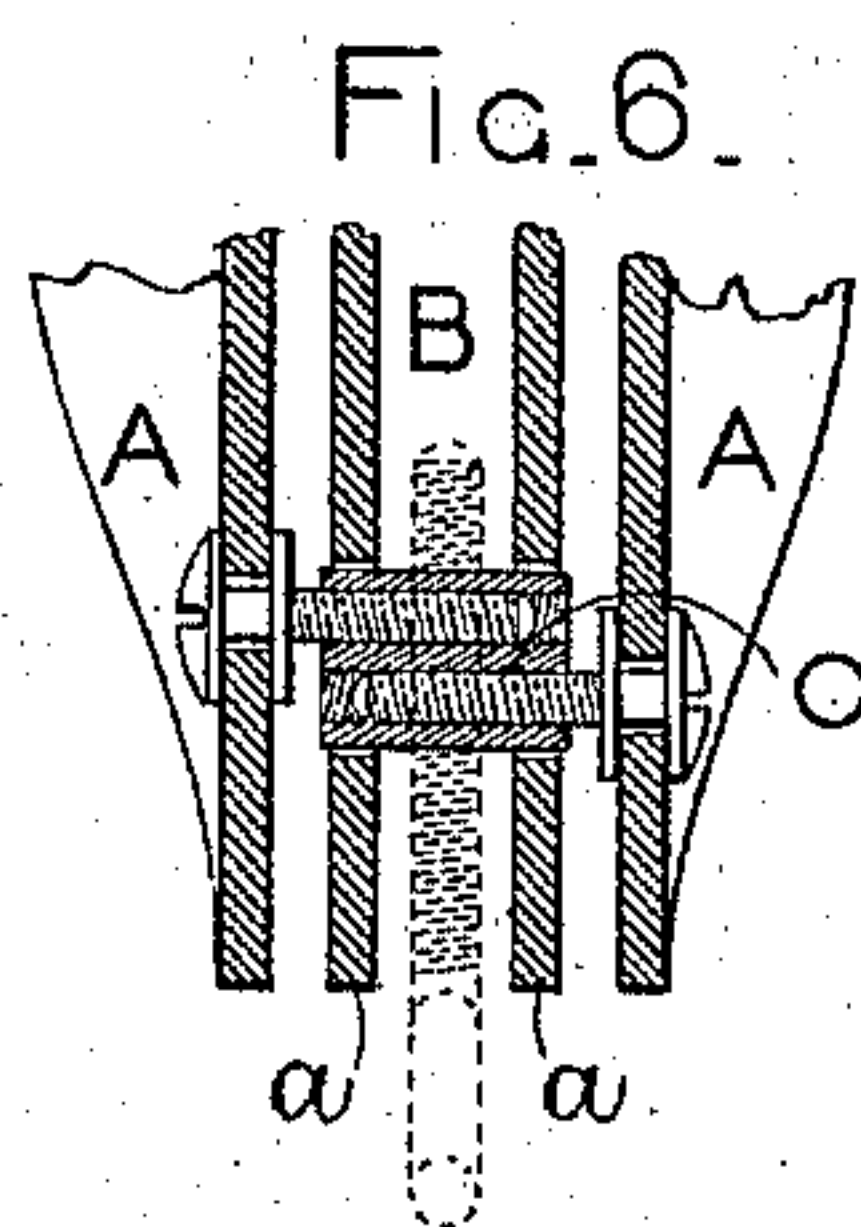
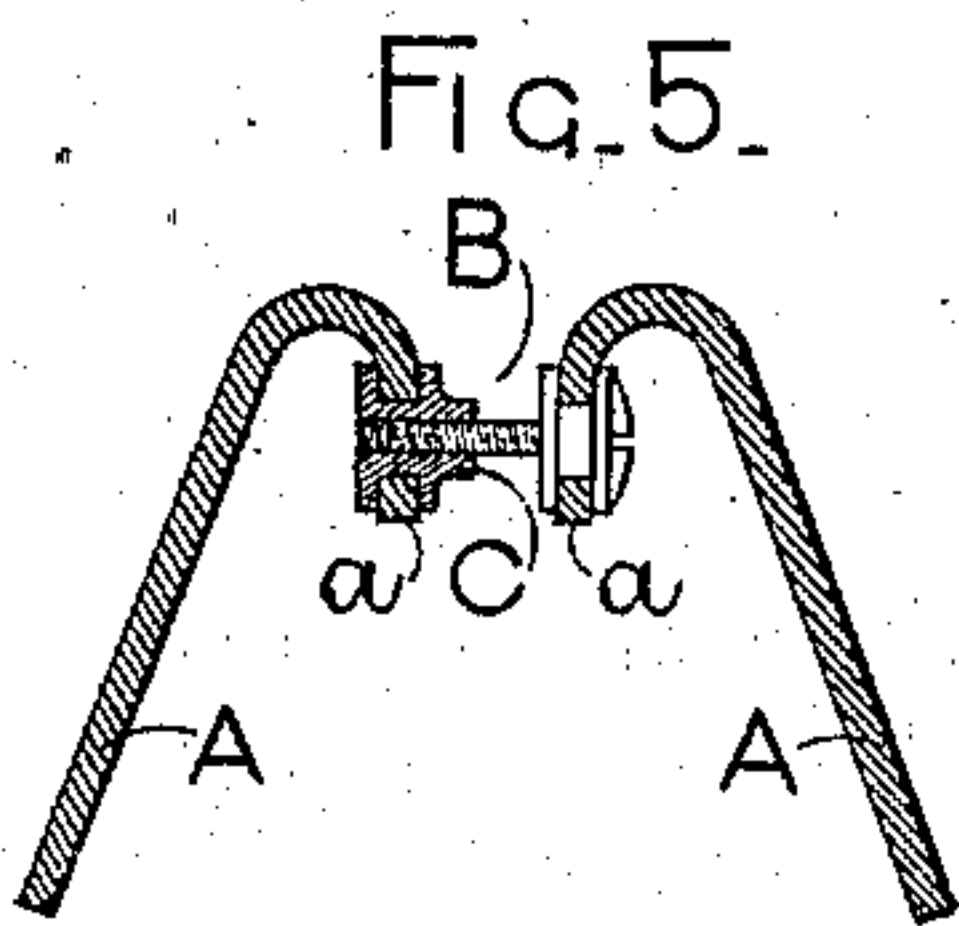
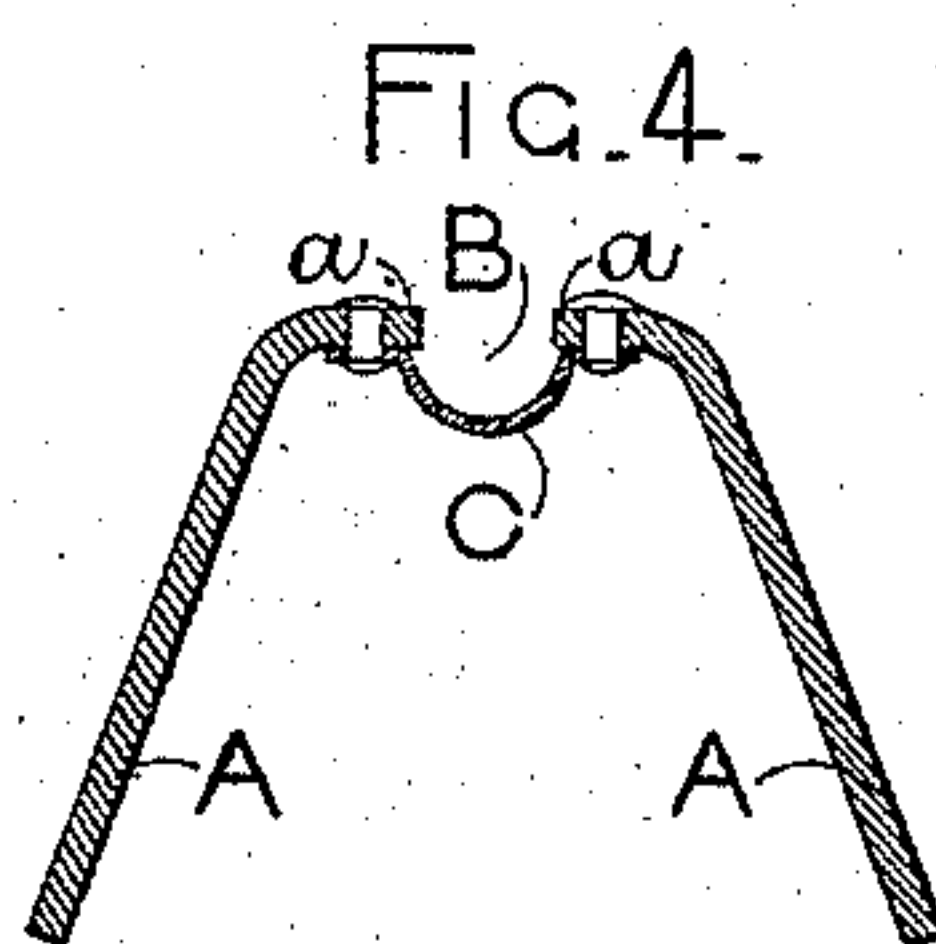
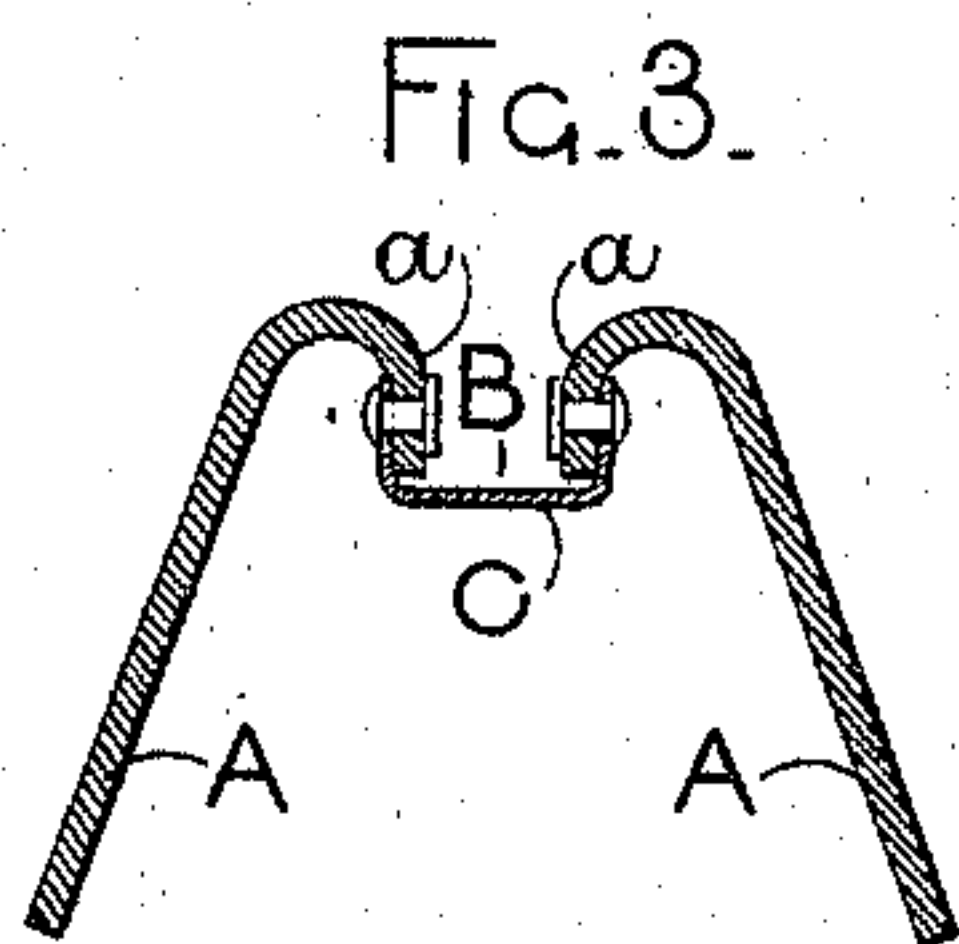
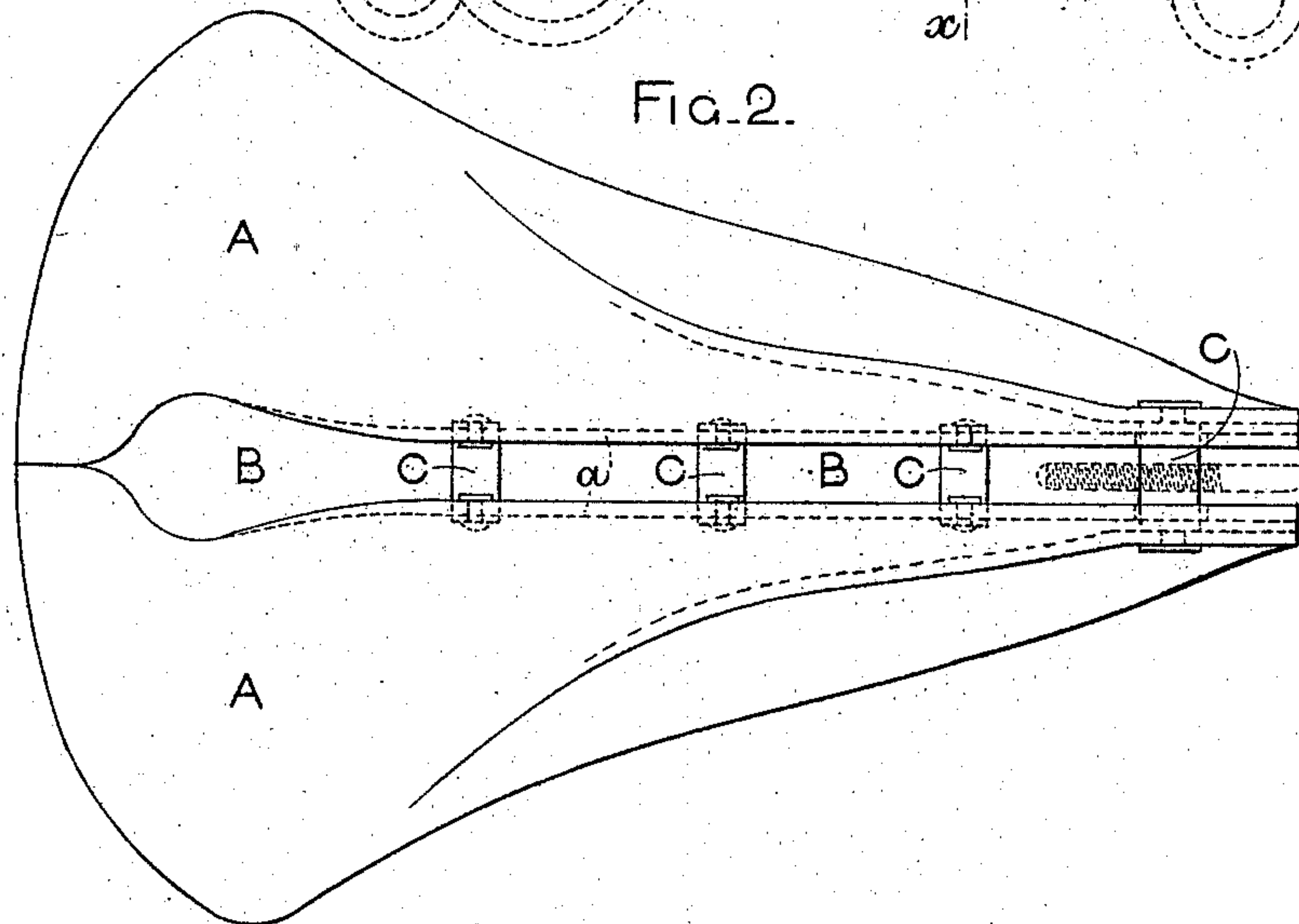
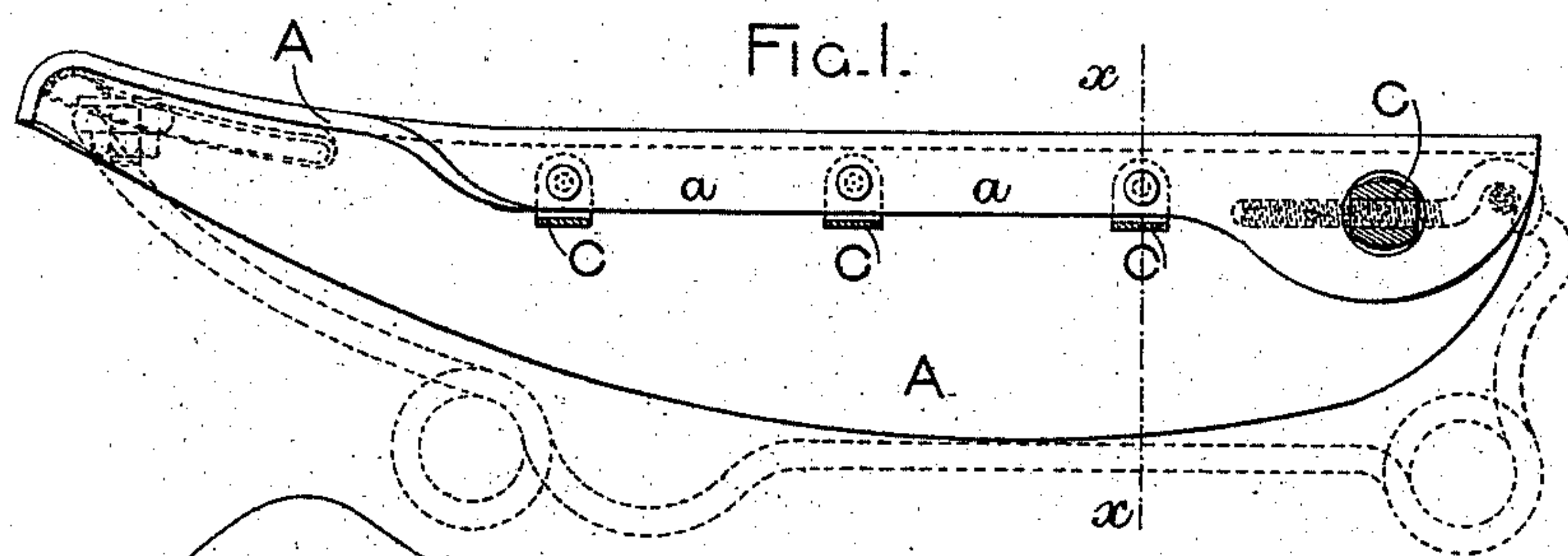


(No Model.)

S. PATTISSON.  
SADDLE FOR VELOCIPEDES.

No. 570,497.

Patented Nov. 3, 1896.



WITNESSES:

*A. Millward & Clark.*  
*William E. James.*

INVENTOR.

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By

*Robert S. Phillips.*  
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# UNITED STATES PATENT OFFICE.

SIDNEY PATTISSON, OF LONDON, ENGLAND.

## SADDLE FOR VELOCIPEDES.

SPECIFICATION forming part of Letters Patent No. 570,497, dated November 3, 1896.

Application filed April 25, 1896. Serial No. 589,021. (No model.) Patented in England November 1, 1895, No. 20,663.

*To all whom it may concern:*

Be it known that I, SIDNEY PATTISSON, a subject of the Queen of Great Britain, residing at Kensington, London, in the county of Middlesex, England, have invented a new and useful Improvement in Saddles for Velocipedes, (for which I have obtained Letters Patent in Great Britain, No. 20,663, bearing date the 1st day of November, 1895,) of which the following is a full and complete specification.

This invention relates to that type of saddle having a longitudinal centrally-disposed opening for the prevention of perineal pressure; and it consists in the use or employment of rigid stays or frames between the edges of the said longitudinal opening, the object being to convert the said opening into a permanent groove or channel which cannot close under the weight or pressure of the rider.

In the accompanying drawings, which illustrate this invention, Figure 1 is a view in longitudinal section of a saddle embodying my invention. Fig. 2 is a view in plan thereof. Fig. 3 is a view in transverse section on line *xx*, Fig. 1. Fig. 4 is a view in transverse section, showing a modification in the method of applying the stay. Fig. 5 is a view in transverse section, showing how the stay may be made adjustable in width; and Fig. 6 is a broken view in plan, showing how the adjustable stay may be combined with the snug for receiving the attachment by which the peak of the cover or seat is attached to the under frame.

Throughout the views similar parts are marked with like letters of reference.

The cover or seat A of the saddle is, by preference, though not of necessity, made out of two pieces of leather or other suitable material disposed longitudinally side by side, so as to form a longitudinal opening B in the center of the saddle. The edges *aa* of the two pieces of leather or other material form-

ing the cover or seat A are preferably turned downward, as shown by Figs. 1, 2, 3, and 5, to form a groove or channel, and they are connected by one or more stays C, of metal or other suitable material, which are riveted or otherwise fixed to the edges *aa* of the cover A, as shown by Figs. 1, 2, and 3. If the edges *aa* of the cover A are not turned downward, the stays C are curved, as shown by Fig. 4, so as to form the groove or channel. The number of stays employed depends on the length of the saddle, and although I prefer to employ a number of narrow stays a single one, forming a complete frame from end to end of the opening B, may be employed.

Although I prefer to continue the opening B right through the peak of the saddle, as shown by Figs. 1, 2, and 6, this is not obligatory.

The stays C may, if desired, be made adjustable in length, as shown by Fig. 5, to provide for the adjustment of the width of the groove or channel at any part, according to the individual taste or requirement of the rider, but I lay no claim to making the width of a saddle adjustable.

I am aware that saddles for velocipedes have already been constructed having central longitudinal openings, and I do not therefore claim such as my invention; but

What I do claim, and desire to secure by Letters Patent, is—

The combination, with a saddle having a central longitudinal opening, of a trough-shaped stay secured to the saddle under the said opening between the pommel and the cantle-plate, and operating to prevent the width of the said opening from changing, substantially as set forth.

SIDNEY PATTISSON.

Witnesses:

ROBERT E. PHILLIPS,  
W. H. JANES.