(No Model.)

D. BASCH.

SADDLE.

No. 594,316. Patented Nov. 23, 1897.

Fig. 1.

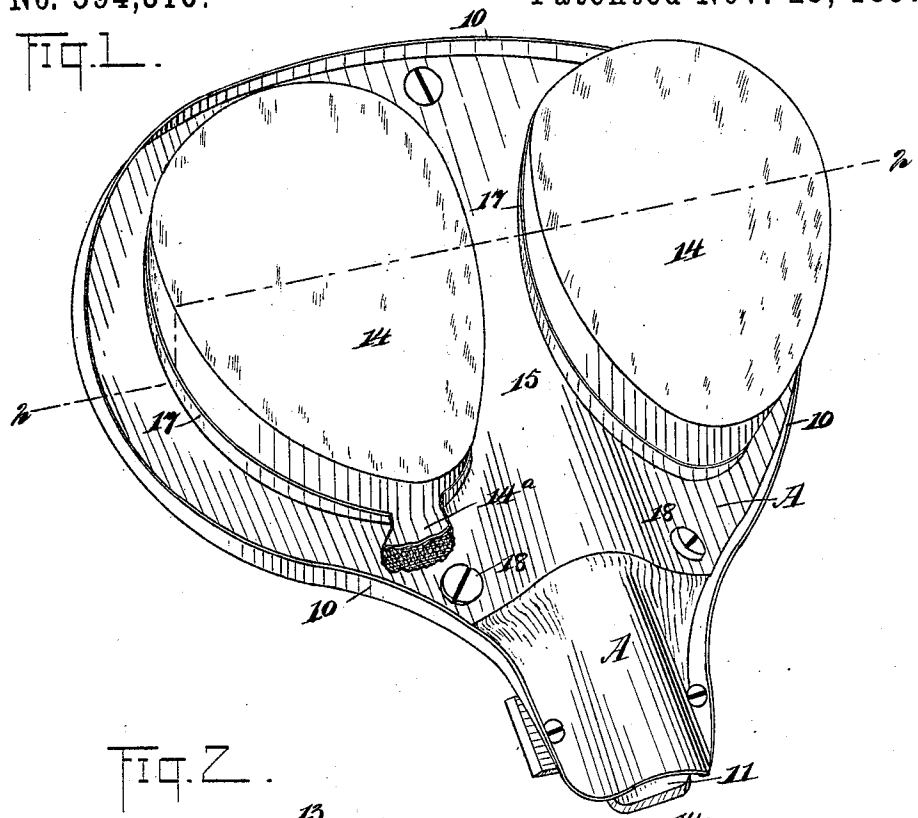


Fig. 2.

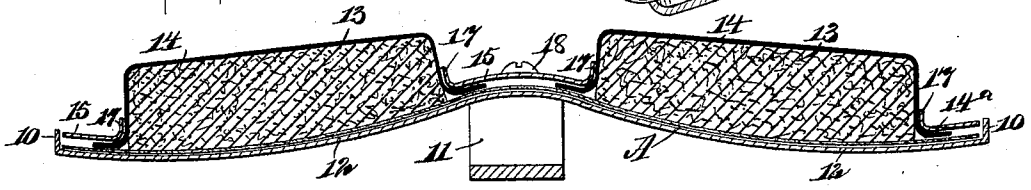
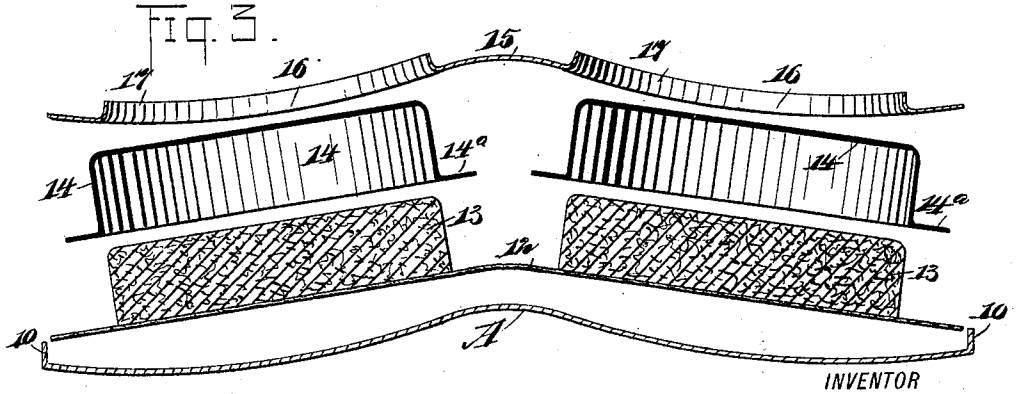


Fig. 3.



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UNITED STATES PATENT OFFICE.

DAVID BASCH, OF NEW YORK, N. Y.

SADDLE.

SPECIFICATION forming part of Letters Patent No. 594,316, dated November 23, 1897.

Application filed June 29, 1896. Serial No. 597,275. (No model.)

To all whom it may concern:

Be it known that I, DAVID BASCH, of New York city, in the county and State of New York, have invented a new and Improved Saddle, of which the following is a full, clear, and exact description.

The object of my invention is to provide a saddle especially adapted for use in connection with a bicycle or like machine, the saddle being constructed in such manner that it will have a removable and interchangeable cushion at each side of its center, the cushions being held firmly in connection with the body of the saddle through the medium of a tie-plate or a like device, which is to be secured to the saddle-body.

A further object of the invention is to provide the cushions with removable covers, held thereon through the medium of the aforesaid tie-plate, and to construct the cushions in such manner that they will be light, durable, and elastic, resuming their original shape the moment that they are relieved from pressure.

A further object of the invention is to provide a bicycle-saddle in which all the parts may be readily and quickly dismantled and as readily assembled.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of the improved saddle, a portion being broken away. Fig. 2 is a transverse section taken substantially on the line 2 2 of Fig. 1; and Fig. 3 is a vertical section through the saddle, the various parts thereof being shown disconnected and one above the other.

In carrying out the invention the body A of the saddle is preferably made of a very thin yet strong material and is given any desired shape. Preferably, however, the body of the saddle is provided with a marginal flange 10, as shown in the drawings, and the saddle-body is attached to the machine through the medium of a bow-spring 11 or the equivalent of the same. A canvas pad 12 or a pad of equivalent material is placed upon the upper face of the saddle-body A, and upon the aforesaid pad or cloth cushions 13 are secured, and these cushions may be made of any desired material, and they are located one at each side of the longitudinal center of the saddle-body, between the cantle and the pommel. The aforesaid cushions are preferably made from sponge-rubber and are cemented or otherwise secured to the pad or cloth 12. The cushions may be of any desired shape. Usually, however, they are somewhat oval in plan view, their contracted ends pointing toward the pommel of the saddle, and the cushions are made to extend a predetermined distance upward beyond the marginal flange 10 of the saddle-body.

Each cushion is provided with a covering 14, which may be of leather or an equivalent material, and the covers are given a shape corresponding to that of the cushions, each cover having a flange or outwardly and laterally extending member 14^a at its lower end. A tie-plate 15 is adapted to be placed over the pad or canvas strip 12, to which the cushions are secured, and the said plate may be lightened as much as possible consistent with strength, and the said plate is provided with openings 16, corresponding in number and in shape to the cushions 13 employed. Around each of the openings 16 of the tie-plate an upwardly-extending flange 17 is formed, so that when the tie-plate is pressed upon the saddle-body and the covers 14 for the cushions are placed thereon the openings in the tie-plate will receive the cushions, and the margins of the openings will hold the lateral extensions 14^a of the cushion-covers fast in engagement with the pad upon which the cushions are secured, as illustrated in Fig. 2, and the flange 17 on the tie-plate will serve to hold the covering 14 of the cushions smoothly in place at the sides of the said cushions, as is shown in Figs. 1 and 2. Preferably the tie-plate 15 does not extend over the pommel portion of the saddle-body, and although this pommel portion is shown as convexed upon its upper face, and likewise the central portion of the body of the saddle, these parts may be concaved or otherwise shaped, if found desirable. By constructing the saddle in this manner the cushions are interchangeable, and in the event that the

covering for the cushions should become unduly worn the said covering may be readily replaced and fastened expeditiously and conveniently to the body of the saddle. Furthermore, the cushions will always restore themselves to their normal position the moment that they are relieved from pressure. The saddle may also be made exceedingly light, since its body may be perforated, or the body may be of a skeleton shape, as likewise the tie-plate, and the entire saddle, with the exception of the cushions and coverings, may be made of an exceedingly light material—as, for example, aluminium.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A bicycle-saddle having a body-plate undulating to suit the form of the saddle and with an edge flange projecting upwardly therefrom, a canvas body rested snugly on the body-plate and inclosed by the flange, two cushions separated from each other and carried by the canvas body, a covering for each cushion, each covering having a portion running out horizontally over the canvas body and approximately parallel with the body-plate, and a tie-plate conforming to the shape of the body-plate to rest snugly against the canvas body and having two openings respectively receiving the cushions, the openings having upwardly-extending flanges lying against the sides of the cushions, and the tie-plate being fitted within the flange of the body-plate and clamped down thereon on the canvas body to hold the coverings of the cushions in position, substantially as described.

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