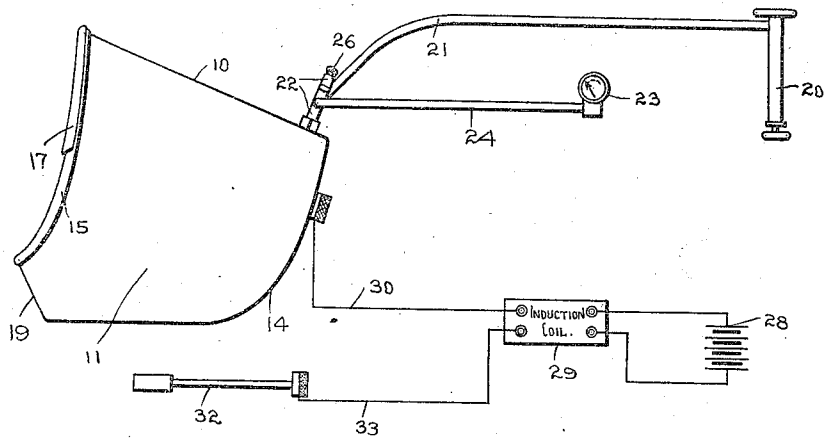
June 17, 1924. 1,498,430

A. C. DOERFLER

VACUUM APPLIANCE

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*Fig. 1.*



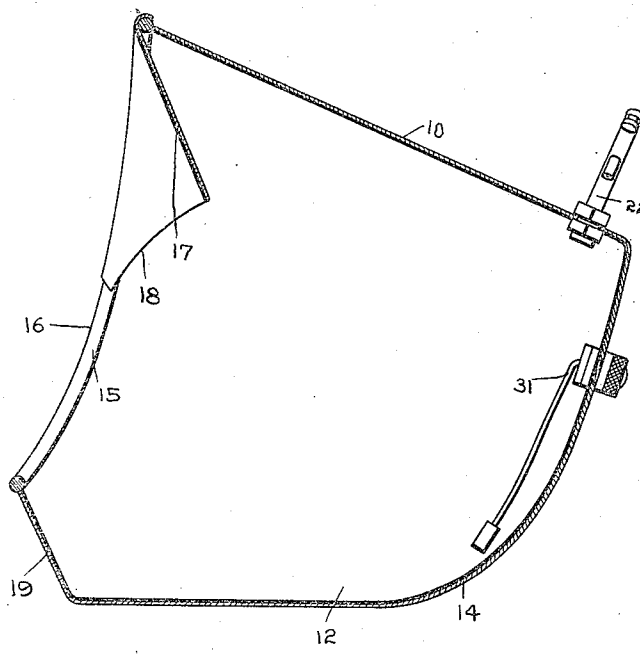




*Fig. 2.*

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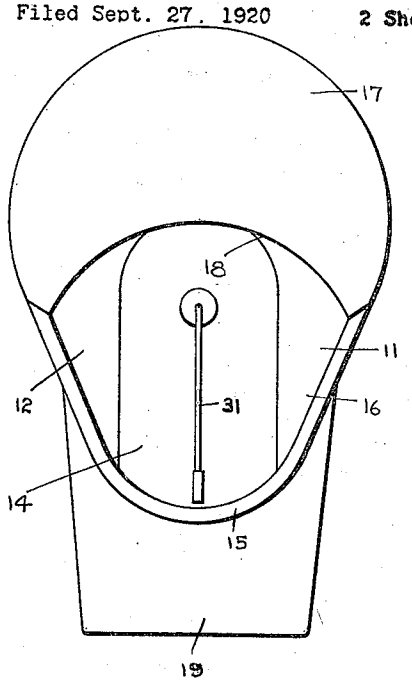
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VACUUM APPLIANCE

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Fig. 3.



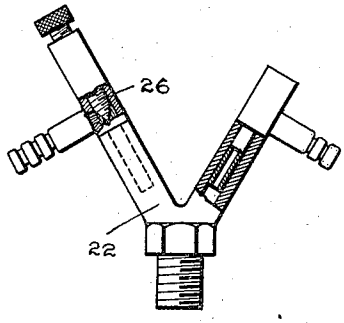




Fig. 4.

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Patented June 17, 1924. 1,498,430

# UNITED STATES PATENT OFFICE.

ALOYSIUS C. DOERFLER, OF HOT SPRINGS, ARKANSAS.

## VACUUM APPLIANCE.

Application filed September 27, 1920. Serial No. 412,931.

*To all whom it may concern:*

Be it known that I, ALOYSIUS C. DOERFLER, a citizen of the United States, residing at Hot Springs, in the county of Garland and State of Arkansas, have invented certain new and useful Improvements in Vacuum Appliances; and I do hereby 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.

This invention relates to a vacuum appliance for treating sexual organs, and the object is to provide for increasing the circulation of the blood in the vicinity of these organs, for restoring them to a condition of health.

A further object is to provide for such treatment by the application of moist heat, and with the aid of the electric current.

A still further object is to provide a fourfold treatment, including the production of a partial vacuum in a casing suitable for the purpose and applied to the body, the application of moist heat, and the use of an electric current and vibrator.

A still further object is to provide a treatment of the type indicated, suitable for either sex.

With the foregoing and other objects in view, the invention consists in the novel features hereinafter described and claimed.

In the drawings,

Figure 1 is a general view of the apparatus, the casing for applying moist heat and permitting the production of a partial vacuum being shown in elevation,

Figure 2 is a vertical section through the casing,

Figure 3 is a view showing the open side of the casing,

Figure 4 is a detail of construction described below.

In the practical embodiment of the invention, I provide a casing having an upper curved wall 10, side walls 11 and 12, and a curved wall 14 extending from the front portion rearwardly and downwardly, to form the bottom.

The casing is preferably made from sheet metal such as copper, and the edge portions 15 adjacent to the main opening 16 are rolled as shown, the edges being proportioned to conform to the body near the sexual organs.

An upper rear wall 17 extends across the upper portion of the opening 16 and is provided with a curved lower edge portion 18. Below opening 16 the lower end wall 19 extends upwardly to the point shown.

It will be observed that the wall 17 is deflected or formed with a concave surface and is segmental in form to conform to the shape of the stomach, it being necessary that the device should properly fit the body and accommodate the organs to be treated the device is adapted for both male and female use.

A vacuum pump is designated 20, and has connection by means of hose 21 with the tubular element 22, permitting air to be withdrawn from casing 10. A gage 23 indicates the degree of reduced air pressure, (hose 24 leading to the tubular element) and a regulating valve is shown at 26.

Connected with a source of current 28 is an induction coil 29, and one lead wire 30 extends to electrode 31 within the casing, where it is immersed in the water, the other electrode 32, connected with wire 33 being intended for application to the body at a suitable point, for completing the circuit. It may be applied effectively to the prostate gland.

In the use of the device, water as hot as can be conveniently used, is introduced into the casing, the latter is fitted to the body sufficiently close to prevent outside air from entering, and the air is exhausted through the connection with the pump, or vacuum tank, regulation being effected by valve 26. The air pressure is further reduced as the treatment progresses. The battery and vibrator, or coil, may be used as required and as indicated by the physician —or say, once each day, the treatment previously described being more frequent. The chief object is to increase the blood circulation and thus vitalize the organs, and to provide the stimulating effect of the electric current.

I do not wish to limit myself to details of construction, but may make such changes, alterations, or additions as fall within the scope of the appended claim.

What I claim is—

A therapeutic apparatus for male and female use comprising a casing having its bottom wall provided rearwardly beyond its top wall with a shallow rear wall sec-

tion extending upwardly and rearwardly, the rear edges of the side walls above said section extending downwardly and rearwardly to the upper edge of said section, the lower portions of said side walls extending rearwardly to said rear wall section, an upper rear wall section above the first mentioned rear wall section secured to said top wall and the rear edges of said side walls, and said upper rear wall section being deflected from its margin inwardly to conform to the stomach.

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

ALOYSIUS C. DOERFLER.

Witnesses:

WILLIAM H. BOSAND,

PETER A. COSGROVE.