

No. 684,269.

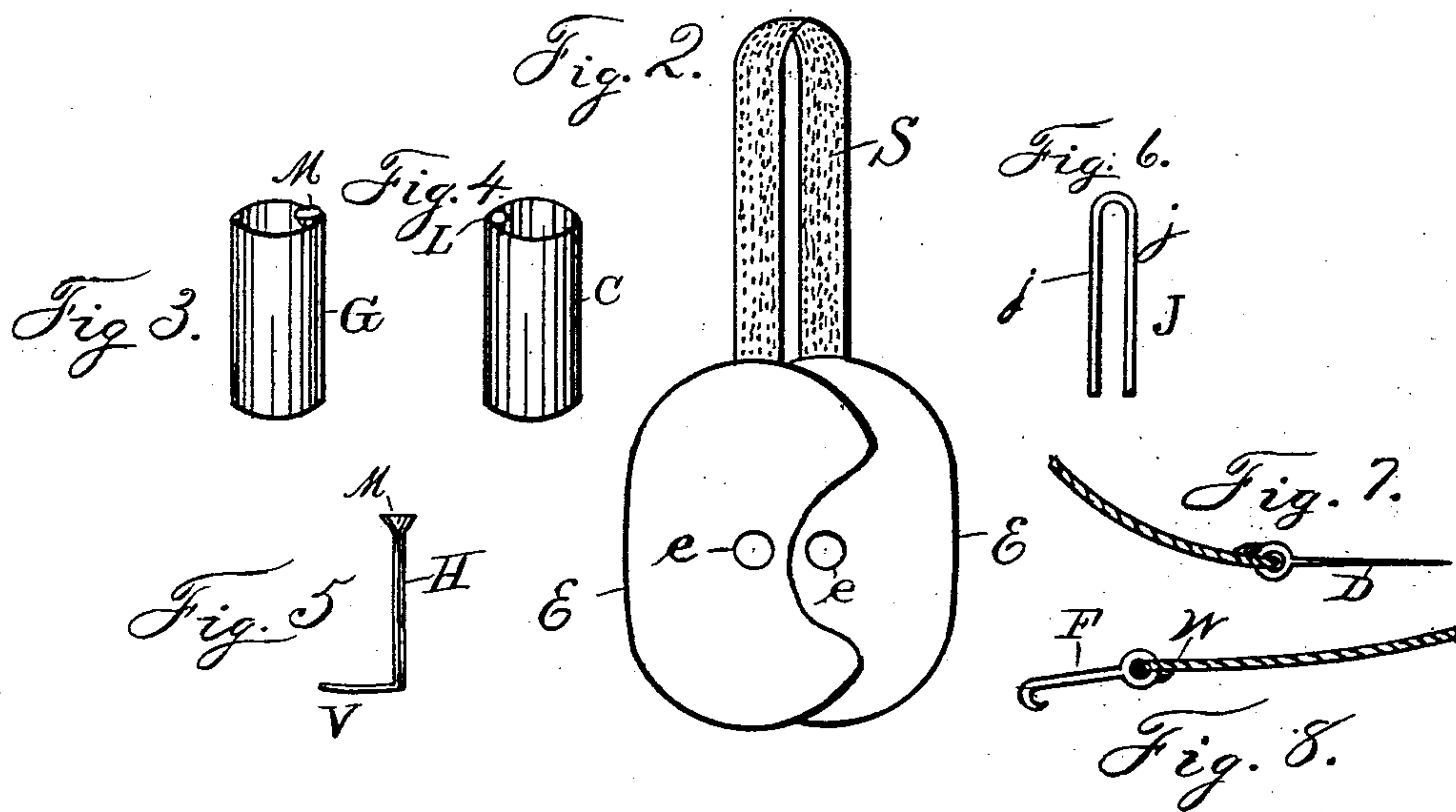
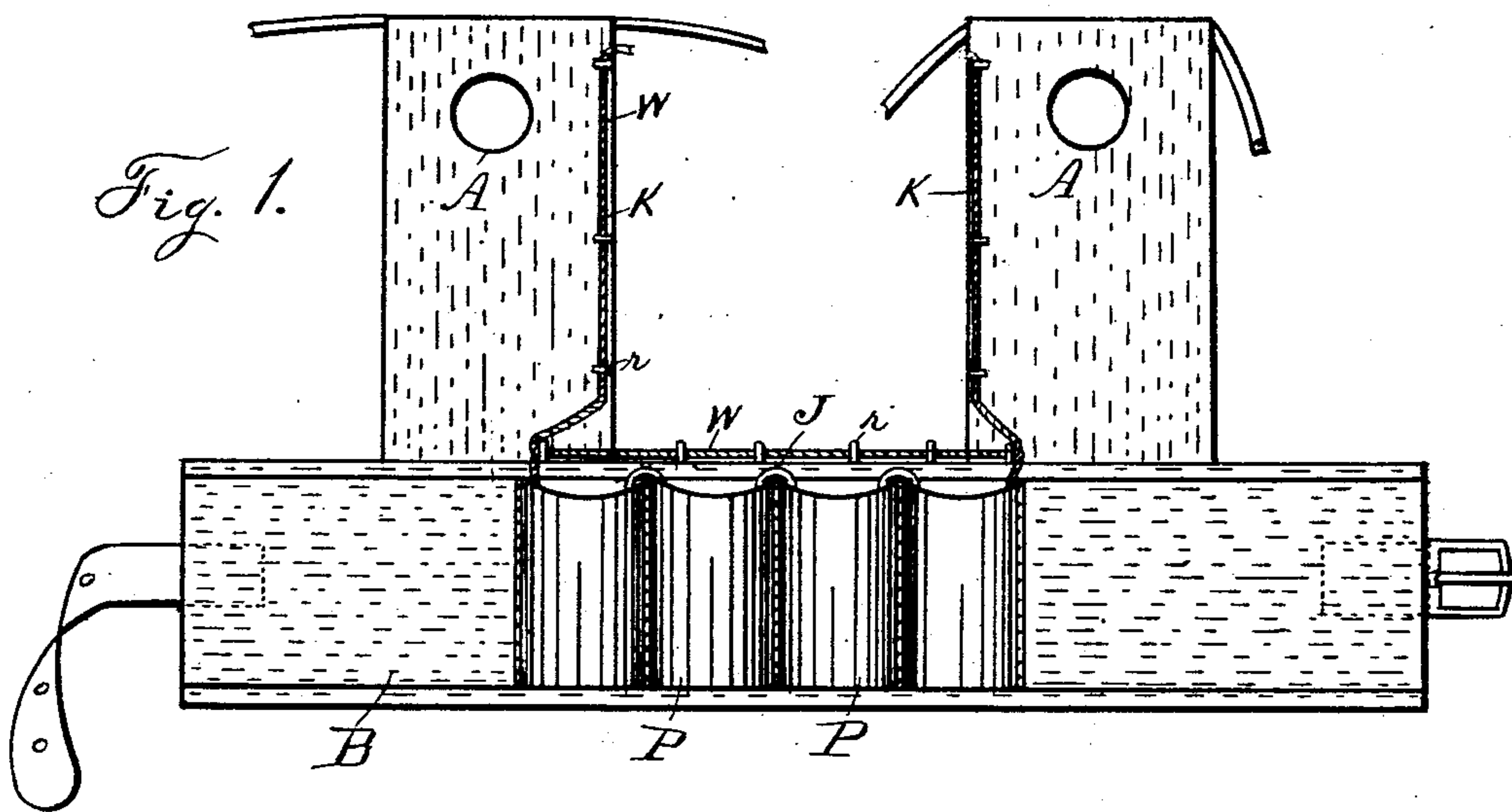
Patented Oct. 8, 1901.

J. KORNITZER.

ELECTRICAL APPARATUS FOR BODY WEAR.

(Application filed Aug. 12, 1901.)

(No Model.)



WITNESSES:

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# UNITED STATES PATENT OFFICE.

JOSEPH KORNITZER, OF SOCORRO, TERRITORY OF NEW MEXICO.

## ELECTRICAL APPARATUS FOR BODY WEAR.

SPECIFICATION forming part of Letters Patent No. 684,269, dated October 8, 1901.

Application filed August 12, 1901. Serial No. 71,796. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH KORNITZER, a citizen of the United States, residing at Socorro, in the county of Socorro, Territory of New Mexico, have invented a certain new and useful Body-Wear Electrical Apparatus; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The special object of the invention is to make a convenient apparatus for the electrolytic treatment of tuberculosis and readily portable by the traveler, so that it may be readily applied at any time by himself or by others.

Figure 1 of the drawings is an elevation showing the belt and suspenders attached thereto; Fig. 2, a fragmentary view of the electrodes; and Figs. 3 to 8, a series of detail views of several parts, some enlarged.

In the drawings, B represents the belt, which is intended when in use to extend around the flanks of the wearer and there to be held by strap and buckle or other equivalent device, while it is supported by the suspenders K K, which extend laterally about the sides of chest and vertically up to the wearer's neck.

A A are armholes through which pass the arms.

r represents ringlets on the belt and suspenders, and through these pass the conductors w, which may be cords of any suitable kind.

P represents pouches stitched on the front of belt, and C a zinc capsule open at top and having at one corner an integral or soldered tube, with the orifice L flush with that of capsule.

G is a flannel bag, to one corner of which is stitched the brass tube H with the shoe V, that rests on the bottom of bag, and a mouth M, that protrudes above the mouth of the bag, the same to be partly filled with powdered carbon, and above this with cotton. This mouth is closed, but that of the tube H left to protrude. The carbon-bag G is placed

to the right and the zinc tube to the left, or vice versa, in the capsule C.

J is a brass staple with two prongs j j, one of which goes into the zinc tube of one cell, while the other goes into the carbon-tube of another cell to the left. Four to six cells will be sufficient to form the battery.

E E are the electrodes connected by a strap S and provided with the holes e e, which may be eyelets. The strap S goes over the naked shoulder, so as to bring one electrode before and the other behind. The conducting-cords W have their ends passed through the eyelets e e and through any clothes over the body. Each cord W has on one end a hook F and on the other a connecting-pin D, these pins serving to connect the two end elements of the battery, so that the current may be readily stopped by pulling out one or both of the pins D. The cells are first drenched with the electropoison fluid, then put into the pouches P, connected by the staples J, the pin D of one cord into a carbon-tube and that of the other into the zinc tube of another cell, as shown in Fig. 1 of the drawings. One conductor-cord W comes out from the pouch and passes through ringlets r until its hook end connects with the eyelet e, while the other after passing through the ringlets goes up and over the shoulder until it reaches the back eyelet e. Thus the wearer can readily use his own battery.

Having described all that is necessary to a full understanding of my invention, what I claim as new is—

In a body-wear electrical apparatus, the belt B, suspenders K, electrodes E E connected by a strap S and having eyelet-holes e, the zinc capsule C carrying soldered tube with orifice L, the flannel bag G carrying the brass carbon-tube H with the shoe V, the conductors W having end hooks F and pins D, the ringlets r and the pouches P, all constructed and combined substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

JOSEPH KORNITZER.

Witnesses:

AUGUST WINKLER,  
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