

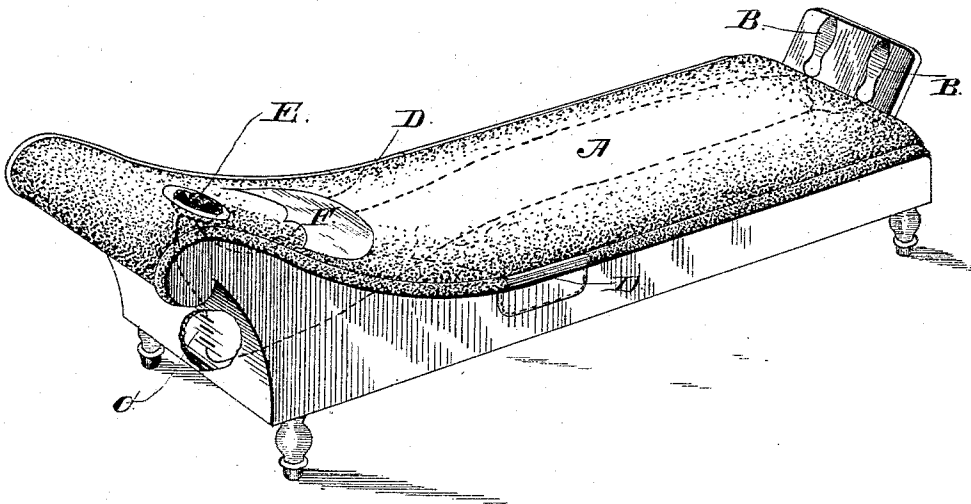
(No Model.)

J. B. SCHMALZ & J. B. FAULKNER.

COUCH FOR APPLYING ELECTRICAL TREATMENT.

No. 399,084.

Patented Mar. 5, 1889.



Witnesses

M. Fowler.

R. W. Bishop.

Inventors

John B. Schmalz and
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By their Attorneys

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UNITED STATES PATENT OFFICE

JOHN BARNES SCHMALZ AND JOHN BENJAMIN FAULKNER, OF NORFOLK VIRGINIA.

COUCH FOR APPLYING ELECTRICAL TREATMENT.

SPECIFICATION forming part of Letters Patent No. 399,084, dated March 5, 1889.

Application filed December 28, 1888. Serial No. 294,858. (No model.)

To all whom it may concern:

Be it known that we, JOHN BARNES SCHMALZ and JOHN BENJAMIN FAULKNER, citizens of the United States, residing at Norfolk, in the county of Norfolk and State of Virginia, have invented a new and useful Improvement in a Couch for Applying Electrical Treatment, of which the following is a specification.

Our invention is an improved couch for applying electrical treatment; and it consists in certain novel features hereinafter described and claimed.

In the drawing we have shown a perspective view of a couch embodying our invention.

Referring to the drawing by letter, A designates a couch, which may be of any preferred construction and is provided at one end with the foot-plates B B, which are made of some good conductor and against which the patient's feet are placed, as will be readily understood. The said plates are connected, by suitable wires, with a battery, C, supported below the couch, as shown. On the sides of the couch we provide the hand-plates D D, which are similar in construction to the foot-plates B B and are also connected with the battery by suitable wires. When the patient reclines on the couch, his hands are placed upon these hand-plates, as will be readily understood.

E designates a sponge electrode which is arranged near the head of the couch and is adapted to be placed on the neck of the patient, and F designates a plate placed at a proper point of the couch to bear against the shoulders of the patient when reclining on the couch. The said sponge electrode E and

the plate F are connected with the battery C, as will be readily understood.

In practice the patient reclines upon the couch with his feet bearing against the plate B, and his hands bearing upon the plate D, and his neck and shoulders in contact with the sponge E and plate F, as will be readily understood. The body of the patient thus completes the circuit, and the current from the battery passes evenly through the entire body.

Our improved device is very simple and is very efficient in curing nervous diseases and in also relieving headache, rheumatism, &c.

Having thus described our invention, what we claim, and desire to secure by Letters Patent, is—

The improved couch for applying electrical treatment, having the battery C supported in its lower portion near one end, the sponge E, arranged near the head of the couch and connected with the battery and adapted to be placed on the neck of the patient, the plate F, arranged near the sponge and connected with the battery and adapted to bear against the shoulders of the patient, the foot-plates at the end of the couch connected with the battery, and the hand-plates secured on the upper edges of the sides of the couch and connected with the battery, as specified.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in presence of two witnesses.

JOHN BARNES SCHMALZ.

JOHN BENJAMIN FAULKNER.

Witnesses:

GEO. R. WILSON,

J. L. SENECA.