Jan. 9, 1923. 1,441,298.

L. R. PIÑEIRO.

SURGICAL INSTRUMENT.

FILED JAN. 24, 1920.

Fig. 1

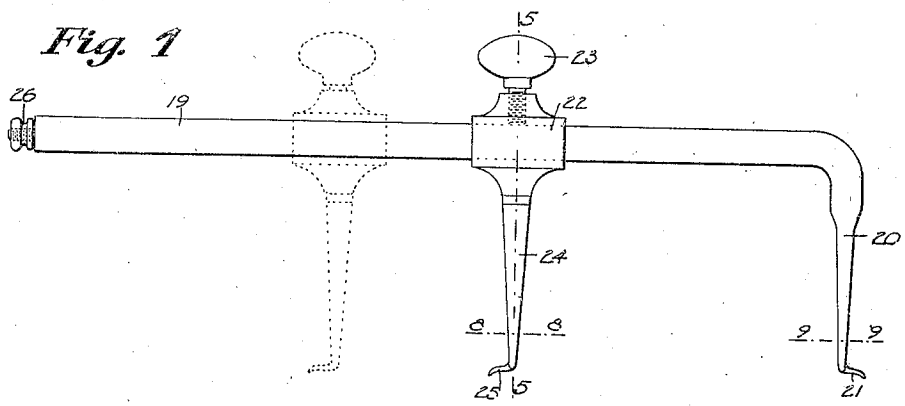


Fig. 2.

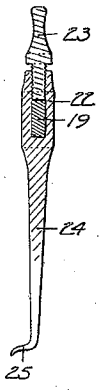


Fig. 5.



Fig. 6.



Fig. 4.

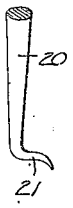
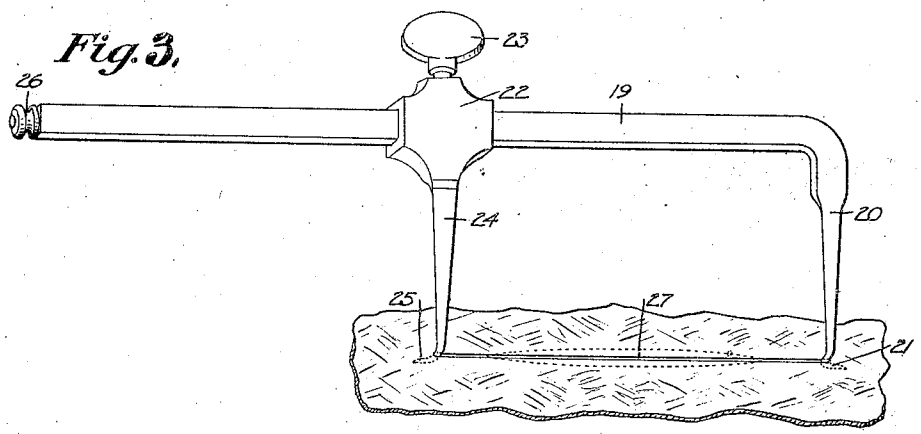


Fig. 3.



Inventor-
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By- B. Singer, Atty.

Patented Jan. 9, 1923. 1,441,298

UNITED STATES PATENT OFFICE.

LUCAS ROJAS PIÑEIRO, OF HABANA, CUBA.

SURGICAL INSTRUMENT.

Application filed January 24, 1920. Serial No. 353,894.

To all whom it may concern:

Be it known that I, LUCAS ROJAS PIÑEIRO, a citizen of the Republic of Cuba, and a resident of Habana, Cuba (whose post-office address is #113 Industria Street, Habana, Cuba), have invented certain new and useful Improvements in Surgical Instruments, of which the following is a specification.

This invention relates to a new surgical instrument and its main object is to provide an instrument of this kind for bringing close together the borders of the skin in the wounds occasioned by a surgical operation, although it is obvious that it can also be applied to those wounds caused through accidents or of any other kind. By this invention it is possible to lay aside ordinary forceps, and the operation of suturing a wound can be performed by a single person using my instrument, owing to the perfection with which the suture is made since the overlapping of the lips of the wound is avoided and the same are held in an exact coinciding relation, and when the wound cicatrizes the sutured skin does not show disagreeable coarse scars such as occur at present.

The invention is described with reference to the figures of the annexed drawings, in which:

Fig. 1 is a side elevation of an instrument constructed in accordance with this invention.

Fig. 2 is a sectional view on line 5—5 of Fig. 1.

Fig. 3 is a perspective view of the same as applied to a wound.

Fig. 4 is a perspective detail view showing one of the distensor shanks of this modified form of instrument.

Figs. 5 and 6 are sectional views respectively on lines 8—8 and 9—9 of Fig. 1.

My improved instrument comprises a flat bar 19 one of whose ends is tapered and bends downwards in curve shape so as to constitute one of the distensor shanks of the instrument, this shank being tapered towards its end which is curved out so as to form a grip as shown in 21. Slidably on bar 19 is mounted a sliding sleeve 22 on whose upper portion is threadedly mounted the set screw 23 to stop the slider at any desired position. Integral with said sleeve projects downwards the other distensor shank 24, it being indicated with 25 the grip shaped end of said shank oppositely directed to the grip 21 of shank 20. On the opposite end of bar 19 is screwed a butt for the slider 22 said butt consisting of a screw 26 whose head is of a larger diameter than the end section of bar 19.

For using this instrument it is proceeded as illustrated in Fig. 3, that is, the grip shaped ends 21 and 25 of shanks 20 and 24 are introduced in the commissures of a wound 27 and the slider 22 is slided along the bar 19 until the lips of the wound have been closely approached together and then the set screw 23 is screwed to secure the instrument in the desired position.

The instrument permits the lips of a wound made on the same plane to be drawn closely together, and as will be clearly understood by any person skilled in the art.

Having thus described my invention and the manner in which same is carried out, what I desire to protect by Letters-Patent is that which may fall within the scope of the appended claim.

What I claim is:—

A surgical instrument comprising an L-shaped bar, a sleeve slidable on one member of said bar, said sleeve having an arm tapering to the outer end thereof and provided at said end with a grip hook, the second member of said L-shaped bar being tapering to the outer end thereof and also provided with a grip hook, said grip hooks being arranged in opposite directions and being almost parallel with the member of said L-shaped bar on which said sleeve is sliding, and terminating in sharp points to enter into the skin.

In witness whereof I affix my signature.

LUCAS ROJAS PIÑEIRO.