

No. 832,351.

PATENTED OCT. 2, 1906.

H. VAN LENGEN.
GIG SADDLE.

APPLICATION FILED APR. 19, 1905.

Fig. 1.

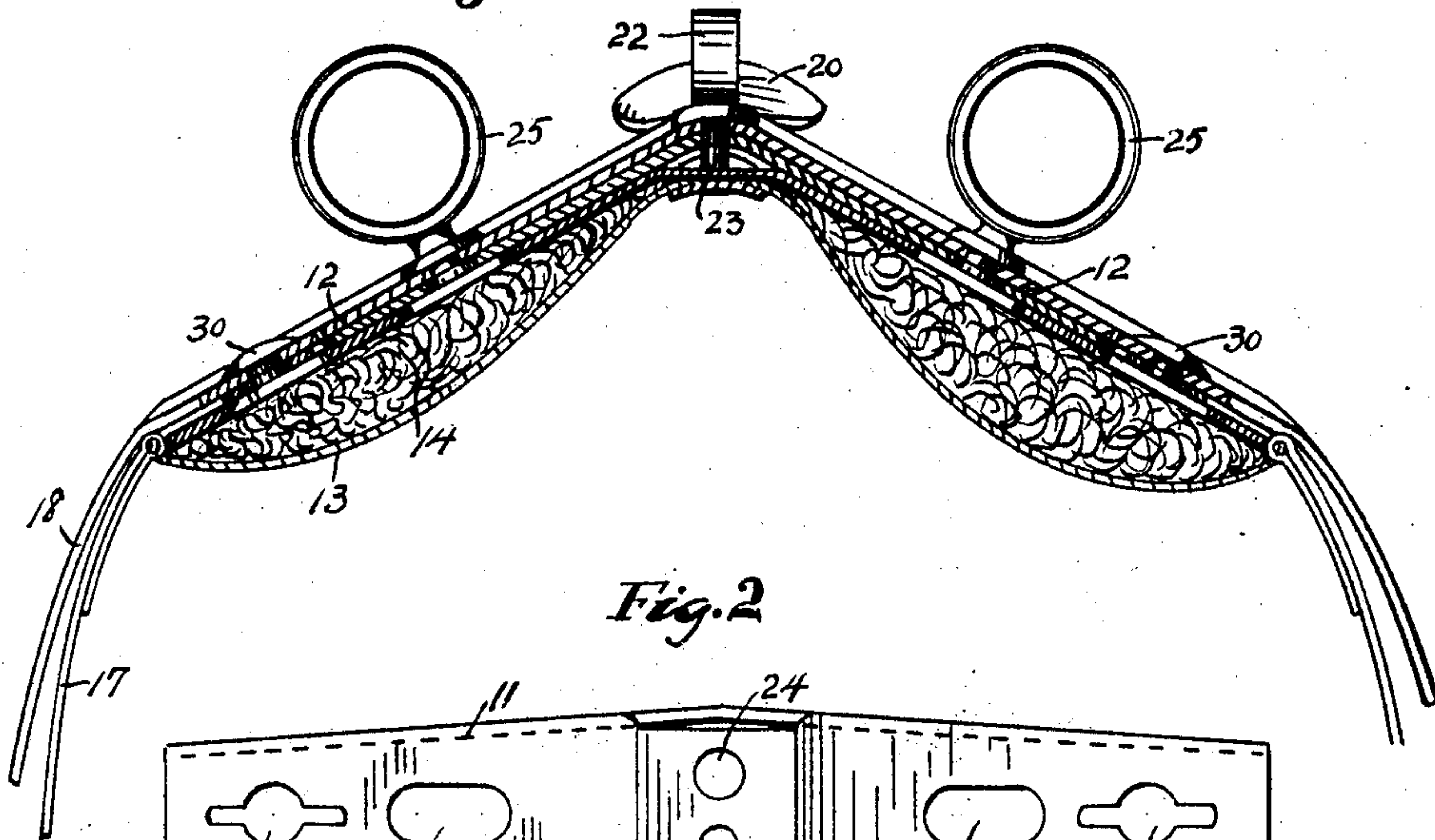


Fig. 2.

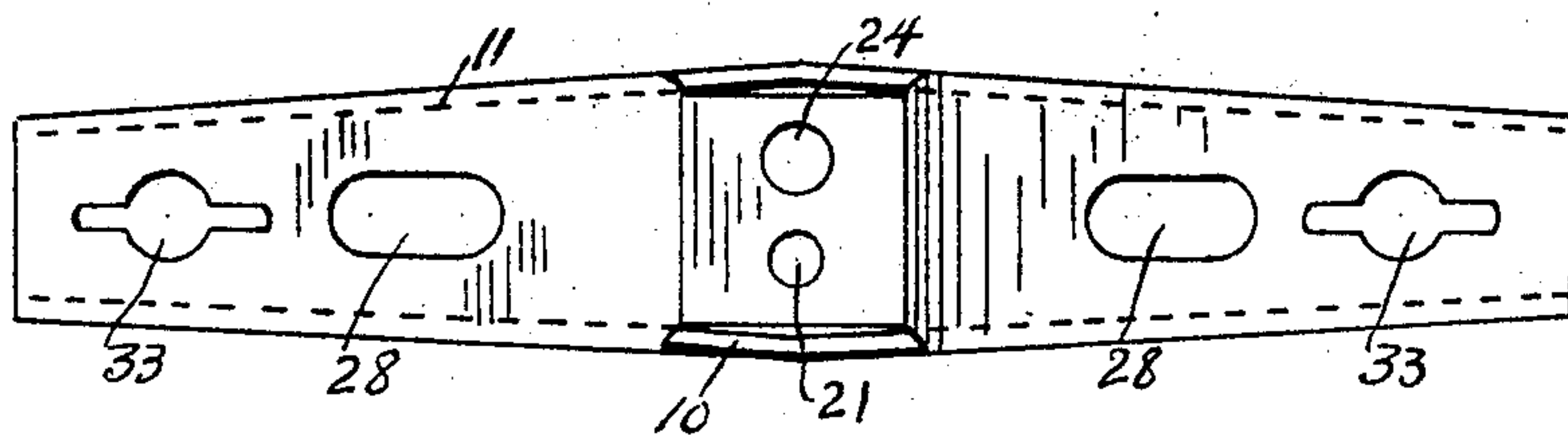


Fig. 3.

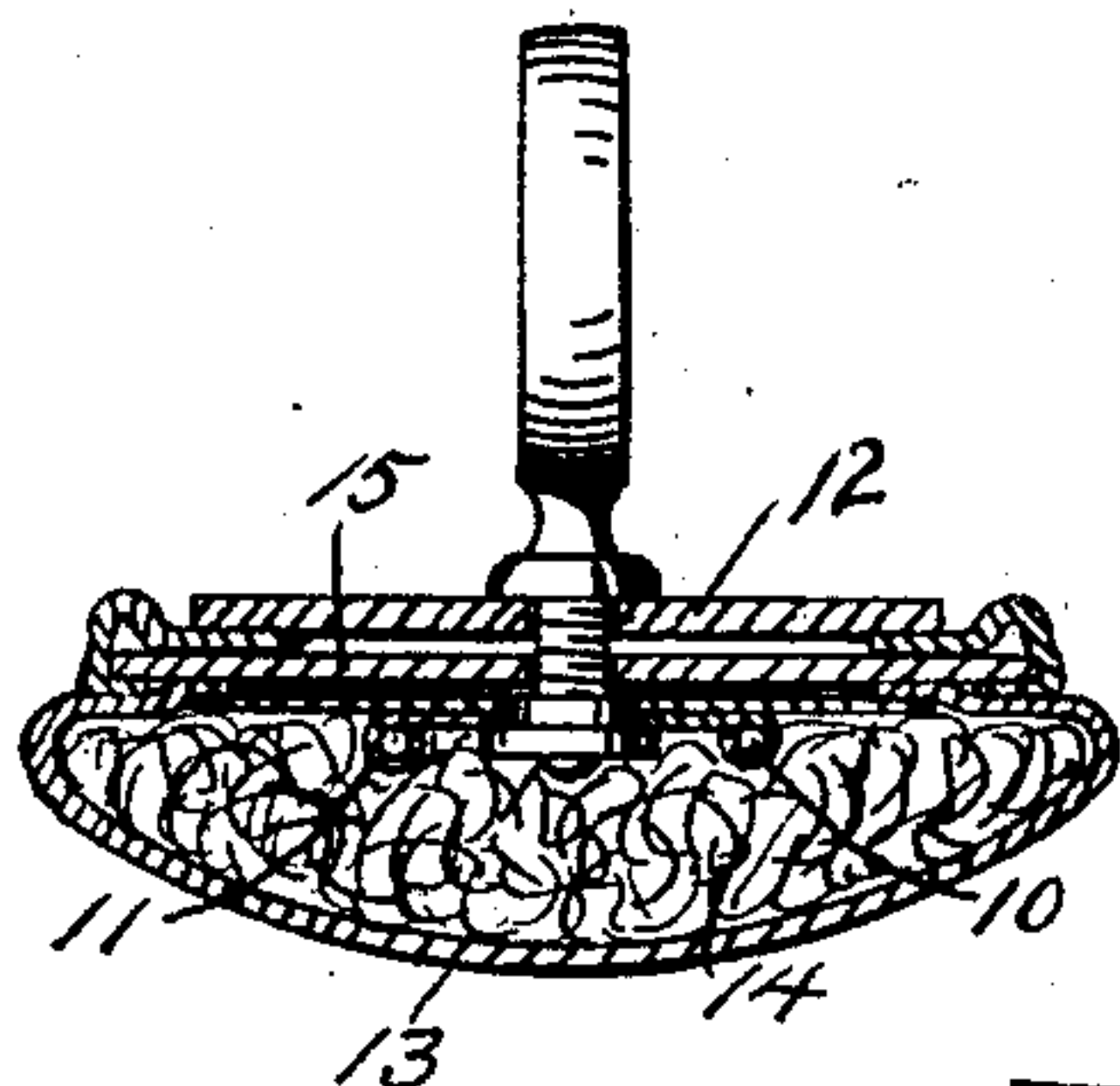


Fig. 4.

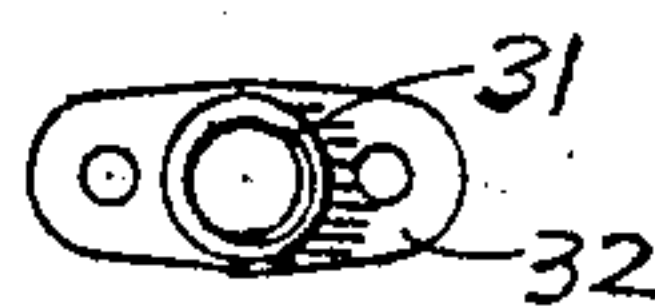


Fig. 5.

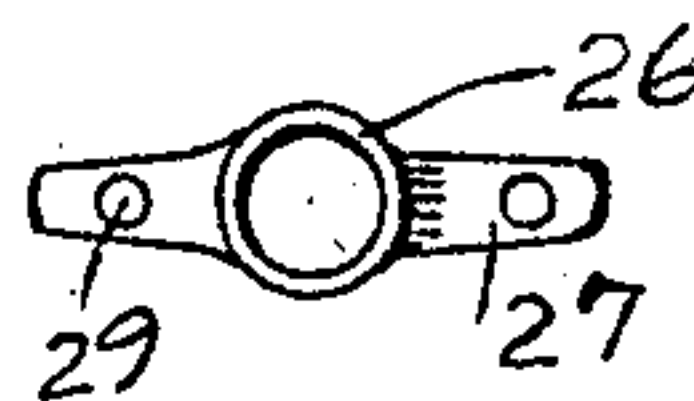
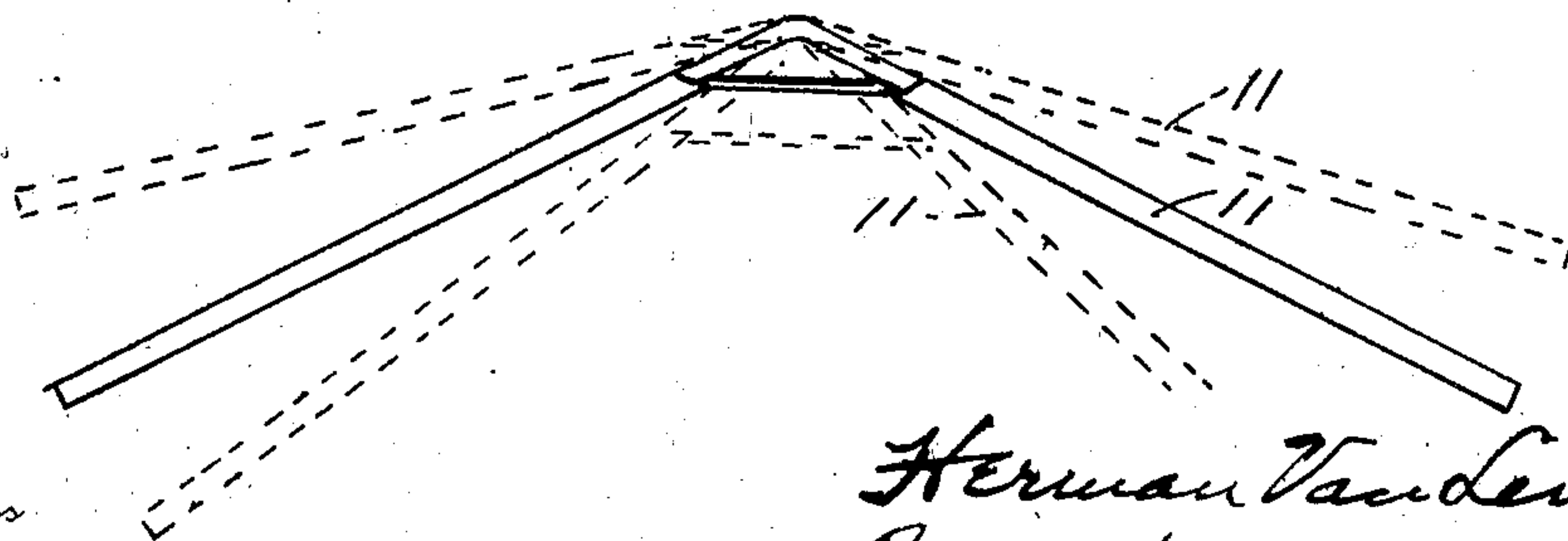


Fig. 6.



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GIG-SADDLE.

No. 832,351.

Specification of Letters Patent.

Patented Oct. 2, 1906.

Application filed April 19, 1905. Serial No. 256,499.

To all whom it may concern:

Be it known that I, HERMAN VAN LENGEN, of Indianapolis, county of Marion, and State of Indiana, have invented a certain new and useful Gig-Saddle; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which like numerals refer to like parts.

10 The object of this invention is to provide a strong metallic frame in gig-saddles that is to some extent flexible and resilient, whereby the saddle may be adjusted to suit the form of the back of a particular horse by bending
15 the metallic frame, even after it is secured in the saddle. After it is so bent it retains its form, although it is still sufficiently yielding to make the piece of harness comfortable to the horse's back. Therefore strength, dura-
20 bility, limited resiliency, and capacity for modification are the objects sought to be obtained by this invention.

The full nature of the invention will be understood from the accompanying drawings
25 and the following description and claims.

In the drawings, Figure 1 is a central vertical longitudinal section through the gig-saddle constituting this invention. Fig. 2 is a plan view of the metal frame. Fig. 3 is a
30 transverse section through the gig-saddle in line with one of the terrets. Fig. 4 is a plan view of one of the burs for one of the pad-screws. Fig. 5 is a plan view of one of the burs for a terret. Fig. 6 is a side elevation
35 of the metal frame, modified forms of the same being shown by dotted lines.

The chief novel part is the metal frame. (Seen best in Figs. 2 and 6.) It is formed of two comparatively strong wires 10, secured
40 to the lateral edges of a thin sheet-metal plate 11. The lateral edges of said plate are turned over and about said wires. The frame as a whole is slightly wider in the middle than at the ends, and the lateral edges of
45 the thin plate near the middle are not connected with the wires 10 and are not wrapped about the same; but said plate merely extends between them. This feature of the construction is an important one, as it per-
50 mits the frame to be modified by bending the wires 10 at the middle to shape the saddle to suit any horse. Hence the middle portion of the plate 11 is nearly horizontal, whereas the

middle portion of the wires 10 is curved. The plate 11 is also perforated, as will be
55 hereinafter explained, for the various binding parts of the device to extend through.

A bur-piece 15, made, preferably, of fiber-board and wider and larger than the metal frame is superimposed upon it. To the lat-
60 eral edges of said bur-piece the pad-covering 13 is secured, that incloses the pad 14 on the under side of said metal frame and bur-piece. The bur-piece has holes to correspond with
65 the holes in the metal plate. Upon the combined pad, metal frame, and bur-piece a housing 12 is superimposed, said housing having a jockey 16 secured upon it, preferably by
70 stitches. A skirt 17 is secured at its upper end to said housing under the jockey, and the back-band 18 is secured at the same place and hangs loosely over the skirt. A seat 20
75 is secured to the metal frame of the saddle by a bolt, (not shown,) that extends down from the seat through the hole 21 in the metal frame. On said seat a hook 22 is fastened by
80 the bolt 23, that goes down through the hole 24 in the metallic frame. The terrets 25 have screws that pass through the holes in the jockey, housing, and bur-piece and screw
85 into the two upwardly-extending heads 26 of the burs 27. The heads 26 extend through the slots 28 in the metal frame, and the burs have holes 29, through which they are fastened to the bur-piece by tacks. The length
90 of said burs is greater than the distance between the wires 10, so that if the burs should become loose they could not turn and escape from the terret-screws. There are also two
95 screws 30, that pass through the lower part of the jockey and the upper ends of the skirt and back-band and through the housing and bur-piece and screw to the two upward extensions 31 on the burs 32, that fit into the
100 slots 33 in the metal frame and are secured to the bur-piece the same as the burs 27.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In a gig-saddle, a metal frame consisting of a thin sheet-metal plate, and a wire secured along each lateral edge thereof, said
105 wires being flexible and resilient so they will maintain any position into which they may be bent.

2. In a gig-saddle, a metal frame consisting of a thin sheet-metal plate, and a wire

along each lateral edge thereof, the edges of said metal plate being turned over and about the wire to secure the two together excepting in the middle portion of said frame so that
5 said wires may be bent at the middle without hindrance from the sheet of metal.

3. In a gig-saddle, a metal frame consisting of a thin sheet of metal a wire along each edge of said sheet of metal and over and
10 about which the edges of the metal sheet are turned for securing them together, said wires being bent at their middle and said sheet of metal not extending about them at the middle portion but extending between them.

15 4. In a gig-saddle, a metal frame consisting of a thin metal sheet, a wire secured along each lateral edge thereof, said sheet of metal having holes in it for the passage of binding parts, a bur-piece superimposed upon said
20 metal frame, and burs secured to said bur-piece and extending up through said slots in the metal plate, said burs exceeding in length the distance between the wires in said metal

frame near said burs, so that said burs will be prevented from turning if they become loose. 25

5. The combination with a saddle-pad core consisting of a perforated strip of material, a stiffening spring-wire attached thereto throughout its length, a fiber-board strip attached thereto, and the pad attached to said
30 fiber-board, substantially as described.

6. The combination with a saddle-pad core consisting of a strip of material, a pair of stiffening spring-wires attached thereto and extending the length thereof, a fiber-board
35 strip attached thereto, and the pad attached to said fiber-board, substantially as described.

In witness whereof I have hereunto affixed my signature in the presence of the witnesses
40 herein named.

HERMAN VAN LENGEN.

Witnesses:

W. H. BONHAM,
N. ALLEMONG.