E. L. MOSES.

CONTACT DISK.

APPLICATION FILED DEC. 23, 1909.

990,158. Patented Apr. 18, 1911.

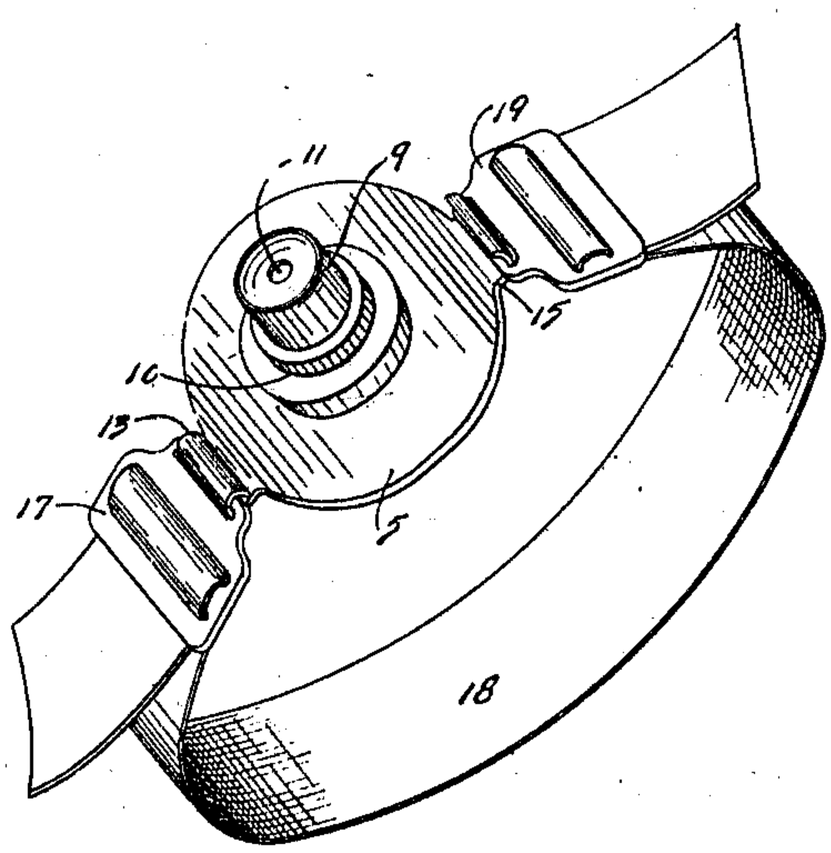

Fig. 1.

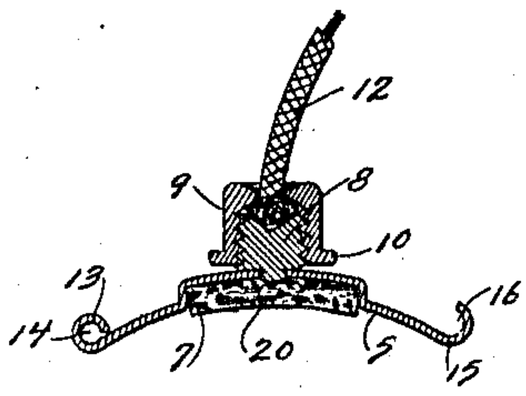

Fig. 2.

WITNESSES:

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CONTACT-DISK.

990,158. Specification of Letters Patent. Patented Apr. 18, 1911.

Application filed December 23, 1909. Serial No. 534,623.

To all whom it may concern:

Be it known that I, ELVARD L. MOSES, a citizen of the United States of America, residing at Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Contact-Disks, of which the following is a full, clear, and exact description.

My invention relates to contact disks as used in connection with some appliances adapted for therapeutic treatments.

My invention has for its object the production of a contact disk which shall be symmetrical and neat in appearance also one which can be easily and quickly attached to the body.

Moreover my contact disk provides a simple and novel arrangement for fastening a conducting wire thereto.

With these and other objects in view my invention consists in the novel construction, combination and arrangement of parts hereinafter described.

Reference is to be had to the accompanying drawings forming part of this specification in which similar characters of reference indicate similar parts in the several views of which:

Figure 1 is a perspective view of my contact disk with its elastic band. Fig. 2 is a sectional view taken centrally through the contact disk only.

The body 5 of my contact disk is preferably formed of one piece of stamped metal and has formed in the center thereof a recess or pocket 7, the inner periphery of which is slightly beveled as shown.

The general contour of the body of my contact disk is circular and the inner face is made to conform to the part of the human body to which it is to be applied by being curved as shown in Fig. 2.

To the top of the central part of the recessed portion of the body 5 is secured a screw-threaded stud 8. This stud is provided at its lower end with a small projection which is made to pass through an aperture in the top of the body 5 and it is then suitably secured thereto. The upper end of said stud is provided with a conical indentation. (See Fig. 2.)

A cap 9 which is interiorly screw-threaded, fits over the stud 8 and is provided with a knurled flange 10 which increases the grip of the fingers when screwing the cap in place. The wire 12 passes through the aperture 11 in the top of the cap 9, and the inner bared end of which being doubled over, is securely held in the conical indentation in the top of the stud 8 by means of the cap 9.

At one of the curved sides of the body 5 is an integral projection 13 which is bent around so as to form an eye 14. Diametrically opposite the integral projection 13, on the body 5 is another integral projection 15 which is bent so as to form a clasp hook 16. In the eye 14 is loosely mounted a slotted plate 17 to which one end of the elastic band 18 is adjustably secured. To the other end of the elastic band 18 is adjustably secured a slotted plate 19, the slot in the outer end of which fits over the clasp hook 16 as shown in Fig. 1. The elastic band 18 serves to hold the contact disk to that part of the human body to which it is attached.

A pad 20 of some absorbent material, preferably felt, is placed in the recess 7 of the body 5 and is held in place partly by means of the tapering side of said recess.

It will thus be seen that with my contact disk I obtain a contact with the human body of not only the absorbent material but also a contact of a portion of the metallic body of the disk.

When it is desired to use my contact disk the absorbent material is moistened and the disk is placed in position on that part of the human body to which the treatment is to be applied and it is held in the position by means of the elastic band 18.

Having thus described my invention, what I claim is:

A contact disk comprising a circular body

of stamped metal having a central pocket formed with a slightly beveled periphery and a central aperture in the pocket, a surmounting externally screw-threaded stud provided with a small projection at its inner end secured to the central aperture, and having a conical indentation at its outer end, and an internally screw-threaded cap fitting over the screw-threaded stud and having a central wire aperture and a knurled flange.

In testimony whereof I have hereunto set my hand in the presence of two witnesses.

ELVARD L. MOSES.

Witnesses:
J. WM. ELLIS,
ETHEL A. KELLY.
