing the hair-drying apparatus comprises a tubular member *a* curved substantially along the form of the head of a person and made integral with an extension *i* adapted to be connected with a hot air supply. To the tubular extension *i* a ring *o* is secured which is joined to a suitable support *k*, the said ring being adapted to be rocked on the support *k* for setting the tubular member into the desired position. To the tubular member *a* a plurality of annular pipes *b* are jointed, the ends *d* of the said pipes extending into the tubular member *a* as is shown in Fig. 2 in dotted lines. Thus the annular pipes can be rocked from the position shown in Fig. 1 in full lines into the position shown in dotted lines. The uppermost annular pipe *b* is adapted to be supported when in operative position on a hook-shaped extension *e* of the tubular member *a*, and all the pipes *b* are adapted to be held in the proper positions by suitable means such as chains *f* successively connecting the pipes or lugs *g* formed on the tubular member *a*. To the bottom part of the tubular member *a* short pipes *h* are secured, which are in position for drying the hair of the neck of the person.

For regulating the supply of drying fluid to the apparatus a butterfly valve *p* is provided in the tubular extension *i*, and similar valves may be provided within the tubular member *a* for more or less throttling the air supply to the individual pipes *b*, one of the said valves being indicated at *q*.

The apparatus is used as follows:

The apparatus is placed on the head of the person with the annular pipes *b* directed upwardly as is shown in Fig. 1 in dotted lines, and the tubular member *a* bearing on the rear part of the head. Now the pipes *b* are successively rocked downwardly and on the head while arranging the hair below the same. After all the pipes have thus been arranged hot air is supplied to the tubular member *a*, *i* which hot air is delivered from the pipes *b* through holes *r* made in the pipes *b* and *h*. If desired, the lowermost pipe *b* is not rocked downwardly.

I claim:

1. A hair-drying apparatus, comprising a tubular member for supplying air under pressure, a plurality of pipes in the form of annuli, communicating with said tubular

member said pipes approximately fitting the human head and being movable relatively to each other and to said tubular member, said pipes having holes for the delivery of a drying medium towards said head and flexible means connecting said pipes at a point remote from said tubular member.

2. A hair-drying apparatus, comprising a tubular member for supplying a drying medium, and a plurality of pipes in the form of incomplete rings having their open ends pivotally supported by and comunicating with said tubular member said pipes being simultaneously movable into closely juxtaposed vertical idle position and also movable with respect to each other, said pipes being formed with holes for the delivery of the drying medium towards the head.

3. A hair-drying apparatus, comprising a tubular member for supplying a drying medium, a series of superposed pipes in the form of annuli adapted to encircle the human head and communicating with said tubular member, said pipes being rockingly connected with said tubular member for movement into and out of operative positions, and lugs on said tubular member for supporting the successive pipes in spaced relation to each other.

4. A hair-drying apparatus, comprising a tubular member for supplying a drying medium, a series of superposed pipes in the form of annuli adapted to encircle the human head and communicating with said tubular member, said pipes being rockingly connected with said tubular member for movement into and out of operative positions, and means for supporting said pipes in spaced relation to each other, including flexible connections between adjacent pipes.

5. A hair-drying apparatus, comprising a tubular member for supplying a drying medium, a set of superposed pipes in the form of concentric annuli rockingly connected with said tubular member and communicating therewith, the diameter of the annuli increasing successively from the top part of said hair-drying apparatus towards the bottom part thereof.

6. A hair-drying apparatus comprising a hollow air-supplying member, a plurality of superposed annular pipes adapted to encircle the head and connected to said member for rocking movement on horizontal axes from a substantially upright inoperative position toward a lower operative position, the pipes being relatively movable whereby the hair may be held in place by a pipe while the free hair is being arranged.

7. A hair-drying apparatus, comprising a tubular member for supplying a drying medium, a plurality of superposed pipes in the form of incomplete rings adapted to partially encircle the head, each ring having two ends communicating with said tubular member, said rings spaced one above another along said tubular member, said rings being movable relative to one another and being formed with holes for the delivery of the drying medium towards the head.

In testimony whereof I affix my signature.

ALFRED SALM.