

No. 853,410.

PATENTED MAY 14, 1907.

E. D. HUEBNER.
SURGICAL APPLIANCE.
APPLICATION FILED JAN. 21, 1907.

Fig. 1.

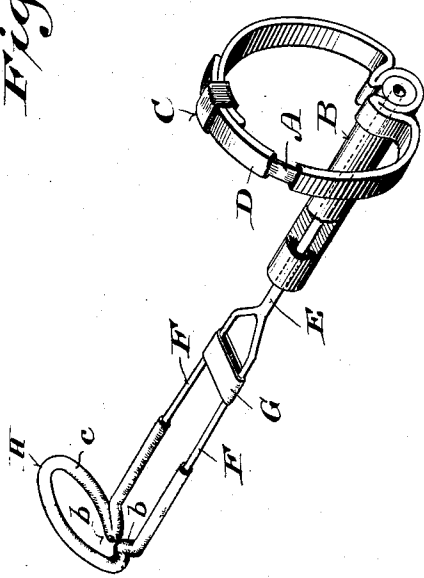


Fig. 2.

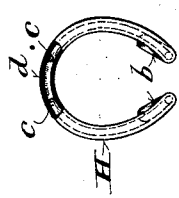
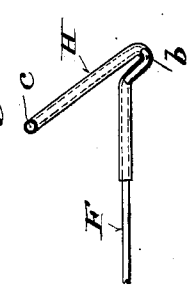


Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

ERNEST D. HUEBNER, OF MILWAUKEE, WISCONSIN.

SURGICAL APPLIANCE.

No. 853,410.

Specification of Letters Patent.

Patented May 14, 1907.

Application filed January 21, 1907. Serial No. 353,188.

To all whom it may concern:

Be it known that I, ERNEST D. HUEBNER, a citizen of the United States, and a resident of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Surgical Appliances; and I do hereby declare that the following is a full, clear, and exact description thereof.

The invention consists in what is herein shown, described and claimed; its object being to provide simple, economical and efficient appliances, each designed for use on a feeble or crooked male generative organ to assist the same in the natural performance of its function in coition, provision being had for exerting pressure on the dorsal vein and other portions of said organ without discomfort or injury to either male or female.

Appliances of the kind aforesaid serve as mechanical aids to medical treatment of the not unfrequently occurring inactivity or incapability of male generative organs to perform their reproductive office, which state of said organs is abnormal or unnatural and constitutes malformation, disease or ailment that may be remedied or counter-acted by proper treatment and the employment of said appliances.

Devices that are wholly or partially endless elastic bands have been devised for the purposes of an appliance similar to the one herein set forth, but such devices are necessarily of predetermined sizes and often too large for the patient or too constrictive for the comfort or welfare of said patient. In view of these facts the appliance in accordance with my invention comprises a vein-compressor adjustable to various diameters, and a longitudinal support that is preferably extensible, this support being in connection with said compressor.

Figure 1 of the accompanying drawings represents a perspective view of a surgical appliance in accordance with my invention partly broken away, there being some exaggeration of detail to better illustrate the construction of said device; Fig. 2, a front elevation of same partly broken away, and Fig. 3, a side elevation of a fragment of the appliance.

Referring by letter to the drawings, A indicates a split-band of steel or other suitable flexible material in rigid connection with the rear end of a sleeve B, the ends of the band being lapped one upon the other and held in

adjusted position by an elastic contractive slide C of mild strength or other suitable means. To cushion the band A, the same is covered with soft elastic material D, as herein shown, said band, cushioned or otherwise, serving to compress the dorsal vein of a male generative organ upon which it is placed to surround the same immediately adjacent to the abdominal wall, and thus partially support the appliance as a whole.

The sleeve B is preferably of somewhat flexible elastic material and has automatic friction-grip on the shank E of a fork in adjustable engagement therewith, said sleeve and fork together constituting an extensible support, the greater portion of which is parallel to the corpus spongiosum of the aforesaid organ, in practice, and which will maintain a normally crooked organ in straightened condition. The branches F of the fork are flexible, suitably bent and normally divergent from the shank E forward of same, and a contracting slide G is employed on said branches, this slide being preferably of elastic material.

The fork is adjusted to have the inwardly extending depending forward bends *b* of its branches F flank the meatus of the aforesaid organ, these bends and the upwardly extending, laterally curved and rearwardly inclined portions *c* of the fork-branches being covered with a flexible jacket H of soft elastic material that extends rearward on the straight portions of said branches. In practice, the jacketed portions *c* of the fork-branches F are immediately in rear of the corona of the aforesaid organ and grip the corpora cavernosa of same, the jacket H, at *d*, between the preferably rounded ends of said branches, serving to complete a forward automatically expansible arch of the appliance.

The normal spread of the fork-branches F, with reference to the comfort of the wearer of the appliance herein set forth, is readily determined by manipulation of said branches and adjustment of the jacket H, the slide G being adjusted on the aforesaid branches to regulate normal intensity of yielding grip by the forward automatically expansible arch of said appliance. These several adjustments being properly effected, the appliance, in practice, does not exert pressure upon the urinary canal under any conditions, this being an advantageous feature of said appliance.

The apparent projections in the split-band

A at its junction with the sleeve B are so slight in practice as not to be noticeable or uncomfortable, they being considerably exaggerated in the showing along with other parts of the appliance.

I claim:

1. A surgical appliance comprising an annular compressor adjustable to various diameters, a support extending from the compressor and having normally divergent branches provided with forward inwardly extending depending bends and which are upwardly extended, laterally curved and rearwardly inclined adjacent to these bends; a flexible elastic jacket adjustable on said branches of the support to therewith form an extensible forward arch, and a contracting slide for the aforesaid branches of said support.
2. A surgical appliance comprising an annular compressor adjustable to various diameters, a longitudinally extensible support in connection with the compressor, and having normally divergent branches provided with forward inwardly extending depending bends and which are upwardly extended, laterally curved and rearwardly inclined adjacent to these bends; a flexible elastic jacket adjustable on said branches of the support to therewith form an extensible forward arch, and a contracting slide for the aforesaid branches of said support.
3. A surgical appliance comprising a flexible split-band, means for holding the ends of

the band adjustably lapped one upon the other, a support extending from said band and having normally divergent branches provided with forward inwardly extending depending bends and which are upwardly extended, laterally curved and rearwardly inclined adjacent to these bends; a flexible elastic jacket adjustable on said branches of the support to therewith form an extensible forward arch, and a contracting slide for the aforesaid branches of said support.

4. A surgical appliance comprising a flexible split-band, means for holding the ends of the band adjustably lapped one upon the other, a flexible elastic sleeve extending from said band, a fork having its shank in longitudinally adjustable engagement with the sleeve, the fork-branches being normally divergent and provided with forward inwardly extending depending bends, from which bends they are upwardly extended, laterally curved and rearwardly inclined; a flexible elastic jacket adjustable on said fork-branches to therewith form an extensible forward arch, and a contracting slide for the aforesaid fork-branches.

In testimony that I claim the foregoing I have hereunto set my hand at Milwaukee in the county of Milwaukee and State of Wisconsin in the presence of two witnesses.

ERNEST D. HUEBNER.

Witnesses:

N. E. OLIPHANT,
GEORGE FELBER.