

(No Model.)

J. E. PETERSON.
REMEDIAL APPLIANCE.

No. 602,228.

Patented Apr. 12, 1898.

Fig. 1.

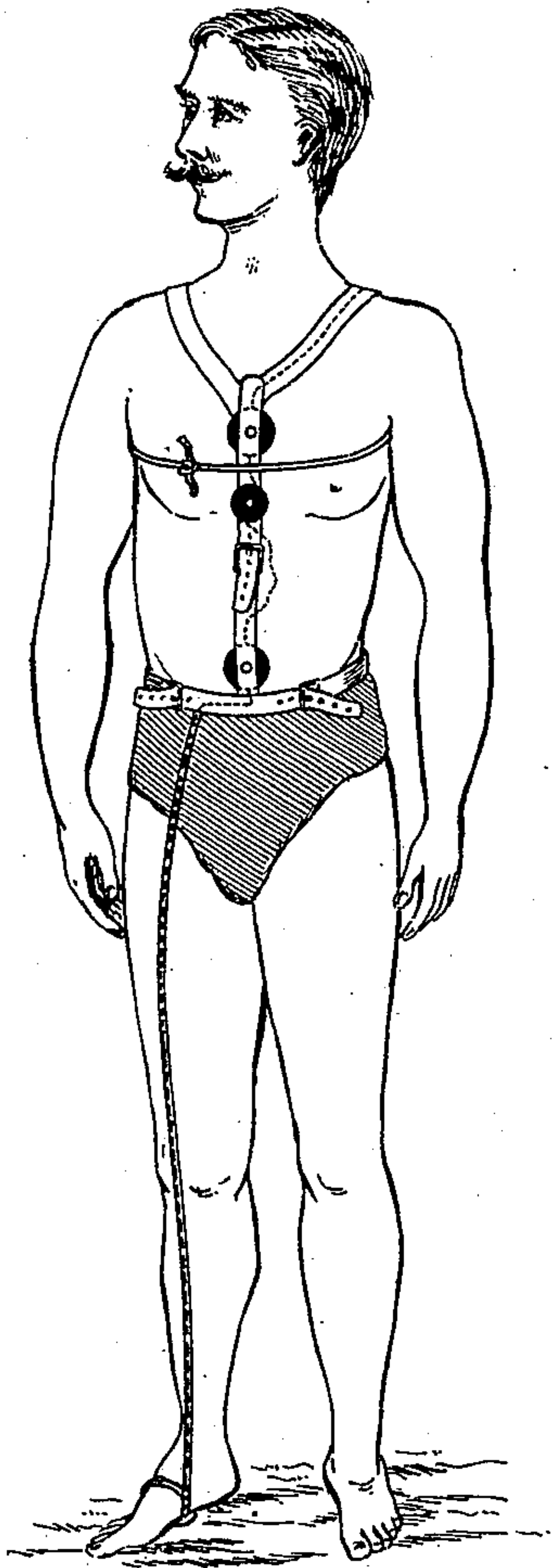


Fig. 2.

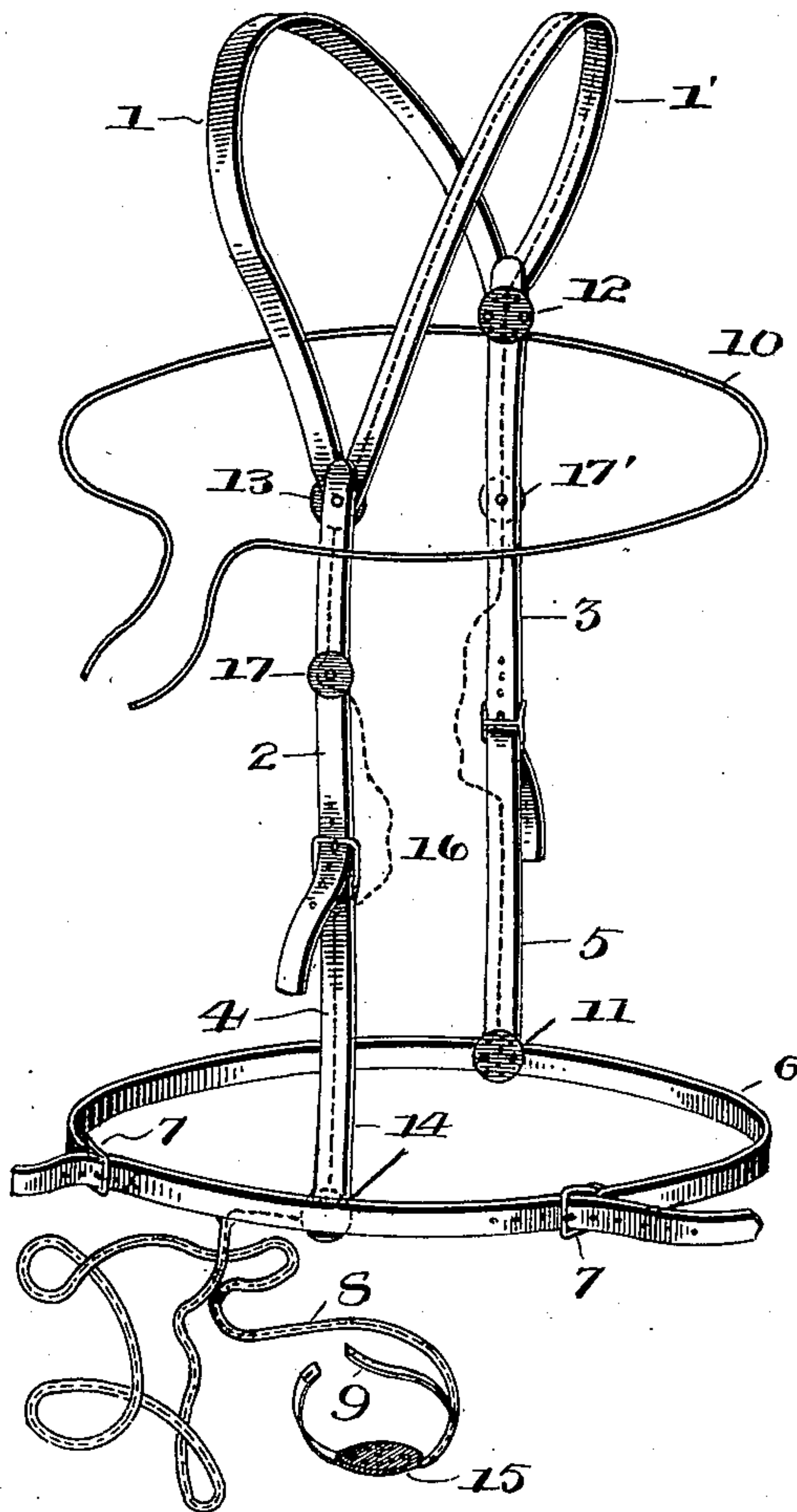


Fig. 3.

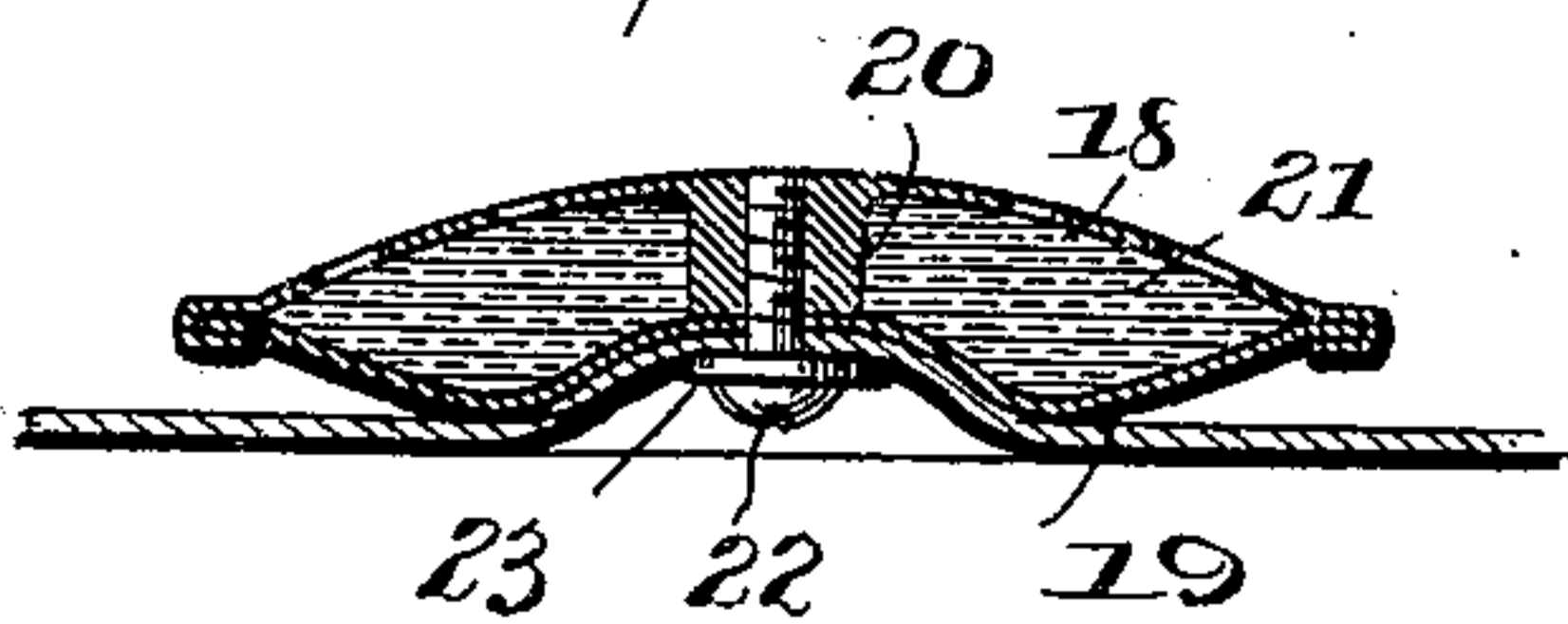
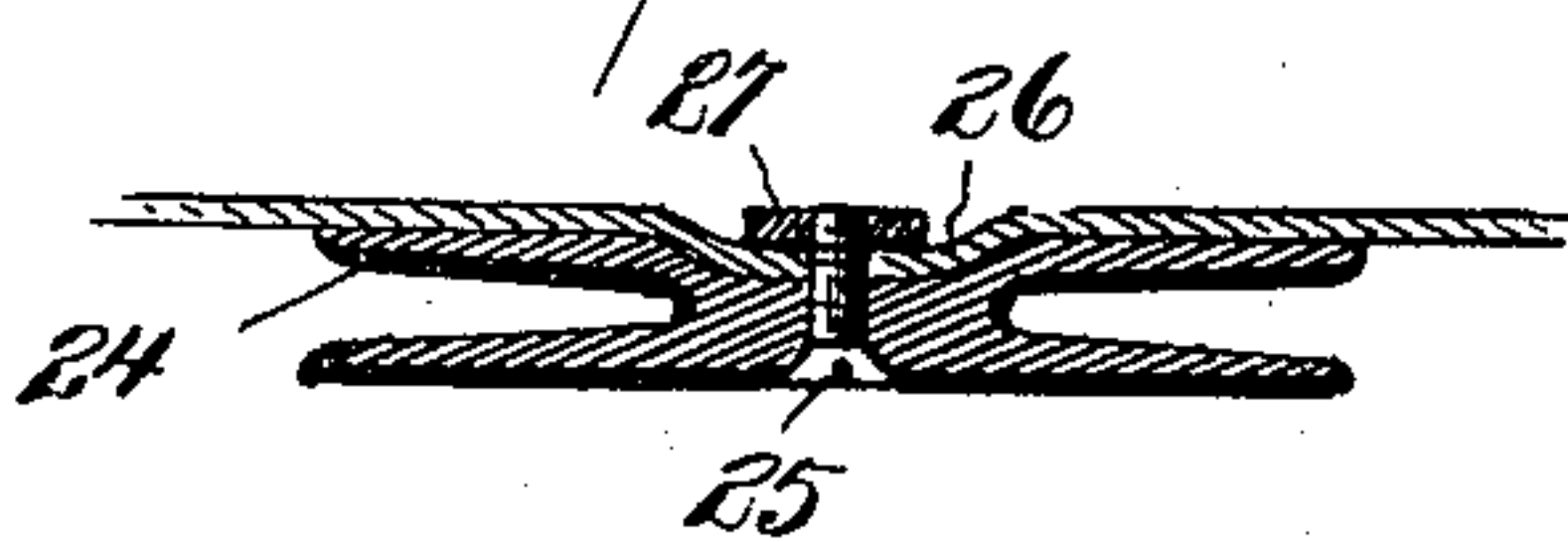


Fig. 4.



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UNITED STATES PATENT OFFICE.

JOHN E. PETERSON, OF WASHINGTON, DISTRICT OF COLUMBIA.

REMEDIAL APPLIANCE.

SPECIFICATION forming part of Letters Patent No. 602,228, dated April 12, 1898.

Application filed May 19, 1897. Serial No. 637,259. (No model.)

To all whom it may concern:

Be it known that I, JOHN E. PETERSON, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new, useful, and valuable Improvements in Remedial Appliances; and it consists in the novel construction and arrangement of its parts, as hereinafter described.

10 The object of my invention is to provide a device of the nature as stated, said device being provided with hollow disks, said disks adapted to come in contact with the body of the wearer, said disks containing a volatile-
15 compound substance adapted to act upon the desired parts.

The further object of my invention is to provide a suitable harness adapted to hold the disks in their proper places upon the wearer, 20 said harness being preferably made of silk webbing or other suitable material and being easily adjusted to a body of any size and being without discomfort to the wearer.

In the accompanying drawings, Figure 1 25 shows the device attached to the body of a man. Fig. 2 is a perspective view of the device detached from the body. Fig. 3 is a sectional view of a disk as it is used on the device, and Fig. 4 is a sectional view of a button
30 used on the device.

The device consists of the sections 1 and 1', which pass over the shoulders of the wearer, said sections being connected together at their ends. The forward ends of the sections 1 35 and 1' are connected to the upper end of the section 2, and the rear ends of the sections 1 and 1' are connected to the section 3. The lower ends of the sections 2 and 3 are connected by means of suitable buckles with the
40 sections 4 and 5, respectively. The lower ends of the sections 4 and 5 are connected together by means of the belt 6, said belt being provided at each side of the center of the body with a buckle 7. The upper end of the tape
45 8 is connected to the central forward section of the belt 6, the lower end of the tape 8 being provided with a strap 9, which is adapted to pass over the top of the foot and secure the lower end of the tape in place. A cord 10 is
50 connected at an intermediate point to the section 3. Said cord is adapted to pass around the body of the wearer under the armpits and

be tied together at its ends, as shown in Fig. 1. The disk 11 is secured to the under side of the section 5 at or near the lower end thereof. 55 The disk 12 is secured to the inner side of the section 3 at or near the upper end thereof. The disk 13 is secured to the section 2 at or near the upper end thereof, the disks 12 and 13 being substantially opposite each other 60 when the device is in position on the body. The disk 14 is secured to the inner side of the section 4 at or near the lower end thereof, the disks 11 and 14 being substantially opposite each other when the device is in position on 65 the body. The disk 15 is located at or near the lower end of the tape 8. Said disk is adapted to bear against the sole of the foot of the wearer when the device is in position on the body of the wearer. Said disks are con- 70 nected by means of the insulated wire 16, the insulation of said wire being removed at the point of junction with the disks. The sections 2 and 3 are provided, respectively, with the buttons 17 and 17', the slack in the wire 75 16 between the connecting ends of the sections 3 5 and 2 4 being adapted to be taken up by winding the wire about the buttons 17 and 17'.

All of the disks above mentioned are identical in construction. Said disks consist of 80 the inner convexed perforated plate 18 and the outer concaved-convexed plate 19. The internally-threaded post 20 is adapted to connect the centers of the plates 18 and 19. A 85 screw 22 passes through the washer 23 and the webbing, the inner end of the screw being adapted to enter the threaded interior of the post 20, and thus the disks are secured in place. The wire 16 is connected to the 90 disks by being wound around the screw between the washer 23 and the webbing. As above stated, the portion of the wire that is wound around the screw 22 is bare.

The buttons 17 and 17' are provided about 95 their peripheries with annular recesses 24, the walls of said recesses being inclined, as shown in detail in Fig. 4. Each button is provided with a central perforation, and the screw 25 passes through said perforation, the 100 head of the screw being countersunk in the face of the button. The under side of the button is provided with the depression 26, and the tap 27 is adapted to secure the web-

bing to the button, said tap 27 being located in the depression 26 when in place on the screw. It will also be seen that the head of the screw 22 is located under the convexed central portion of the plate 19 of the disks.

The volatile compound 21 consists of the following-named ingredients in the proportions as stated: rhodinate, one part; quinin, two parts; wintergreen, one part; sulfur, one part; powdered alum, one part; bismuth, one part; spermaceti, three parts; rosin, one part.

The pungent odor from the above compound and the combined action of the elements forming the compound act by absorption and neutralization of noxious matter.

When the device is on the body of the wearer, the disks come in contact with the body at the points where the nerves are nearest the surface and an action is produced tending to remove or destroy any nervous affection. The disk 11 comes in contact with the nerves near the base of the spinal column. The disk 12 comes in contact with the nerves extending from the spinal column between the shoulders. The disk 13 comes in contact with the ends of the nerves that extend around the body. The disk 14 comes in contact with the ends of the nerves extending around the abdomen. The disk 15 comes in contact with the ends of the nerves located in the sole of the foot. The wire also reinforces the various parts of the device to which it is attached and, furthermore, tends to hold the ends of the sections 2 and 4 and 3 and 5 together, thus reinforcing the sections holding said disks together.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A device such as described consisting of suitable disks, a webbing supporting said disks, a wire connecting all of the disks, said wire being secured to the webbing, the front and rear sections of the webbing having suitable means for adjustment, buttons fixed to

the webbing above said means of adjustment, the wire being disconnected from the webbing about the means of adjustment, said wire also being slack about said means of adjustment and the slack adapted to be taken up by winding the wire about the buttons.

2. In a device such as described, a disk having an inner convexed plate and an outer concaved plate, said plates being secured together at their edges, the inner plate being perforated and the outer plate being adapted to be secured to the webbing of the device and a post attached to the inner side of the convexed plate and bearing at its end against the opposite plate, the disk being adapted to contain a compound.

3. In a device such as described, a disk consisting of an inner convexed plate and an outer concaved-convexed plate, the inner plate being perforated, a post secured to the inner side of the convexed plate, said post being internally threaded and bearing at its ends against the convexity of the concaved-convexed plate, a screw passing through the webbing of the device and being located at its end in the threaded interior of the post.

4. In a device such as described, a suitable webbing made in sections with means for adjusting and a wire connected to said webbing, a button adapted to take up the slack in the wire, said button having about its periphery an annular recess, and a depression located in its under side, said button having a central perforation, a screw passing through said perforation and through the webbing, a tap adapted to secure the buttons to the webbing, said tap when in place being located within the lateral depression of the button.

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

JOHN E. PETERSON.

Witnesses:

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BERTHA L. DANA.