

W. A. SOLES.
HAIR DRYING APPARATUS.
APPLICATION FILED DEC. 14, 1908.

939,106.

Patented Nov. 2, 1909.

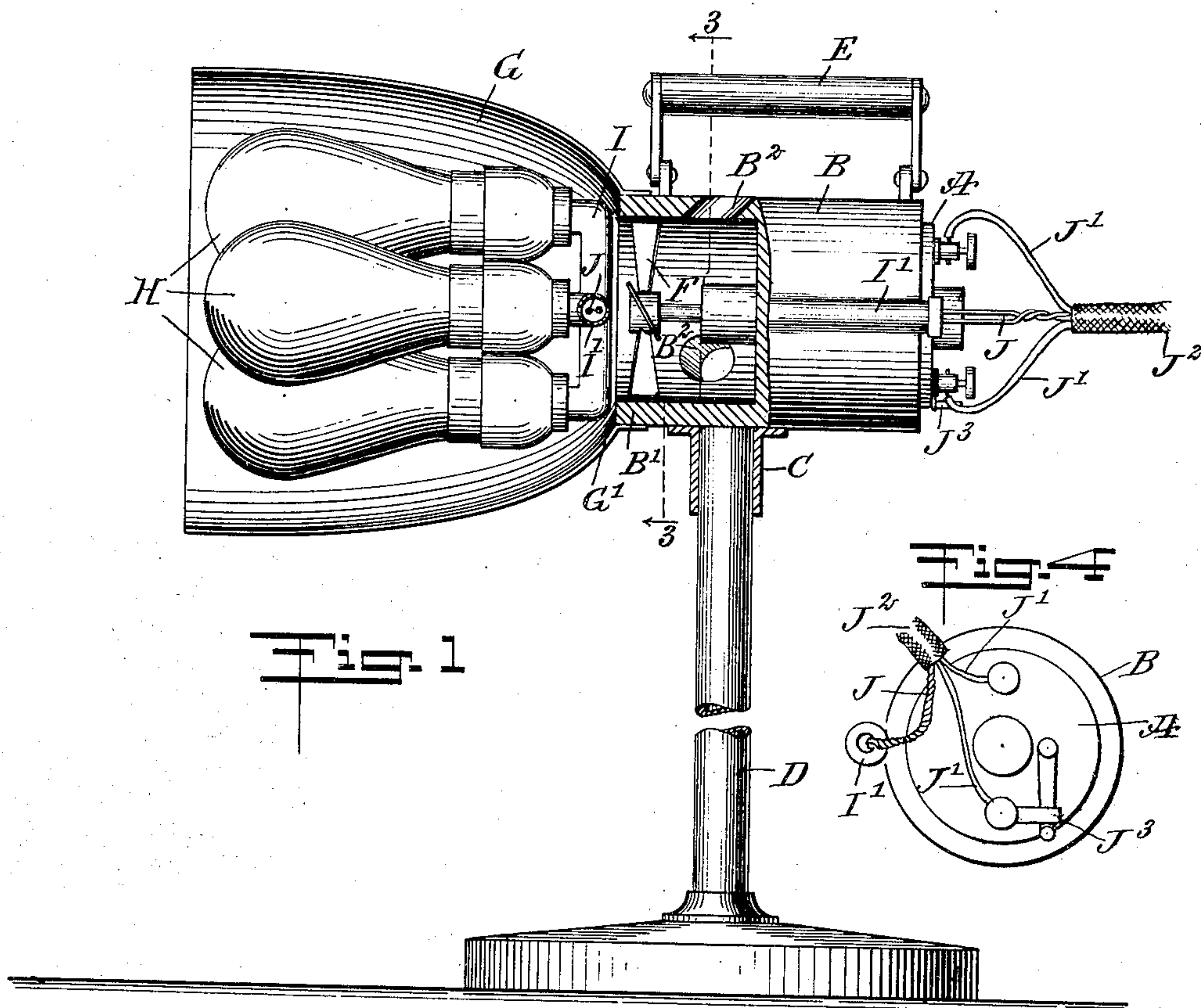


Fig. 1

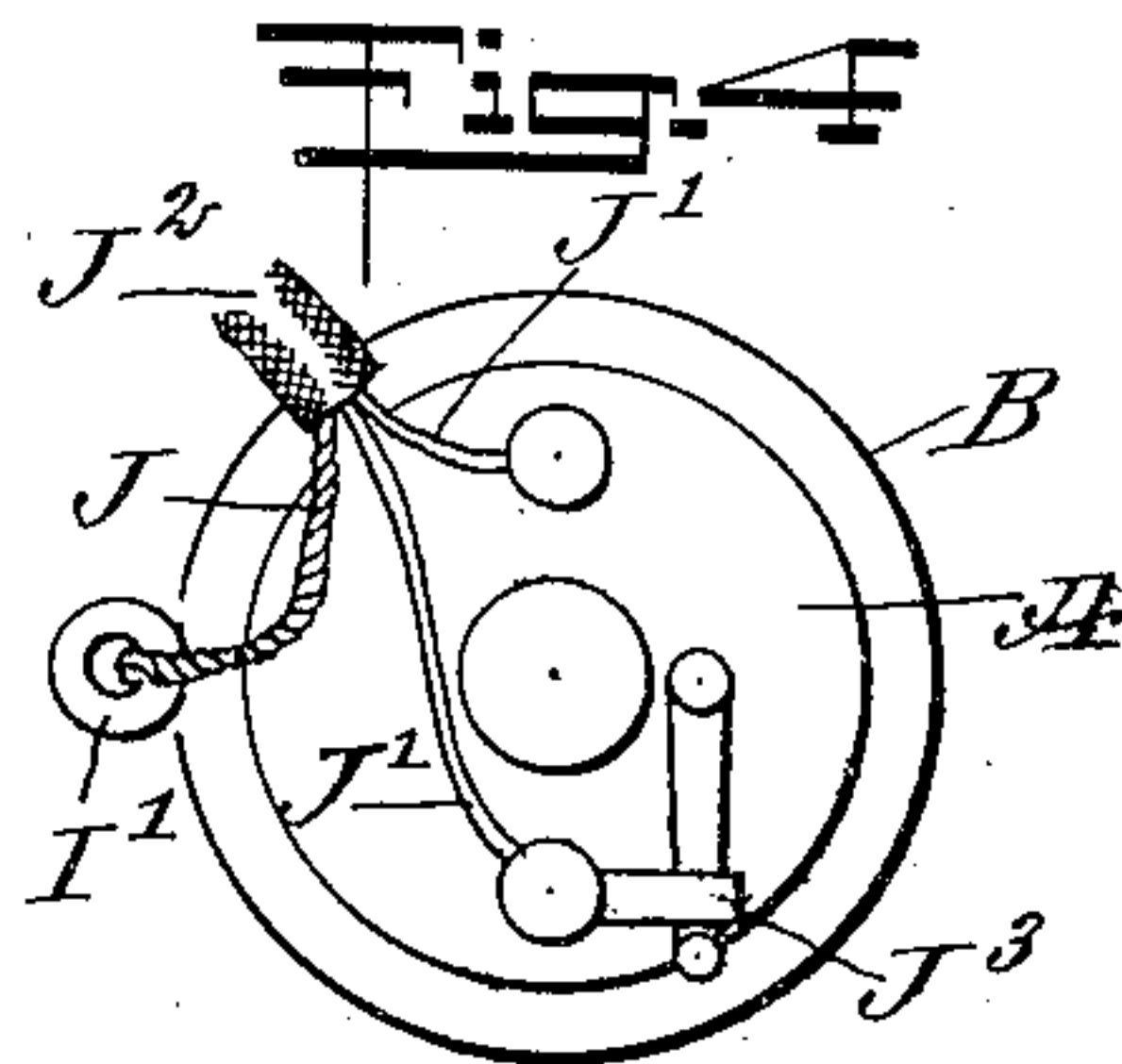


Fig. 4

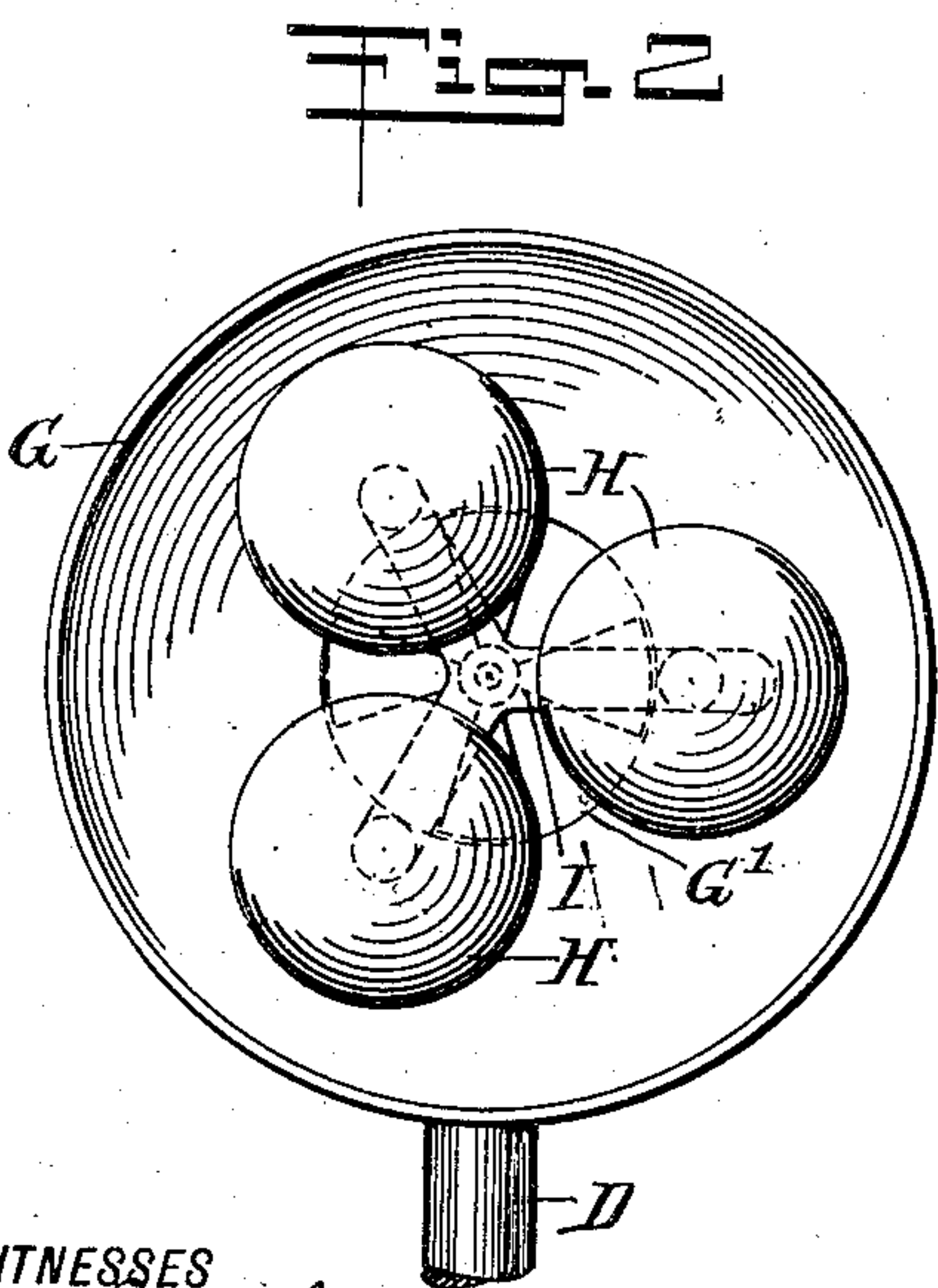


Fig. 2

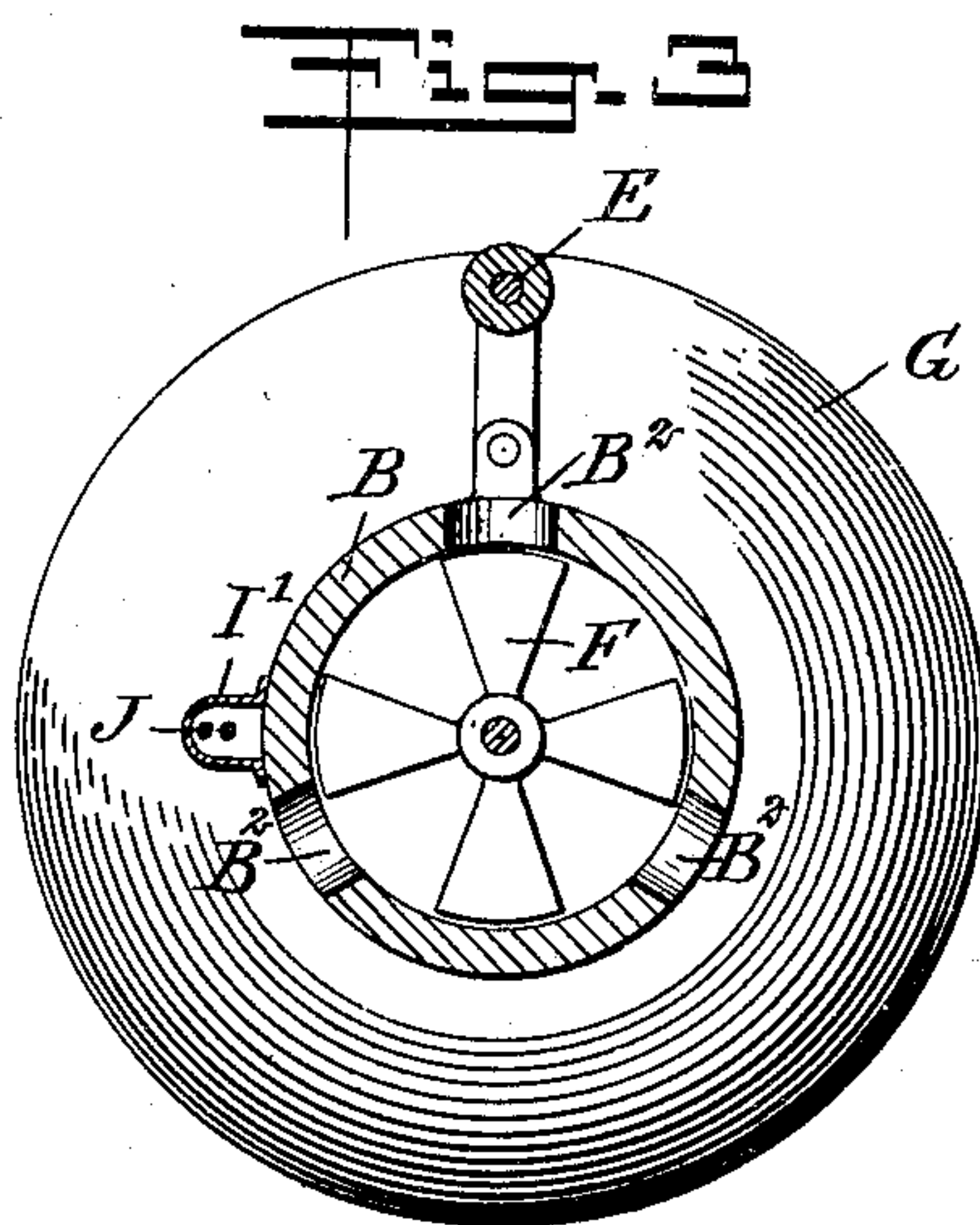


Fig. 3

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WILLIAM A. SOLES, OF NEW YORK, N. Y.

HAIR-DRYING APPARATUS.

939,106.

Specification of Letters Patent.

Patented Nov. 2, 1909.

Application filed December 14, 1908. Serial No. 467,378.

To all whom it may concern:

Be it known that I, WILLIAM A. SOLES, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Hair-Drying Apparatus, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved hair-drying apparatus, more especially designed for use in hair-dressing establishments, barber shops and other places, and arranged to insure drying of the hair by heated air and under the invigorating influence of artificial light, by the use of an electrically driven fan arranged in the rear of a cluster of electric lamps contained in a hood open at the front for the passage of the heated air and the rays of light.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a side elevation of the improvement, parts being broken out; Fig. 2 is a front elevation of the same; Fig. 3 is a cross section of the same on the line 3—3 of Fig. 1; and Fig. 4 is a rear end view of the motor, the wires and switch for the same and the wires for the electric lamps.

The motor A of an electric fan is mounted in a suitable tubular casing B provided at its bottom with a socket C for engagement with the upright of a stand D, to conveniently support the apparatus on a table or the like. The top of the casing B is provided with a handle E adapted to be taken hold of by the user for conveniently carrying the apparatus about and manipulating the same whenever it is not desired to support it on the stand D.

The fan wheel F of the electric fan is mounted in the front end B' of the casing B, somewhat in advance of openings B² formed in the wall of the casing B for the entrance of air to the fan wheel F, the latter on rotating driving the air forward into and through a hood G, in the form of a reflecting globe and having its rear central portion G' apertured and flanged and secured to the forward end B' of the casing B, as plainly shown in Fig. 1. The forward end of the hood G is open and the inner surface thereof is preferably a reflecting surface, and within

the hood G is arranged a cluster of electric lamps H having bulbs of different colors, preferably red, white and blue. The rear ends of the electric lamps H are mounted on a tubular support I for the passage of electric wires J, the tubular support I having a longitudinally extending branch arm I' attached to one side of the casing B, so as to properly support the electric lamps H within the hood G. The wires J extend rearwardly through the branch support I', and are formed with the wires J' for the motor A, into an insulated cord J², having means for convenient attachment to a source of electrical energy, so that the motor A is actuated at the same time that the electric lamps H are lighted, whereby a current of air is forced by the fan wheel F forward through the hood G and over the electric lamps H, whereby the air is heated by the heat emanating from the electric lamps H, the heated air being discharged through the front open end of the hood G and directed onto the hair to be dried, together with the rays of light emanating from the electric lamps H and reflected by the hood G in the same direction in which the heated current of air travels to the hair. Thus by the arrangement described the hair is subjected to the heated air and also to the light reflected by the reflector G, it being understood that the said light serves as a valuable therapeutic agent, without danger of fading or injuring the hair. The motor wires J' are provided with a switch J³, to permit cutting out the motor A without cutting out the electric lamps H.

The apparatus shown and described is very simple and durable in construction, and the apparatus can be readily manipulated so as to direct the heated current of air as well as the light, to the hair to be dried.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A hair-drying apparatus, comprising a hood having a reflecting inner surface and open at the front, an electric lamp in the said hood, the rays of light emanating from the said lamp being reflected through the open end of the hood, and a fan at the rear of the hood for forcing a current of air over the said lamp to heat the air and to force the heated air out of the open end of the said hood.

2. A hair-drying apparatus, comprising

an electric fan mounted in a casing, a reflecting hood held on the said fan casing, the said hood being open at the front end and having its rear end provided with an opening in register with the discharge opening of the fan casing, and a cluster of electric lamps arranged in the said hood for heating the air forced through the hood by the said fan, the rays of light emanating from the said electric lamps being reflected by the hood in the direction of the travel of the current of heated air.

3. A hair-drying apparatus, comprising an electric fan mounted in a casing, a reflecting hood held on the said fan casing, the said hood being open at the front end and having its rear end provided with an opening in register with the discharge opening of the fan casing, a cluster of electric lamps arranged in the said hood for heating the air forced through the hood by the said fan, the rays of light emanating from the said elec-

tric lamps being reflected by the hood in the direction of the travel of the current of heated air, and electric supply wires for the said motor and the said electric lamps and arranged for connection with the same source of electricity supply.

4. A hair drying apparatus, comprising a lamp, a fan behind the lamp for forcing the current of air over the said lamp to heat the air, and a hood inclosing the lamp and having a reflecting surface for the purpose set forth, said hood having an opening to permit the passage of air from the fan to the lamp.

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

WILLIAM A. SOLES.

Witnesses:

THEO. G. HOSTER,
JOHN P. DAVIS.