No. 718,958. PATENTED JAN. 20, 1903.

F. B. TURCK.

MASSAGING APPARATUS.

APPLICATION FILED FEB. 24, 1902.

NO MODEL.

Fig. 1.

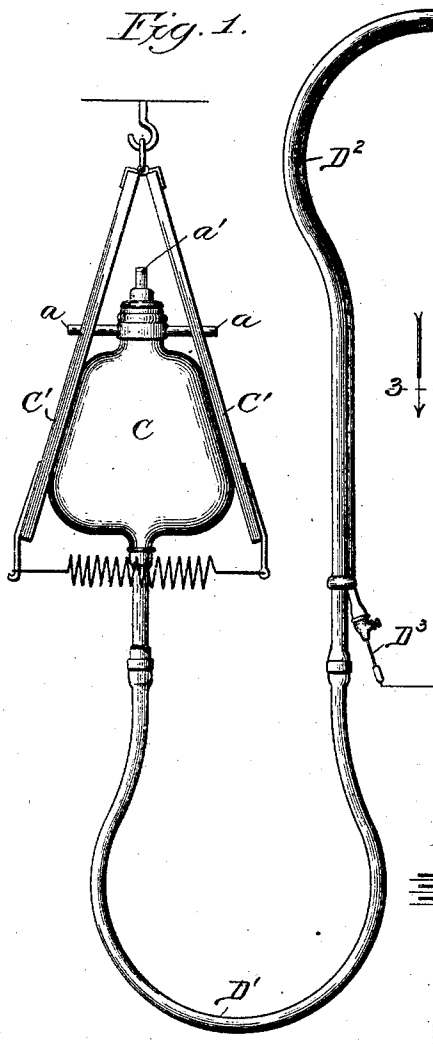


Fig. 2.

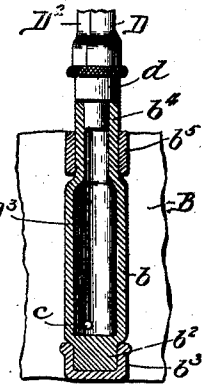


Fig. 3.

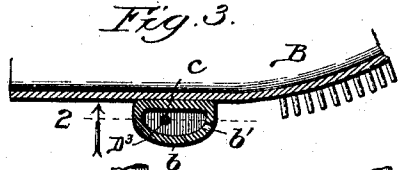


Fig. 4.

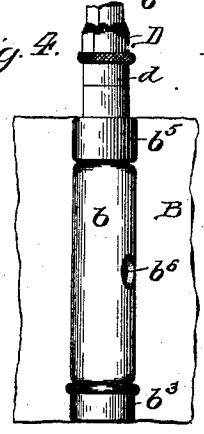
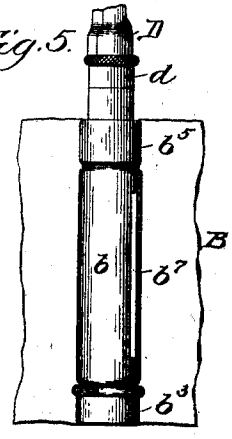


Fig. 5.



Witnesses:

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UNITED STATES PATENT OFFICE.

FENTON B. TURCK, OF CHICAGO, ILLINOIS.

MASSAGING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 718,958, dated January 20, 1903.

Application filed February 24, 1902. Serial No. 95,266. (No model.)

To all whom it may concern:

Be it known that I, FENTON B. TURCK, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Massaging Apparatus, of which the following is a specification.

My invention relates to improvements in hydro-electric massage apparatus, and more particularly to that class of apparatus in which is employed a massaging glove or mitten equipped with a douche; and my primary object is to provide means whereby one form of douche may be readily substituted for another.

In the accompanying drawings my invention is illustrated in connection with apparatus of the character described and claimed in my pending application, Serial No. 71,794, filed August 12, 1901.

In the drawings, Figure 1 is a diagrammatic view illustrating my invention; Fig. 2, a broken sectional view taken as indicated at line 2 of Fig. 3; Fig. 3, an enlarged broken section taken as indicated at line 3 of Fig. 1, and Figs. 4 and 5, views showing modified forms of douches.

A represents a metallic foot-plate or body-contact; B, a massaging glove or mitten which may be worn by either a bather or an attendant; C, a flexible water-bag suspended by the transverse support a between levers or boards C′, which are pivotally connected at their upper ends and spring-connected at their lower ends, the bag C being provided with an inlet-tube a'; D, a flexible tube communicating with a douche b, with which the glove B is equipped, said douche having forwardly downwardly directed perforations b'; D′, a flexible tube connecting the tube D with the bag C; D^2, a flexible wire-receiving conduit with which the tube D is provided; D^3, an insulated electric conductor passing through said conduit D^2 and terminating in an uninsulated portion c, located within said douche b; D^4, an insulated wire connecting a battery D^5 with the insulated wire D^3, and D^6 an insulated wire connecting the battery D^5 with the foot-plate or body-contact A.

The douche b is provided with the reduced end portions b^2 and b^4, and the glove B is provided with a socket b^3 to receive the reduced end portion b^2 and with an elastic band or strip b^5 to embrace the portion b^4. The tube D is provided at its end with a nipple or union d, which fits into the open end of any of the removable and interchangeable douches.

In the modification of Fig. 4 the douche is provided with a single opening b^6, enabling a single-jet douche (known as the "French" douche) to be administered, and in the modification of Fig. 5 the douche is provided with a single slit b^7, enabling the so-called "fantail" douche to be administered.

To equip the massaging glove or mitten with one of the removable douches, the douche is inserted through the elastic band b^5 until the end b^2 passes into the socket b^3 and the elastic band b^5 embraces the reduced end b^4. The union of the tube D and the douche by means of the nipple may be made either before or after the douche is applied to the glove.

While the use of the improved device will be understood readily by reference to the above-mentioned application, it may here be stated that the electric circuit is completed through the jet or jets of water applied to the body, so that currents of water and electricity are simultaneously administered. The different effects attributable to the different water douches are well understood by those who are skilled in this kind of treatment, and the effect of what may be termed the "electric douche" is to enhance the beneficial effects of the water douche and minimize the possibility of harmful effects therefrom.

Changes in details of construction within the spirit of my invention may be made. Hence no undue limitation is to be understood from the foregoing detailed description.

What I claim as new, and desire to secure by Letters Patent, is—

1. The combination of a massaging-mitten, a douche removably connected therewith, and a flexible tube communicating with said douche.

2. The combination of a massaging-mitten, equipped with douche connections, a removable douche secured by said connections, and a flexible tube communicating with said douche.

3. The combination of a massaging-mitten,

a douche removably connected therewith, and a flexible tube detachably connected with said douche.

4. The combination of a massaging-mitten, equipped at its front wrist portion with douche connections, a douche removably connected therewith, and a flexible tube communicating with said douche.

5. The combination of a massaging-mitten equipped with a socket, and with an elastic band, a removable douche extending through said band and into said socket, and a flexible tube communicating with said douche, substantially as and for the purpose set forth.

FENTON B. TURCK.

In presence of—
W. B. DAVIES,
ALBERT D. BACCI.