L. B. HART.

SURGICAL APPLIANCE.

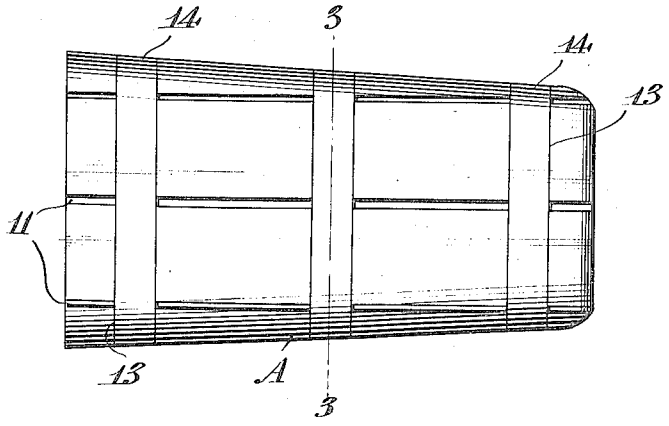
APPLICATION FILED APR. 20, 1916.

1,206,324.

Patented Nov. 28, 1916.

2 SHEETS—SHEET 1.

Fig. 1.



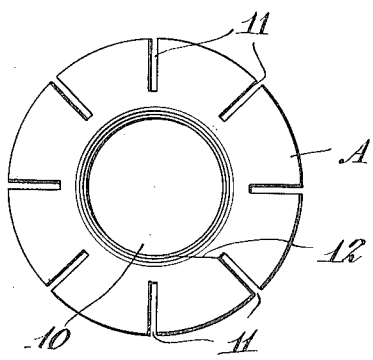


Fig. 2.

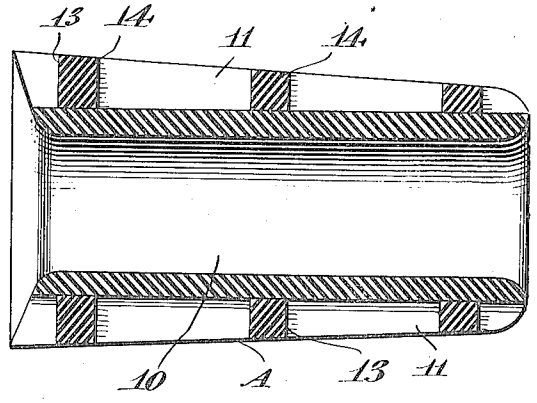


Fig. 4.

Witnesses

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2 SHEETS—SHEET 2.

Fig. 3.

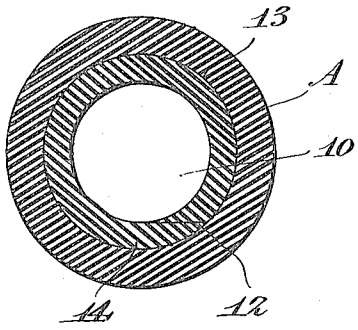


Fig. 5.

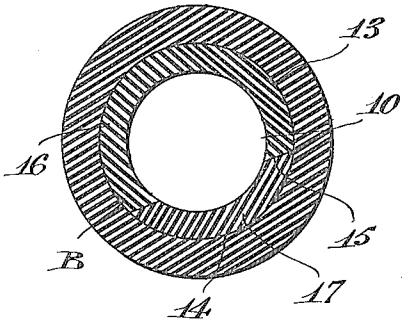


Fig. 6.

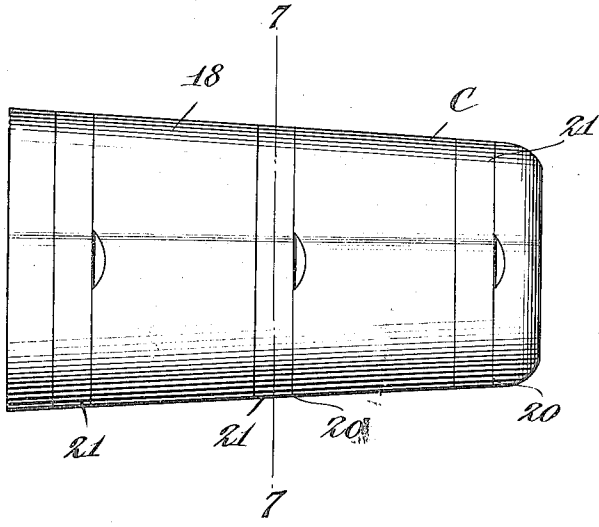
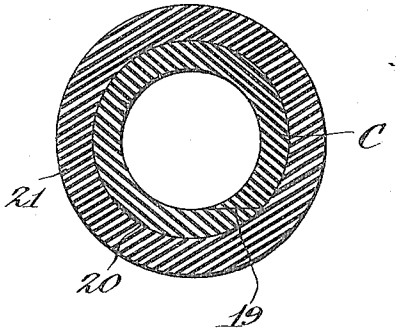


Fig. 7.



Witnesses

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UNITED STATES PATENT OFFICE.

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SURGICAL APPLIANCE.

1,206,324. Specification of Letters Patent. Patented Nov. 28, 1916.

Application filed April 20, 1916. Serial No. 92,456.

To all whom it may concern:

Be it known that I, LEWIS B. HART, a citizen of the United States, residing at Plaquemine, in the parish of Iberville and State of Louisiana, have invented new and useful Improvements in Surgical Appliances, of which the following is a specification.

The invention relates to an appliance, and more particularly to the class of surgical appliances.

The primary object of the invention is the provision of an appliance of this character, wherein the construction forming the subject matter of Letters-Patent No. 1,153,072, issued to me on or about the 7th day of September, 1915, is generally improved, so as to render such appliances more efficient, and without any possibility of the slightest injury to the user.

Another object of the invention is the provision of an appliance of this character, wherein the same can be more readily applied to and removed from the user, and also permitting a greater degree of adjustability.

A further object of the invention is the provision of an appliance of this character, which is extremely simple in construction, strong, durable and inexpensive in manufacture.

With these and other objects in view, the invention consists in the features of construction, combination and arrangement of parts, as will be hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereunto appended.

In the accompanying drawings, Figure 1, is a side elevation of an appliance constructed in accordance with the invention. Fig. 2, is an end elevation thereof. Fig. 3, is a sectional view on the line 3—3 of Fig. 1. Fig. 4, is a longitudinal sectional elevation. Fig. 5, is a transverse sectional elevation, showing a slight modification. Fig. 6, is a side elevation of a further modification. Fig. 7, is a sectional view on the line 7—7 of Fig. 6.

Similar reference characters indicate corresponding parts throughout the several views in the drawings.

Referring to the drawings in detail, particularly Figs. 1 to 4, inclusive, the appliance comprises a body A, preferably made from rubber, to render the same freely flexible and resilient, to the degree desired. This body A, is in the form of a sleeve of truncated cone shape, so that its outer circumference tapers from one end toward the other, and may be of any desired length, while the bore 10, centrally within the sleeve is of uniform diameter throughout the extent thereof, and in which is adapted to be received the male organ. Formed in the outer circumference of the sleeve at equal distances apart and extended longitudinally throughout the length of the same, are radially disposed slots 11, each being of a depth slightly less than the thickness of the wall of the sleeve and open through the outer surface of the sleeve, so that in this manner the same is rendered freely flexible, while the material from which it is made will give the required resiliency thereto. The sleeve is diagonally slitted at 12, which opens through the inner surface thereof or the wall of its bore 10, and into one of the slots 11, so that said sleeve may be placed about the male organ in the application thereof. In the outer surface or circumference of the sleeve at spaced intervals are transversely arranged annular channels 13, in which are detachably received resilient endless bands 14, which serve to fasten the sleeve on the male organ, and also allow for expansion and contraction thereof. Thus it will be seen that the sleeve will adjust itself to different sizes of male organs.

In Fig. 5, of the drawings there is shown a slight modification of the appliance, wherein the body B, is slitted as at 15, to provide separable sections 16 and 17, respectively, and in this intance, these sections are held together through the medium of the bands, which are constructed and applied in a manner as hereinbefore described.

In Figs. 6, and 7, of the drawings there is shown a further modification, wherein the body C, is made with its outer periphery or circumference without slots, so that the outer surface 18, is perfectly smooth, yet the body is diagonally slitted at 19, to permit the application of the appliance to the male organ, and in this outer surface transversely thereof are the annular channels 20, in which are detachably held the bands 21, which fasten the said appliance on the organ.

It is of course understood that the bodies hereinbefore mentioned may be made of uniform cross-sectional diameter, or tapered from one end to the other. Also the bodies, ecah may be beveled at one end, or rounded.

In fact, it is to be clearly understood that the bodies may be of any desirable shape and construction as come properly within the scope of the appended claim, without departing from the spirit of the invention or sacrificing any of its advantages.

What is claimed is:

A device of the character described comprising a sleeve formed from resilient material having a slit throughout the length and intersecting the wall thereof in a plane parallel to its axis which does not coincide with a plane radial thereto, and annular members detachably embedded in the outer surface of the sleeve transversely thereof at intervals to hold the slit closed.

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

LEWIS B. HART.

Witnesses:

GEO. A. DELACROIX,

HY. BERAUD.