

911,718.

J. W. HADDOCK.
STIRRUP.
APPLICATION FILED OCT. 22, 1908.

Patented Feb. 9, 1909.
2 SHEETS—SHEET 1.

Fig. 1.

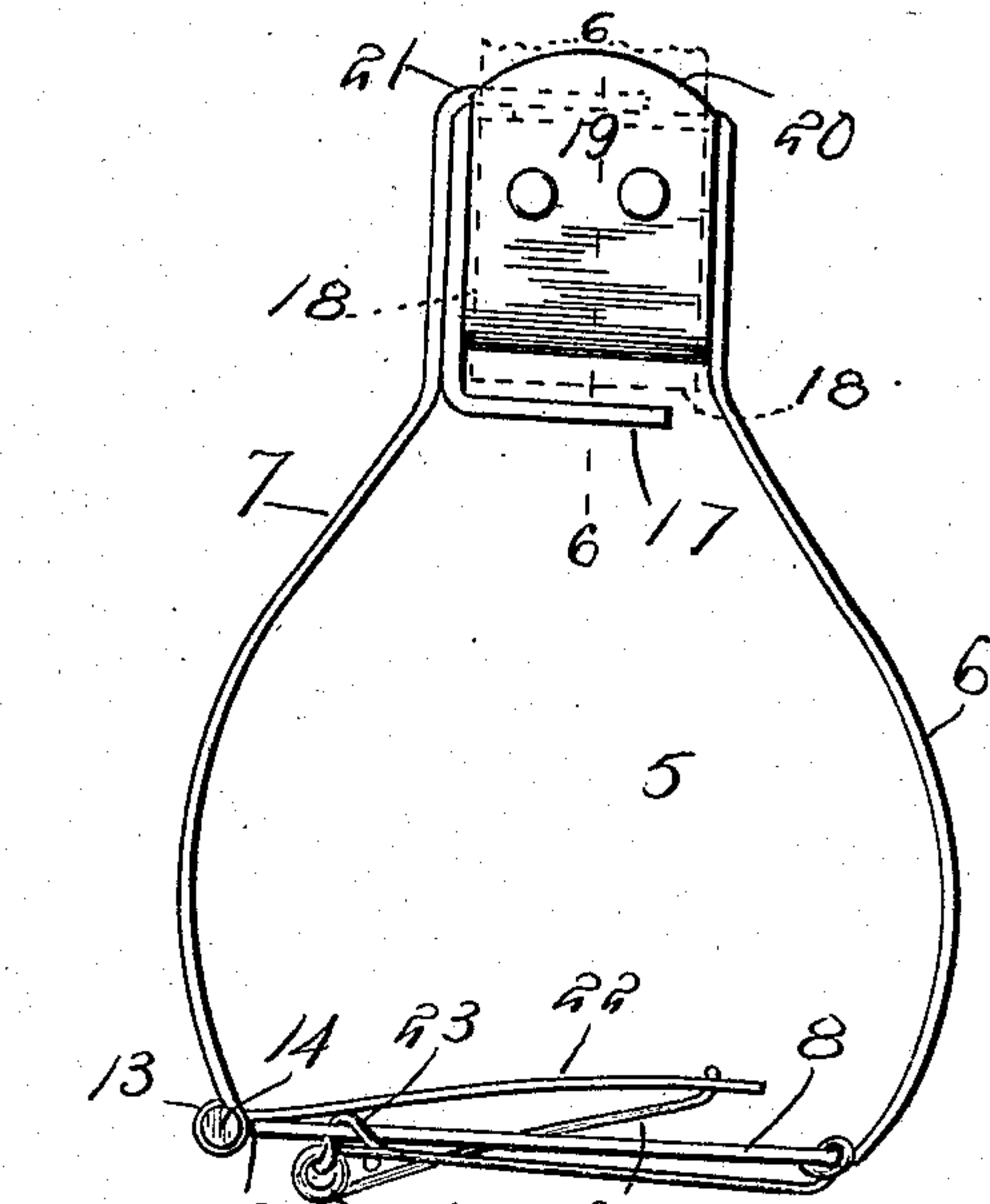


Fig. 2.

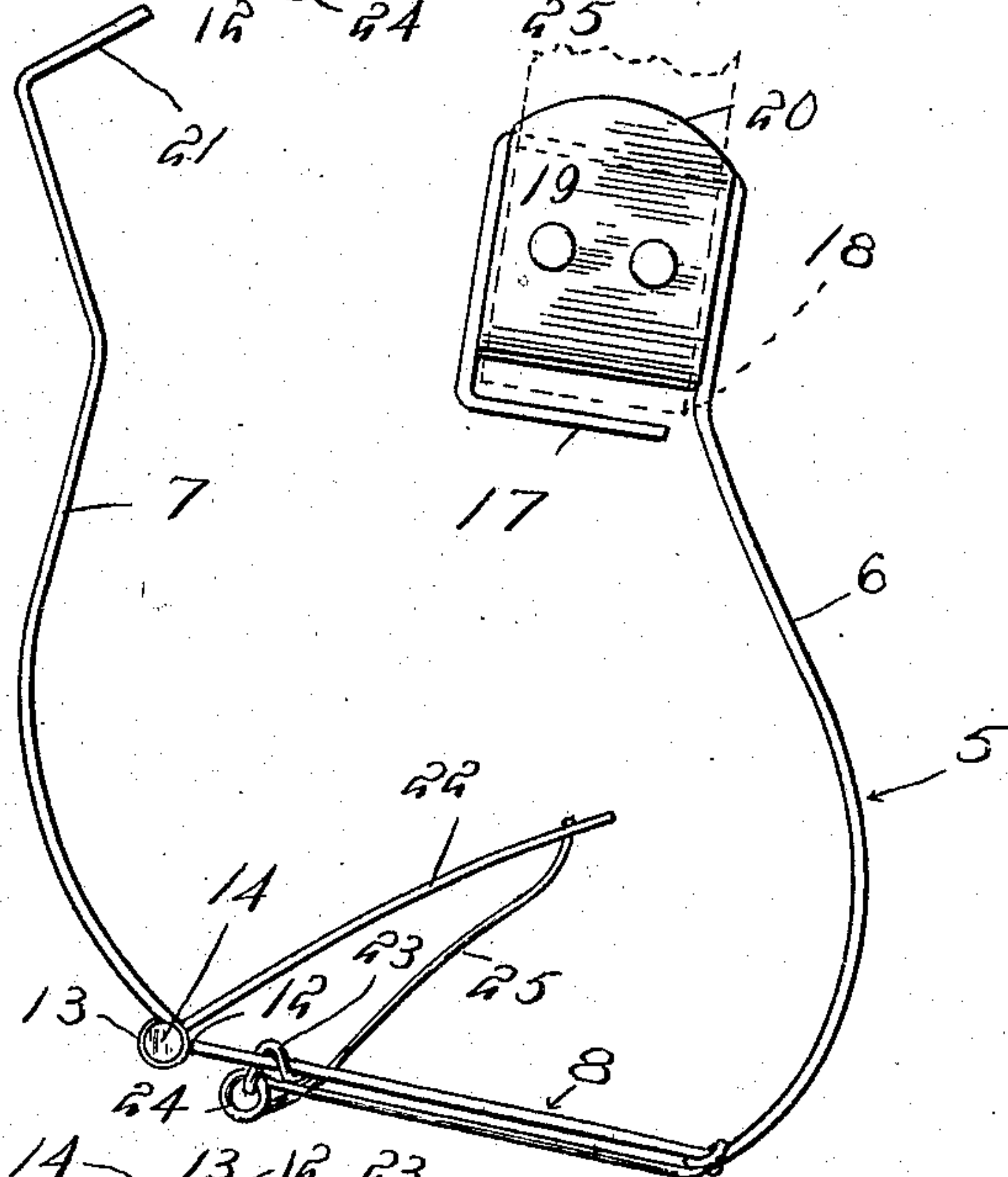
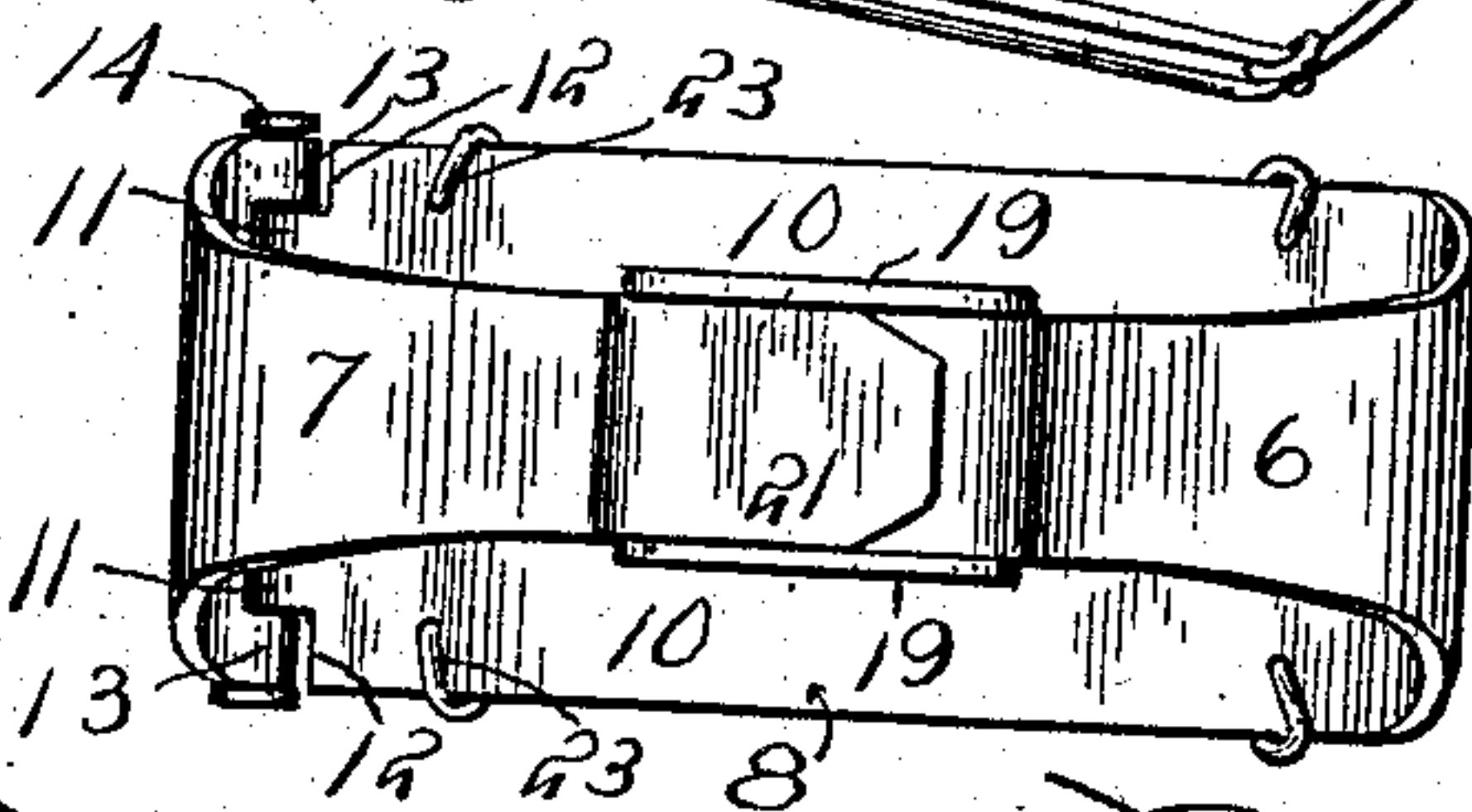


Fig. 3.



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Fig. 4.

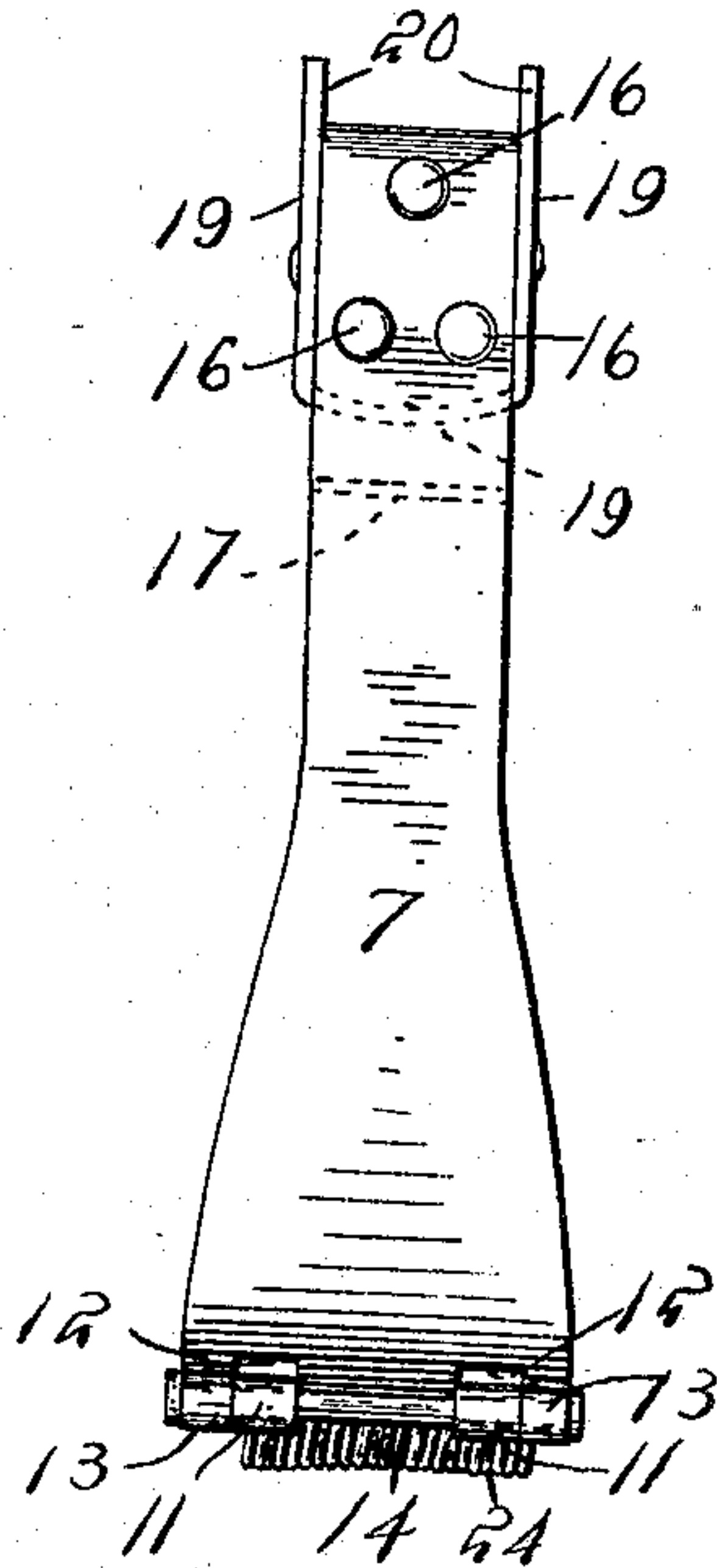


Fig. 5.

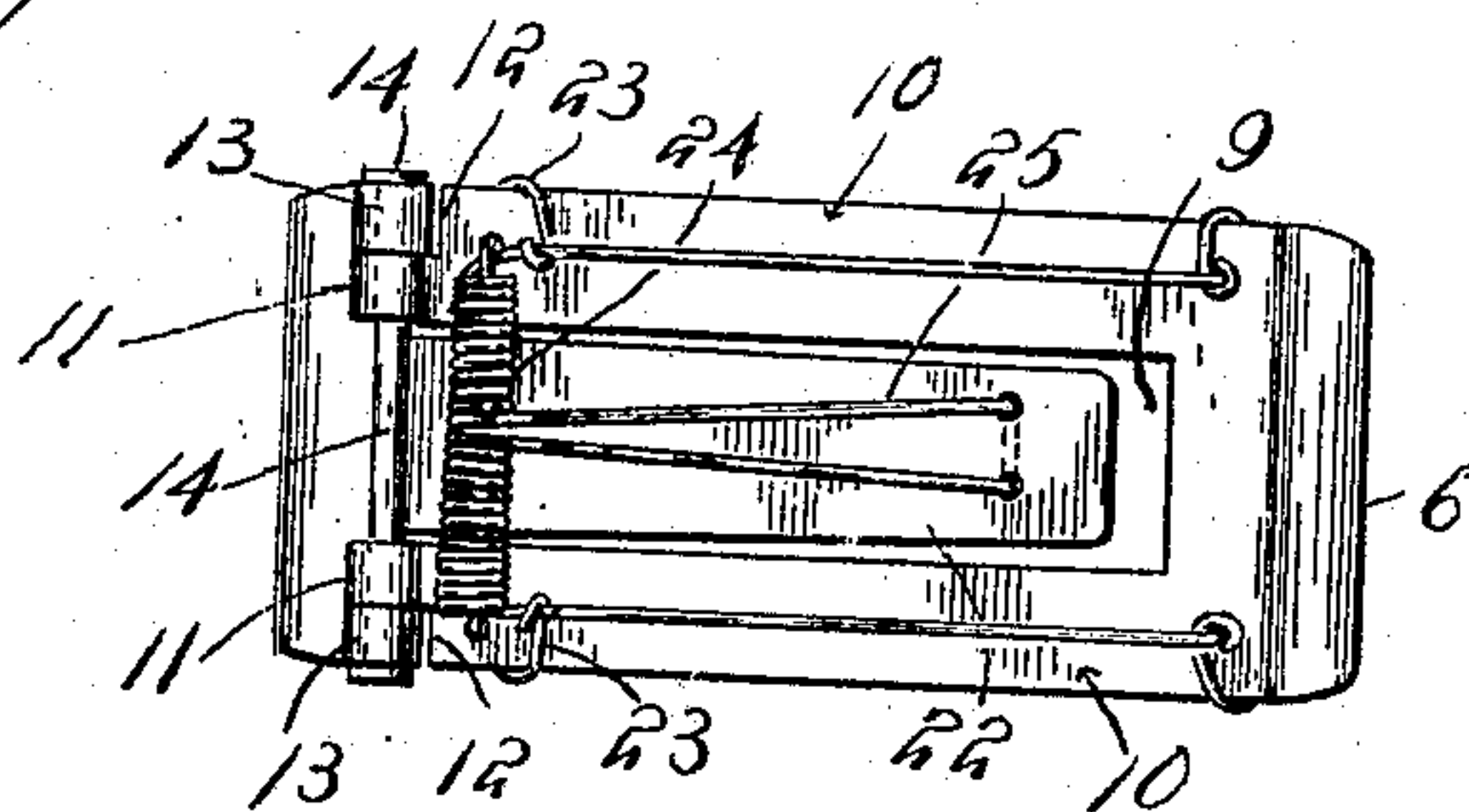
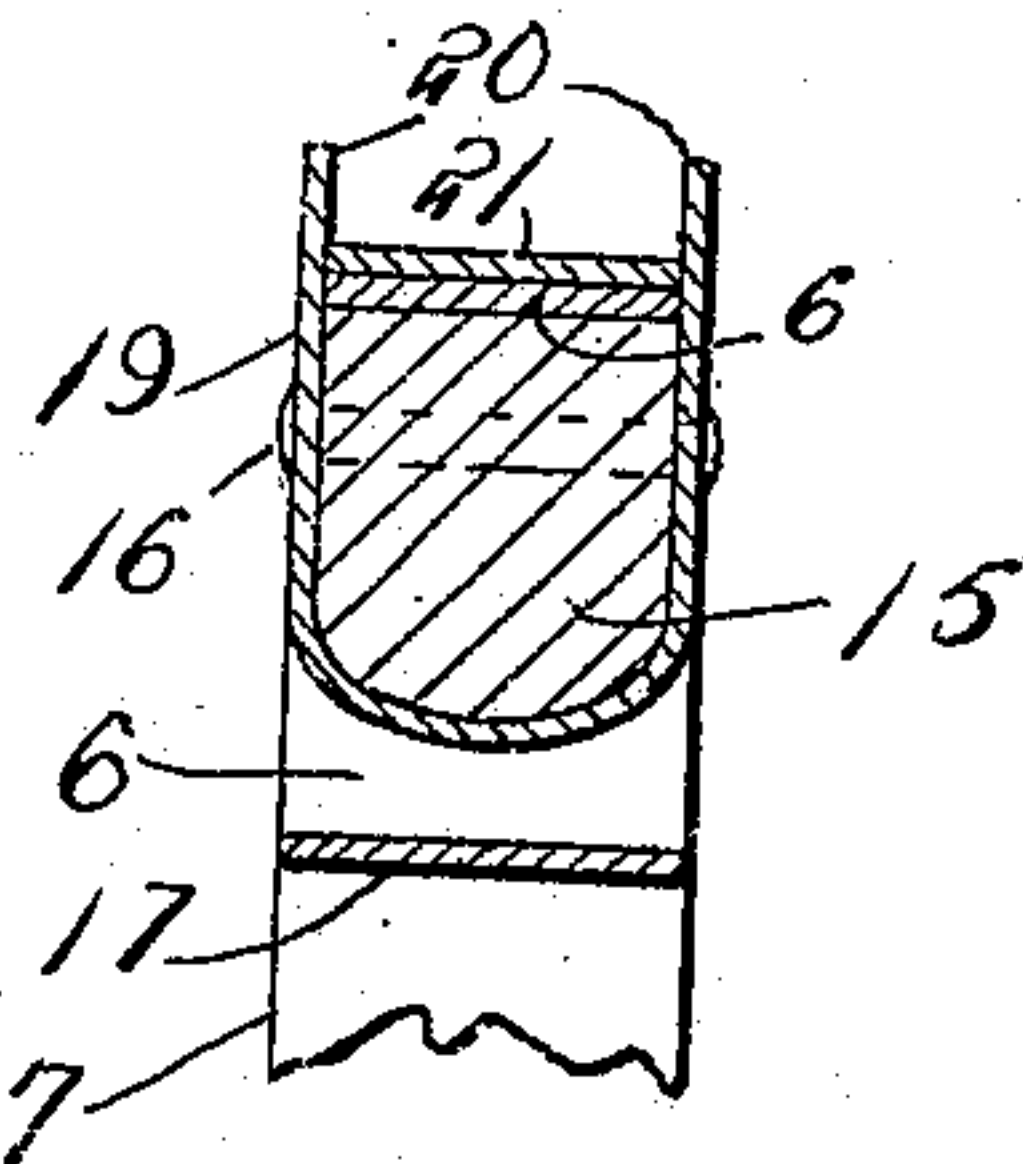


Fig. 6.



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UNITED STATES PATENT OFFICE.

JOHN W. HADDOCK, OF GRAND PRAIRIE, TEXAS.

STIRRUP.

No. 911,718.

Specification of Letters Patent.

Patented Feb. 9, 1909.

Application filed October 22, 1908. Serial No. 459,006.

To all whom it may concern:

Be it known that I, JOHN W. HADDOCK, a citizen of the United States, residing at Grand Prairie, in the county of Dallas, State of Texas, have invented certain new and useful Improvements in Stirrups; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to a stirrup and more particularly to the class of safety stirrups.

The primary object of the invention is the provision of a stirrup comprising pivotally connected sections adapted to be suspended from a stirrup strap and means formed on one of the sections for maintaining said sections in their operative or assembled relation to receive the foot of a rider and to automatically release the same when the said rider is thrown or falls from the horse.

Another object of the invention is the provision of a stirrup that will open automatically and release the foot of a rider and which stirrup comprises pivotally connected sections one of said sections adapted to be maintained closed by pressure of the foot of a rider when mounted in the stirrup, means on the other section for guiding the closing section when being brought to an operative or assembled relation with respect to the said other section, and a bearing extension formed on the closing section to prevent the displacement thereof due to the pressure of the rider's foot when positioned in the stirrup.

In the drawings accompanying and forming part of this specification is illustrated the preferred form of embodiment of the invention which to enable those skilled in the art to practice said invention, will be set forth at length in the following description while the novelty of the invention will be included in the claims succeeding said description.

While the elements herein shown and described are well adapted to serve the functions set forth, it is obvious that changes, variations and modifications may be made as come properly within the scope of the appended claims without departing from the spirit of the invention.

In the drawings: Figure 1 is a front eleva-

tion of the invention. Fig. 2 is a similar view showing the stirrup in an open position. Fig. 3 is a top plan view of the stirrup. Fig. 4 is a side elevation. Fig. 5 is a bottom plan view of the stirrup. Fig. 6 is a sectional view on the line 6—6 of Fig. 1.

Similar reference characters indicate corresponding parts throughout the several views in the drawings.

In the drawings the numeral 5 designates generally the stirrup formed preferably of metal however, it may be of any other suitable material and comprises sections 6 and 7, the section 6 at its lower ends has an elongated extension 8 at substantially right angles thereto, which extension is provided centrally with an elongated bifurcation forming a recess 9 thereby producing spaced parallel extensions 10, the latter having their free ends curled to form eyes 11 the same being cut away as at 12 to accommodate correspondingly curled eyes 13 projecting from the lower end of the section 7 and which eyes of both the section 6 and section 7 receive a pin 14 forming a pivotal connection for the said section 7 with the section 6 of the stirrup.

The upper free end portions of the sections 6 and 7 are bent upward vertically and the said end of the section 6 is further bent inwardly and downwardly to substantially surround a block 15 and being secured thereto at opposite sides by fasteners 16. The free end of the bent portion of the section 6 extends inwardly as at 17 below the block 15 and a distance removed therefrom and also terminates a short distance removed from the said section 6 to permit the introduction of the loop end of a stirrup strap 18 between said inwardly extended portion 17 and the block 15 of the stirrup. Covering the sides and bottom of the block 15 is a wearing plate 19 the latter having guide extensions 20 projecting a distance above the top of the said block.

The section 7 of the stirrup is bent inwardly at right angles thereto at its upper end to form a bearing extension 21 the latter adapted to be brought into a position by guide extensions 20 of the bearing plate so as to overlie the top of the block 15 so that when a rider's foot is inserted in the stirrup and pressure is effected upon the same the strain upon the sections 6 and 7 will be evenly distributed and an extension 22 will

prevent the accidental opening of the section 7 when pressure of the foot of the rider is exerted upon the stirrup.

Adjacent the pivotal connection by the pin 14 of the section 7, the latter has integral therewith the extension 22 the same arranged in the path of the recess 9 and is adapted to be actuated by the foot of a rider to maintain the section 7 closed or in assembled relation with respect to the section 6 of the stirrup. The said extension 22 possesses a resiliency so that pressure from the foot of the rider when mounted in the stirrup will effect a positive closing of the section 7 and permit the foot of the rider to comfortably rest upon the extension 8 of the section 6.

The automatic operation of the stirrup is as follows: The section 7 being on the outside in relation to the saddle, should the rider be knocked out of his seat or fall accidentally on either side, the edge of his foot will contact with the section 7 forcing the same outward on its pivot and will permit his foot to escape from the stirrup preventing the rider from being dragged upon the ground.

Connected to the extensions 10 is a cross wire 23 supporting a coil resetting spring, 24, the same having a loop 25 engaging the extension 22 and the ends of said spring are secured to said extensions 10 so that the spring will normally hold the stirrup in a closed position.

What is claimed is—

1. A stirrup of the class described com-

prising a pair of pivotally connected sections having their upper ends bent upward vertically, a block secured to one of the sections at its upper end, a right angular extension on the other section, and adapted to be brought into a position to overlie the block, means for guiding the said extension in a position to overlie the block and means formed on one of the sections to normally hold the same in a closed position with respect to the other section.

2. A stirrup of the class described comprising inner and outer sections pivotally connected to each other, a block fixed to the upper end of the inner section, the said inner section being bent at its upper end inwardly a distance removed from the lower extremity of the block to accommodate a strap between the same and the block, a bearing plate secured to the block and having guide extensions projecting a distance slightly above the latter, a right angular bearing extension formed on the upper end of the outer section and adapted to overlie the block and insertible between the guide extensions, and a resilient extension carried by the outer section and adapted to maintain the latter in a closed position with respect to the inner section.

In testimony whereof, I affix my signature, in presence of two witnesses.

JOHN W. HADDOCK.

Witnesses:

R. E. MEANS,
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