

J. A. BOFFIN.
SURGICAL INSTRUMENT
APPLICATION FILED DEC. 16, 1908.

1,006,052.

Patented Oct. 17, 1911.

Fig. 1.

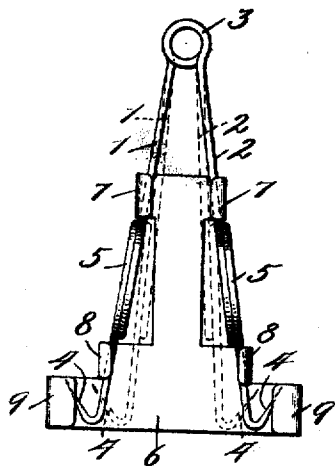


Fig. 2.

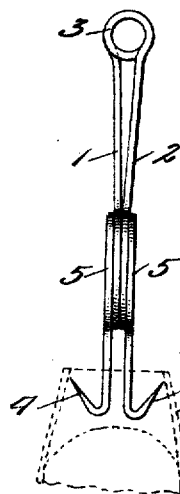


Fig. 4.

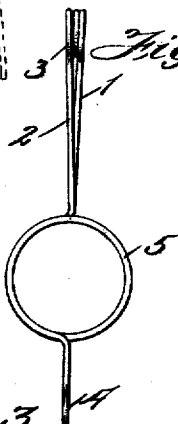


Fig. 5.

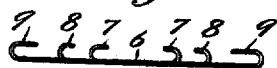
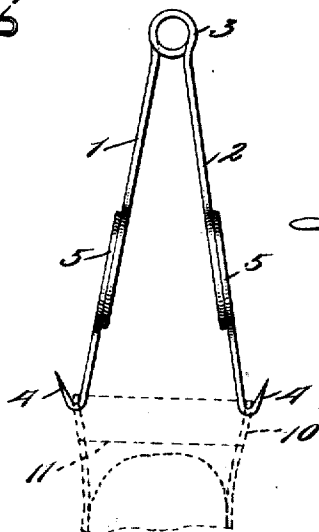


Fig. 3.



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UNITED STATES PATENT OFFICE.

JAMES ARNOLD BOFFIN, OF CHICAGO, ILLINOIS.

SURGICAL INSTRUMENT.

1,006,052.

Specification of Letters Patent.

Patented Oct. 17, 1911.

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To all whom it may concern:

Be it known that I, JAMES ARNOLD BOFFIN, a subject of the King of England, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Surgical Instruments, of which the following is a description.

My invention belongs to that class of devices known as surgical instruments and relates particularly to an instrument adapted for use in circumcising operations and the like, and has for its object the production of a simple, efficient, convenient and satisfactory device of the kind described and for the purposes set forth.

To this end my invention consists in the novel construction, arrangement, and combination of parts herein shown and described, and more particularly pointed out in the claims.

In the drawings wherein like reference characters indicate like or corresponding parts; Figure 1 is a view in elevation of my preferred form of instrument and the case therefor. Fig. 2 is a view in elevation of the same ready for application. Fig. 3 is a view in elevation of the same in operative position. Fig. 4 is a side elevation of the preferred form of instrument, and Fig. 5 is an end elevation of the case, the instrument removed.

The instrument is designed to be used by surgeons in performing the operation known as circumcision, it being adapted to retain the skin to be removed in a position where the operation may be easily and perfectly made by one surgeon without assistance.

Referring to the drawings, my preferred form of instrument comprises a plurality of arms, two arms 1 and 2 being shown, which are suitably secured together, and provided at the free ends with means for retaining the skin in a distended position as shown in Fig. 3 and more fully explained hereinafter. The instrument shown is made of wire and preferably bent as at 3 to form the two resilient arms 1 and 2,

which normally tend to spring away from each other at the free ends. The free ends may be arranged in any suitable manner to retain the skin in the desired position. In the instrument shown the free ends of the arms are bent to form hooks 4-4 which have their points sharpened so that the flesh may be engaged. The arms are also preferably bent between the ends as at 5-5 to form enlarged portions or loops, through which the operator's fingers may be passed, or a firm grip on the instrument be obtained. I also preferably provide a suitable case 6, in which the instrument may be positioned, and the points be thereby protected. As shown the instrument is retained in the case by the lugs or extensions 7-7 and 8-8 thereon, the points 4-4 being protected by the lugs or extensions 9-9 on the case.

In the circumcising operation, the foreskin 10 is drawn up substantially as shown in Fig. 2, and the instrument applied, the parts to be operated on having preferably been previously treated in the usual or any suitable way to deaden or kill any pain. The hooks 4-4 having engaged the flesh the resiliency of the arms 1 and 2 tends to draw the skin substantially as shown in Fig. 3. The surgeon then takes the instrument in one hand, preferably with a finger through the loops to give control of the instrument and with his scissors or knife in the other hand performs the circumcising operation for example as at 11. In this way a perfect operation may be performed by a surgeon without assistance.

Having thus described my invention, it is obvious that various immaterial changes may be made in the form or construction shown and described, or that it may be used wherever applicable, hence I do not wish to be understood as limiting myself to the exact form shown and described.

What I claim as new and desire to secure by Letters Patent is

A surgical instrument of the character described comprising a pair of arms, a resilient loop connecting said arms, a pointed, out-turned and upwardly directed hook at

the extremity of each of said arms, loops forming finger grips, said loops being formed in said arms and lying at right angles to the connecting loop, and said arms projecting from diametrically opposite portions of said loops.

In testimony whereof, I have hereunto

signed my name in the presence of two subscribing witnesses.

JAMES ARNOLD BOFFIN.

Witnesses:

HELEN MILLS,

ARTHUR E. GAMMAGE.