

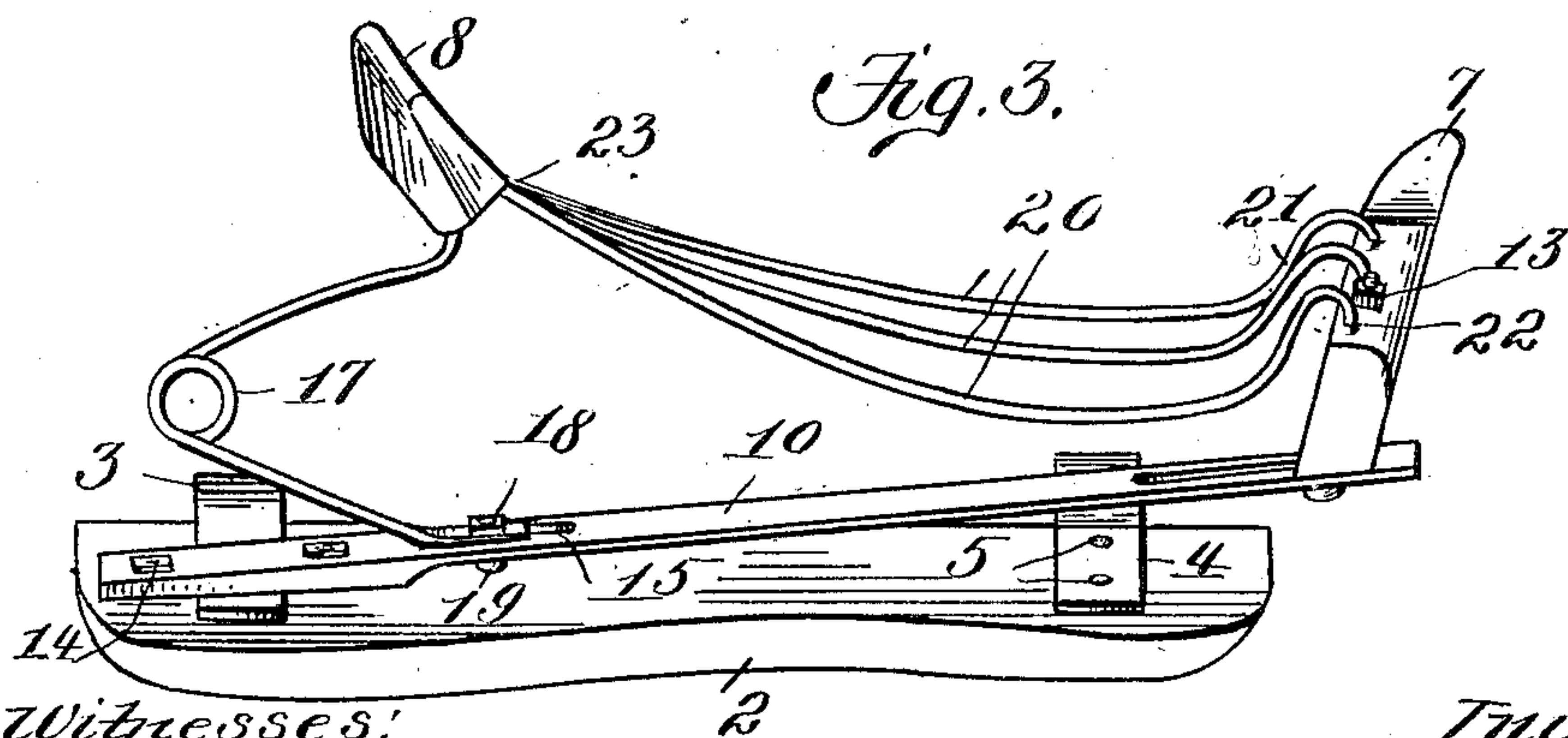
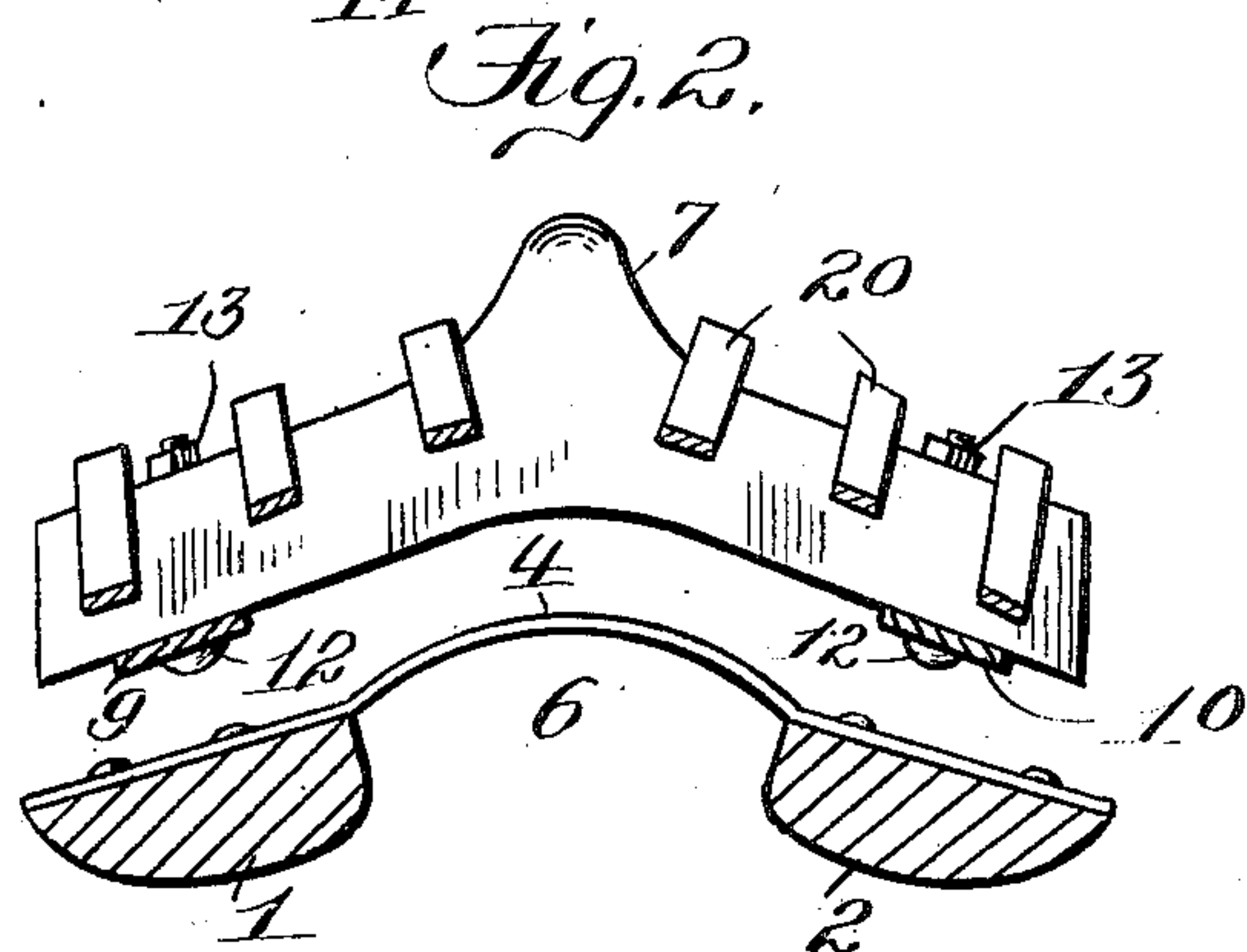
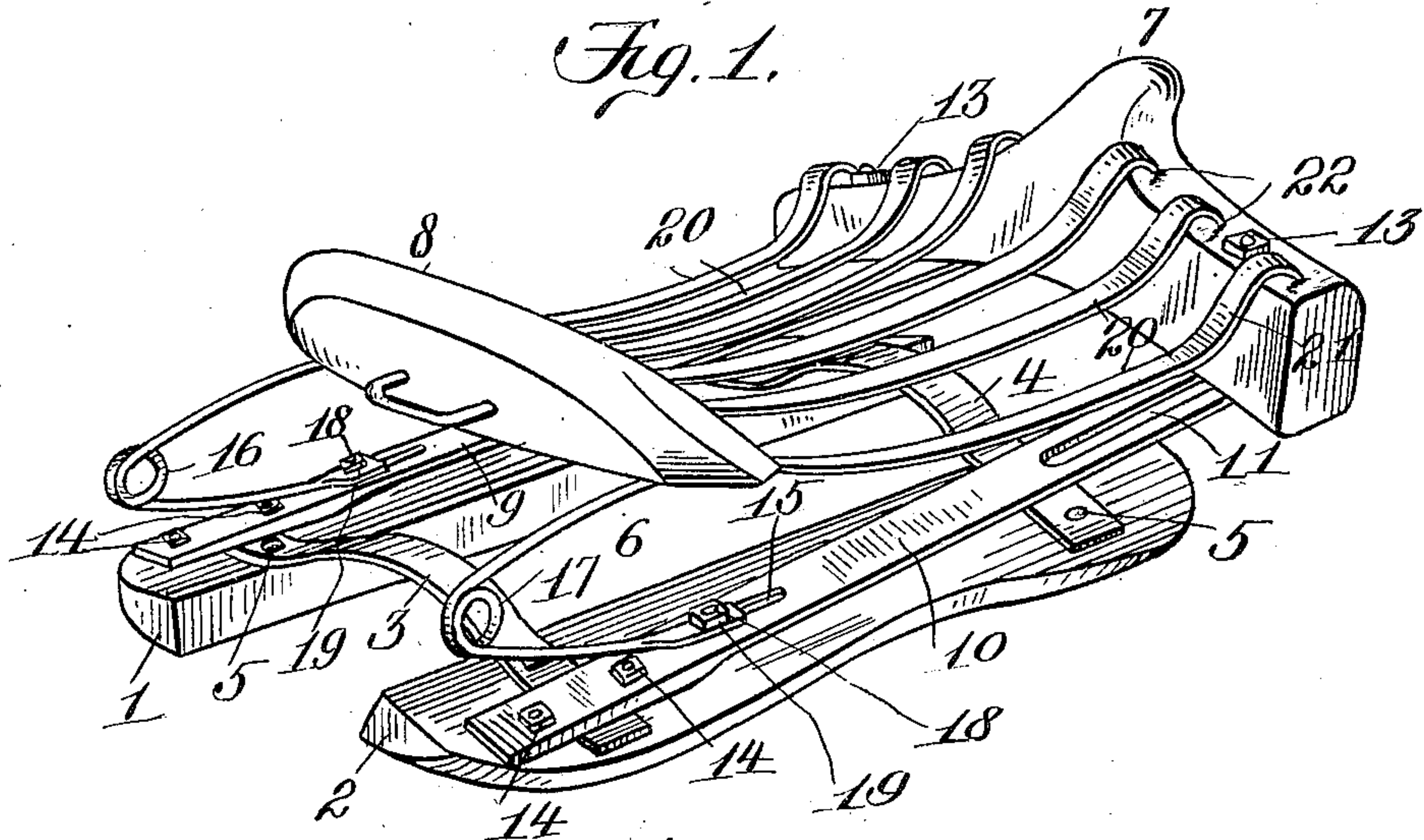
No. 827,506.

PATENTED JULY 31, 1906.

G. C. COX.

SADDLE.

APPLICATION FILED SEPT. 26, 1905.



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UNITED STATES PATENT OFFICE.

GEORGE C. COX, OF GUIDE, NORTH CAROLINA.

SADDLE.

No. 827,506.

Specification of Letters Patent.

Patented July 31, 1906.

Application filed September 26, 1905. Serial No. 280,211.

To all whom it may concern:

Be it known that I, GEORGE C. COX, a citizen of the United States, residing at Guide, in the county of Columbus and State of North Carolina, have invented new and useful Improvements in Saddles, of which the following is a specification.

This invention relates to saddles; and the object thereof is to provide in the manner as hereinafter set forth a saddle whereby an adjustable cushioned seat will be provided for the rider, and, furthermore, to so construct the saddle as to enable a circulation of air to be had between the rider and the animal's back, consequently making it cooler for the rider and the animal than if such circulation was not had.

The invention further aims to construct a saddle which shall be simple in its construction, strong, durable, provided with means to constitute a cushioned seat for the rider, and comparatively inexpensive to manufacture.

With the foregoing and other objects in view the invention consists of the novel construction, combination, and arrangement of parts hereinafter more specifically referred to and illustrated in the accompanying drawings, wherein is shown the preferred embodiment of the invention; but it is to be understood that changes, variations, and modifications can be resorted to which come within the scope of the claims hereunto appended.

In the drawings, wherein like reference characters denote corresponding parts throughout the several views, Figure 1 is a perspective view of a saddle in accordance with this invention. Fig. 2 is a transverse section, and Fig. 3 is a side elevation.

Referring to the drawings by reference characters, the saddle-tree is formed of a pair of side members 1 2 and a pair of transversely-extending arch-shaped connecting-strips 3 4. Said side members and strips are constructed from any desirable material. The side members 1 2 may be padded in any suitable manner, if desired, and are secured near their ends, as at 5, to the ends of the connecting-strips 3 4. The side members when connected together through the medium of the strips 3 4 are positioned in such relation with respect to each other so as to form a longitudinally-extending passage 6 to permit of the circulation of air between the rider and the animal's back when the saddle is placed upon the animal's back, thereby

making it cooler for the rider and the animal than would be the case if the circulation of air was not had in the manner as stated.

The pommel of the saddle is indicated by the reference character 7 and the cantle by the reference character 8. The pommel 7 is adjustably connected to the forward ends of a pair of upwardly-extending inclined flat springs 9 10. These latter at their forward ends are slotted, as at 11, and extending through the said slots 11 and also through the pommel 7 are a pair of bolts 12, carrying on their upper ends nuts 13. By such an arrangement a bolt-and-slot connection is formed between the springs and the pommel, thereby permitting of the pommel being shifted to various points upon the forward ends of the springs 9 10. The rear ends of the springs 9 10 are fixedly secured to the side members 1 2, as at 14, and at a point removed from the connection 14 for the springs the said springs are provided with slots 15 for a purpose to be hereinafter referred to.

The cantle 8 is connected to the springs 9 10 through the medium of a pair of coiled springs 16 17. These latter have their upper ends fixedly secured to the cantle and their lower ends adjustably connected to the springs 9 10 through the medium of the bolts 18 and nuts 19, the bolts 18 extending through the slots 15. By such an arrangement an adjustable connection is had between the springs 16 17 and the springs 9 10.

The seat of the saddle is formed from a plurality of flat springs 20, which are suitably spaced apart and have the major portion of their length formed in a bow-shaped manner. The forward ends of the springs 20 are bent upwardly, as at 21, and then downwardly so as to engage in the top edge of the pommel 7, as at 22, and the rear ends of the said springs 20 are fixedly secured to the lower part of the cantle, as at 23. It will be evident that owing to the arrangement of the springs 9 10 with respect to the pommel and the springs 16 17 with respect to the cantle and the springs 9 10 a cushioned seat is provided for the rider, and, furthermore, owing to the adjustability of the pommel 7 and the springs 16 17 the seat can be readily adjusted when occasion requires for riders of different weight. The saddle may be covered in any suitable manner as well as ornamented, if desired.

Having thus fully described the invention,

what I claim as new, and desire to secure by Letters Patent, is—

1. A saddle comprising the combination with a saddle-tree, of a pair of forwardly-extending inclined springs fixed at one end to said tree, a pommel connected to the free end of said springs, a cantle, a series of flat springs secured at one end to the pommel and at their other ends to the cantle, and a pair of springs attached at one end to the cantle and at their other ends to the first-mentioned pair of springs.

2. A saddle comprising a saddle-tree, resilient means suitably secured thereto, a pommel adjustably connected to said resilient means, a cantle, resilient connections between the pommel and the cantle, and a resilient connection between the saddle-tree and the said means.

3. A saddle comprising a pair of side members suitably spaced apart, transversely-extending strips for connecting the side members together, a pair of forwardly-extending arch-shaped springs fixed at one end to the side members, a pommel secured to the forward end of said springs, a cantle, resilient connection means between the cantle and the pommel, and a resilient connection means between the cantle and the said pair of springs.

4. A saddle comprising the combination with a saddle-tree, of a pair of forwardly-extending springs connected at one end to said

saddle-tree, a pommel adjustably connected to the forward end of said springs, a cantle, a series of springs for connecting the cantle to the pommel, and a pair of resilient members attached at one end of the cantle and adjustably connected at their other ends to the said pair of springs.

5. A saddle comprising the combination with a saddle-tree, of a pair of resilient members attached to the saddle-tree, a pommel adjustably connected with said members, a seat secured to the pommel, and a pair of resilient members connected at one end with the seat and at their other ends adjustably connected to the first-mentioned pair of resilient members.

6. A saddle comprising a pair of forwardly-extending springs, means for supporting the springs, a pommel attached to the forward end of the springs, a seat secured to the pommel, and resilient members connected at one end with the seat and at their other ends with said springs.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

GEORGE C. COX.

Witnesses:

J. F. JACOBS,
S. C. GORE.