

(No Model.)

N. H. BURGER.

ELECTRICAL ATTACHMENT FOR BARBERS' CHAIRS.

No. 577,233.

Patented Feb. 16, 1897.

FIG. 2.

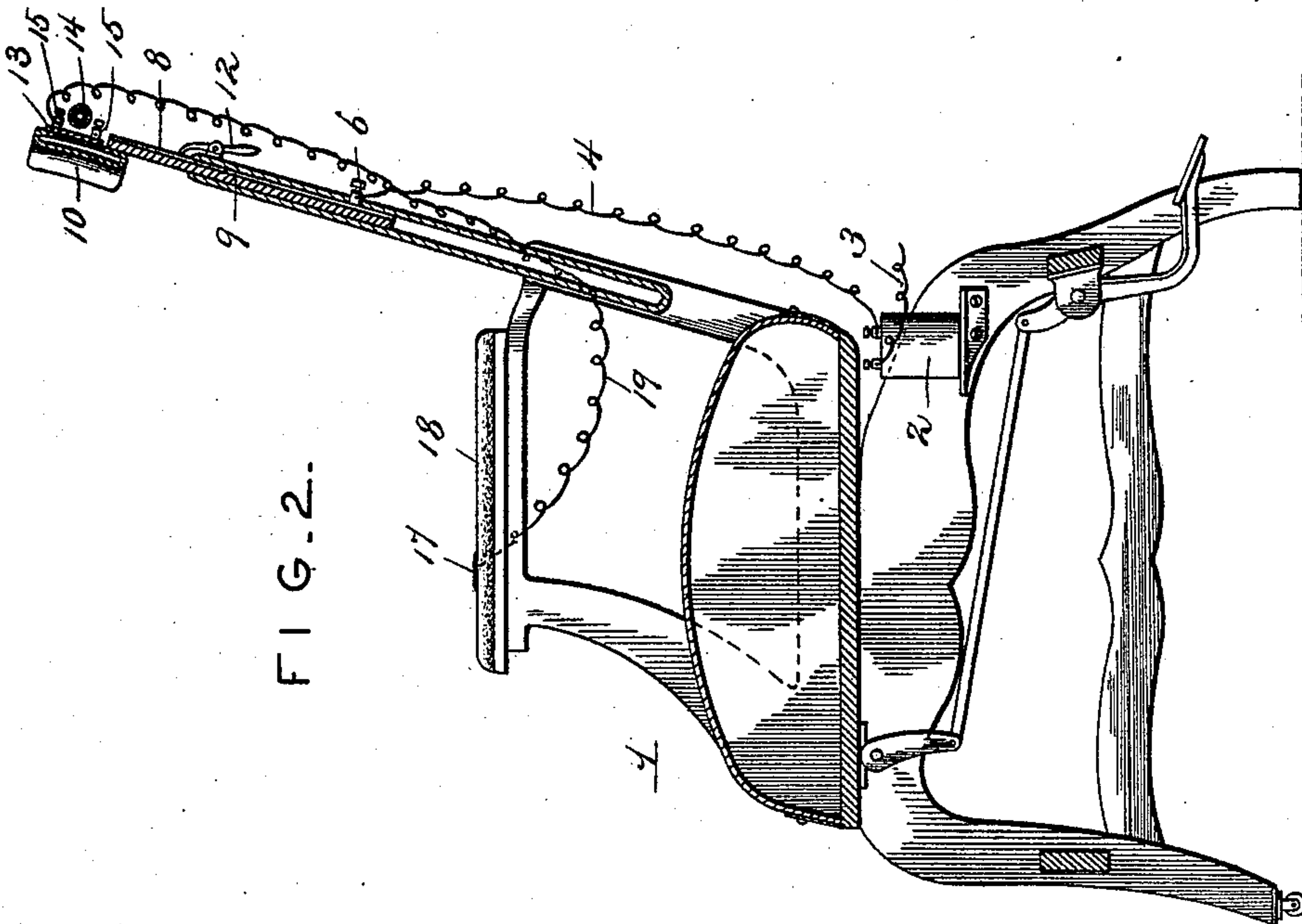
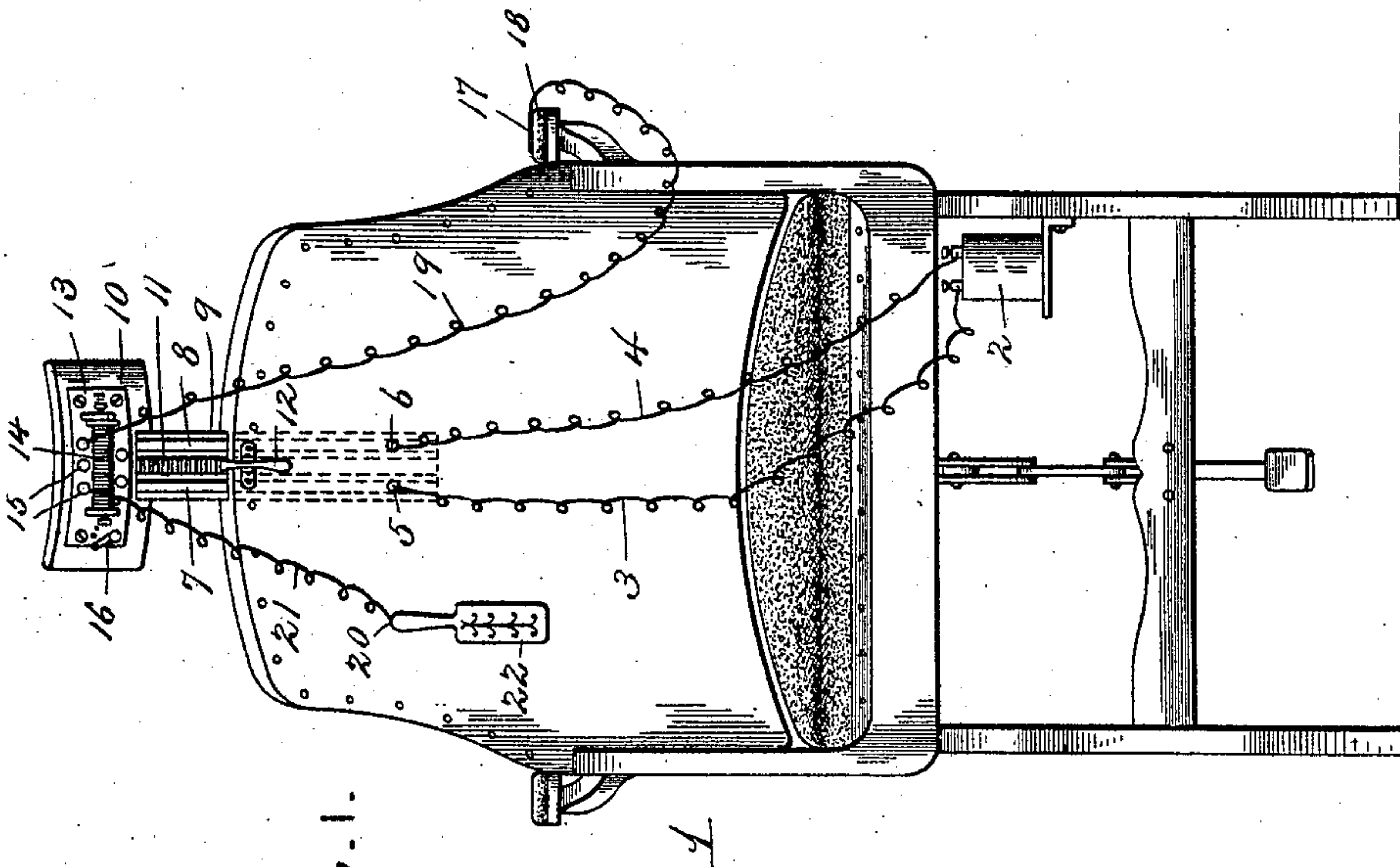


FIG. 1.



Inventor

Witnesses

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By His Attorneys,

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UNITED STATES PATENT OFFICE.

NEWTON H. BURGER, OF BENZONIA, MICHIGAN, ASSIGNOR OF ONE-HALF
TO LESLIE CRANE, OF SAME PLACE.

ELECTRICAL ATTACHMENT FOR BARBERS' CHAIRS.

SPECIFICATION forming part of Letters Patent No. 577,233, dated February 16, 1897.

Application filed October 23, 1895. Serial No. 566,618. (No model.)

To all whom it may concern:

Be it known that I, NEWTON H. BURGER, a citizen of the United States, residing at Benzonia, in the county of Benzie and State of Michigan, have invented a new and useful Electrical Attachment for Barbers' Chairs, of which the following is a specification.

My invention relates to an electrical attachment for barbers' chairs, and has for its object to provide a simple and efficient construction and arrangement of parts whereby electrical treatment may be applied by means of a brush, comb, or similar device.

Further objects and advantages of this invention will appear in the following description, and the novel features thereof will be particularly pointed out in the appended claim.

In the drawings, Figure 1 is a rear view of a chair provided with an electrical attachment constructed in accordance with my invention. Fig. 2 is a vertical section of the same.

Similar numerals of reference indicate corresponding parts in both figures of the drawings.

Concealed in a cavity in the frame of the chair 1 is a battery 2, from which extend wires or flexible connections 3 and 4 to contact-points 5 and 6 at the back of the chair, and these contact-points are arranged in operative relation with contact-strips 7 and 8, which form guides for and are carried by the slide 9 of the head-rest 10. Any suitable means for adjusting the head-rest, such as a rack 11 and a locking-handle 12, may be employed, these features forming no part of my invention.

Attached to the back of the head-rest is a plate 13, upon which is arranged an induction-coil 14, having a plurality of binding-posts 15 for the attachment of suitable conductors. The induction-coil is also provided with a switch 16, and the contact-strips 7 and 8 are electrically connected with the induction-coil.

A fixed electrode 17 is seated in one arm 18 of the chair in position to be in contact with the hand of the occupant of the chair, said electrode having a flexible connection 19 with one of the binding-posts of the induction-coil, and the other or free electrode 20, which is also flexibly connected, as at 21, with one of said

binding-posts, is adapted to be attached to a brush 22 or a similar device by which electrical treatment may be applied to the occupant of the chair.

From the above description it will be seen that the battery and the connections thereof with the contact-points 5 and 6 are stationary, and the induction-coil which is carried by the head-rest has a sliding or adjustable connection with said contact-points, whereby the circuit remains unbroken in all positions of the head-rest. The advantage in arranging the induction-coil and attachments upon the head-rest resides in the fact that it avoids the use of a plurality of loose wires for the connection of said coil with the battery. The only loose wires are those which extend from the induction-coil to the electrodes.

A further advantage of the above-named arrangement of the induction-coil upon the head-rest is due to the fact that in this position it is within easy reach of the operator, and hence the switch may be operated to make or break the current without loss of time or material change of position.

The details of construction of the induction-coil form no part of my invention, and hence I have deemed it unnecessary to illustrate the same otherwise than as sufficient to show its general features. The essential feature of this portion of the construction resides in the fact that the switch for controlling the electric currents is mounted upon the head-rest, and hence is within easy reach of the operator in all positions of both the head-rest and the chair-back. Obviously the head-rest, in the inclined position of the chair, is arranged nearer to the operator than any other portion of the chair, and hence it is desirable, in order to enable the operator to manipulate the switch with facility under various conditions, to place the same as near the portion of the patient to be operated upon as possible.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

Having described my invention, what I claim is—

In an electrical attachment for barbers'

chairs, the combination with the chair having
an adjustable head-rest slide provided with a
pair of metallic guides 7 and 8 forming con-
tact-strips for the attachment, a suitably-ar-
5 ranged battery, circuit-wire connections be-
tween the poles of the battery and said con-
tact-strips, an induction-coil fitted on the
rear side of the head-rest of the chair and
having a switch, said coil having two of its
10 terminals electrically connected with said
contact-strips, a fixed electrode secured to
the frame of the chair and having a wire con-

nection with the coil, and a movable electrode
adapted to be attached to a brush or similar
device and also having a wire connection 15
with the coil, substantially as set forth.

In testimony that I claim the foregoing as
my own I have hereto affixed my signature in
the presence of two witnesses.

NEWTON H. BURGER.

Witnesses:

EUGENE CASE,
LESLIE CRANE.