

July 27, 1926.

1,594,053

L. M. EVANS

ELECTRICALLY HEATED APPLIANCE FOR USE UPON THE BODY

Filed May 21, 1925

Fig. 1.

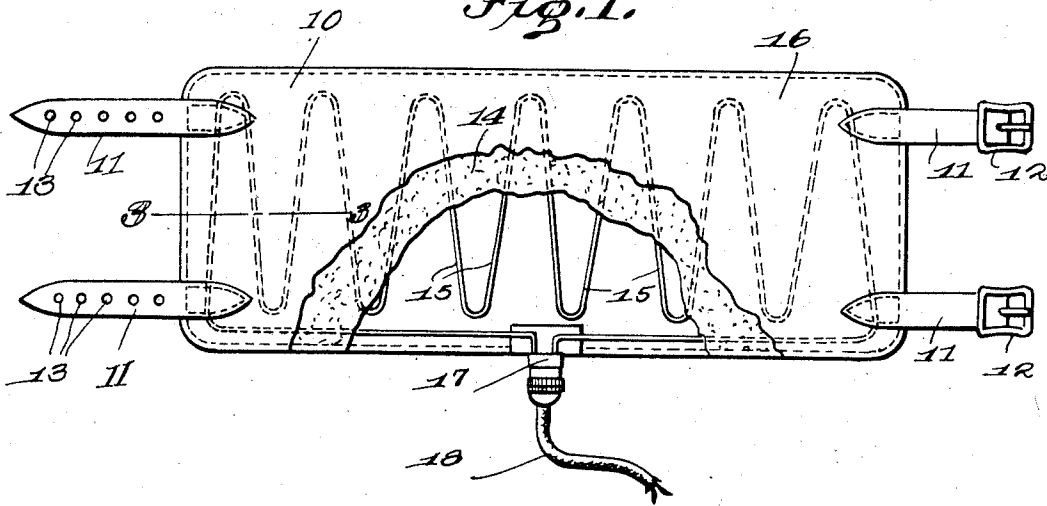


Fig. 2.

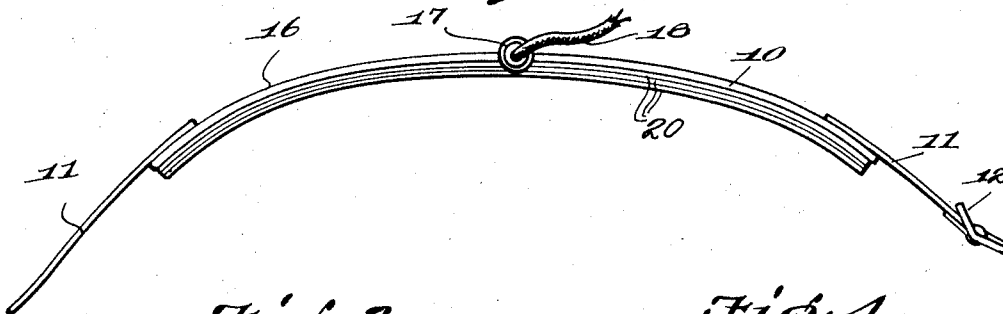


Fig. 3.

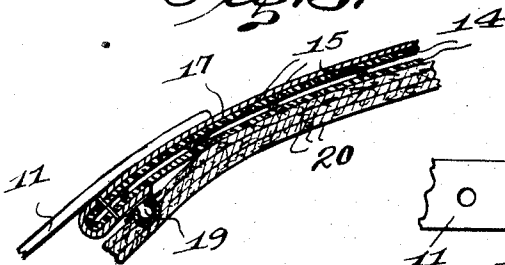
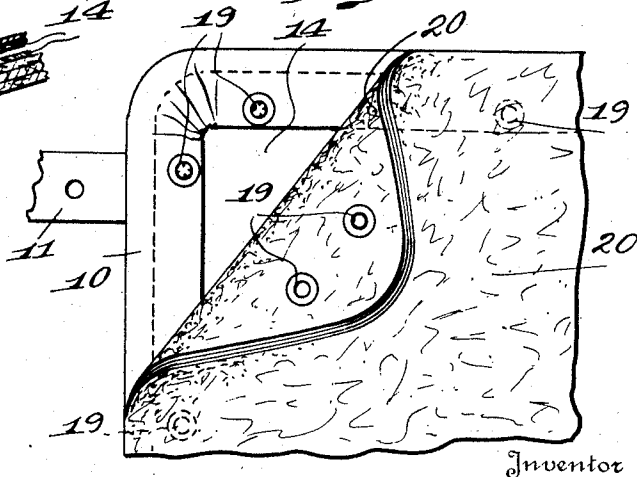


Fig. 4.



Inventor

Lindley M. Evans

UNITED STATES PATENT OFFICE.

LINDLEY M. EVANS, OF HAIGLER, NEBRASKA.

ELECTRICALLY-HEATED APPLIANCE FOR USE UPON THE BODY.

Application filed May 21, 1925. Serial No. 31,845.

The present invention relates to an electrically heated appliance for use upon the body, and aims to provide a novel and improved device of this character which can be conveniently placed about the part of the body to be treated by local application of heat for efficiently applying an even temperature for curing the ailment, said device having the usual electric light socket carried thereby for permitting the supply of current thereto.

Another object of the invention is the provision of a heating element having a covering of asbestos or some other insulating material which retains heat, and a series of layers of loosely woven material detachably connected to the inner side of the device for holding heat and absorbing moisture and for permitting the device to snugly fit in place about the ailing part of the body to be treated.

It is also an object of the invention to provide a heating appliance of the kind indicated, which is simple and substantial in construction, which can be manufactured economically, and which will be thoroughly efficient and practical in use.

With the foregoing and other objects in view which will be apparent as the description proceeds, the invention resides in the construction and arrangement of parts, as hereinafter described and claimed, it being understood that changes can be made within the scope of what is claimed, without departing from the spirit of the invention.

The invention is illustrated in the accompanying drawings, wherein:

Figure 1 is a side elevation of my improved device showing portions thereof broken away,

Figure 2 is a lower edge view of the same,

Figure 3 is a fragmentary horizontal section taken on line 3—3 of Figure 1, and

Figure 4 is a fragmentary elevation illustrating the inner side of the device and showing the loosely woven material on the inner side partly detached from the device.

In carrying out the invention, the numeral 10 indicates an elongated body having attached to the opposite ends thereof a pair of straps 11, one set having buckles 12 thereon while the other set is provided with apertures 13 through which said buckles en-

gage. The elongated body 10 is composed of a pair of asbestos or any other suitable material 14 between which is positioned the heating element 15, said heating element in the present instance being shown as a continuous wire arranged for covering practically the entire length and width of the body 10, and a covering 16 arranged over the outermost asbestos member 12 for protecting the same. The opposite ends of the heating wire 15 terminate at a point adjacent the ends of the body and are connected to an electric socket 17 which in turn is connected to the lead in wires 18 from the source of current.

Arranged upon the inner side of the body 10 are the male portions of snap fasteners 19, while the other portions of said snap fasteners are carried by a series of loosely woven strips of material 20, so that said strips of material 20 may be readily detached from the body 10 for cleaning, or the like. The strips of loosely woven material may be of wool or some similar material that will retain the heat from the heating element and absorb the moisture from the body.

In use the body 10 is placed about the ailing part of the human body and brought into snug contact therewith by securing the straps 11 at the opposite ends of said body together. The current is then turned on which will cause the series of loosely woven woolen material to be heated for applying a local application of heat to the ailing part of the human body. By providing the asbestos members 14 the danger of the heating element igniting the device is eliminated as well as providing means for retaining the heat in the body in order that the same may be applied to the ailing part.

The device will be found very practical in treating pneumonia, as the same may be arranged about the lungs of a human body for supplying an even temperature of heat thereto, although it is to be understood that the invention is not limited to this particular use and may be used for treating any part of a human body.

Having thus described my invention, what I claim as new is—

A heat applicator comprising an envelope of heat insulating material, a resistance element enclosed within the envelope, a cover

strip applied to one side of the envelope and extended around the edges thereof, securing devices mounted adjacent the edge of the cover strip and a blanket strip having securing devices adapted to engage the securing devices upon the cover strip and adapted to lie over the edge portions of the cover

strip and at the opposite side of the envelope from that side at which the body portion of the cover strip lies. 10

In testimony whereof, I have affixed my signature.

LINDLEY M. EVANS.