

No. 791,407.

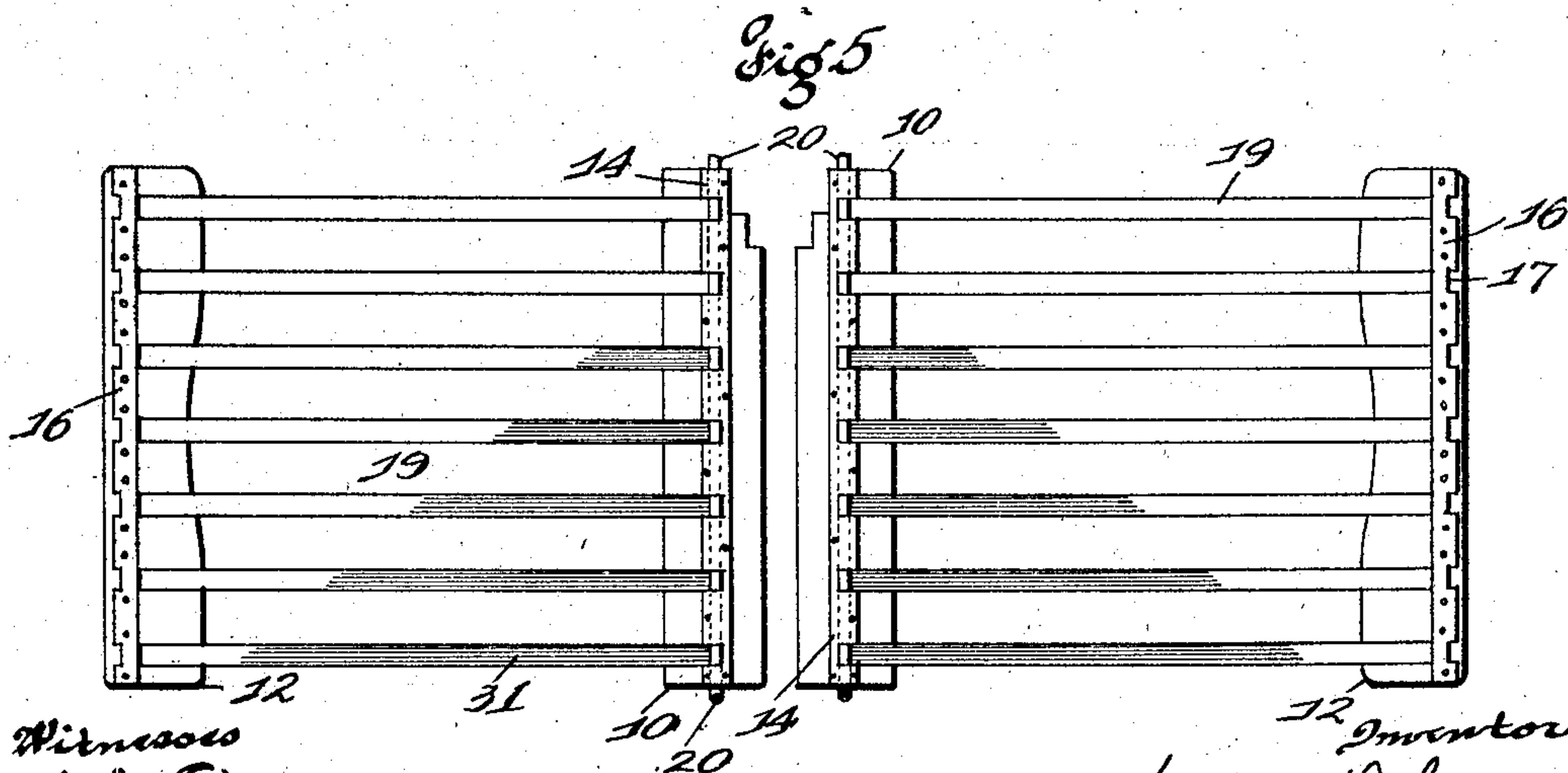
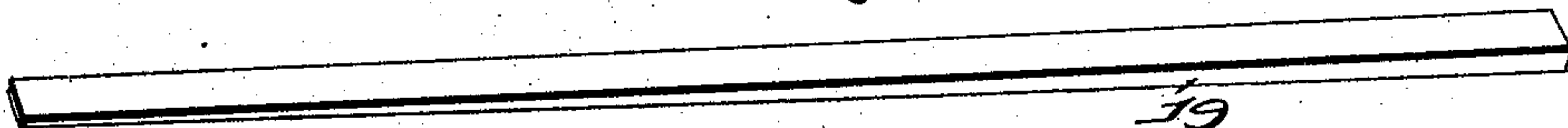
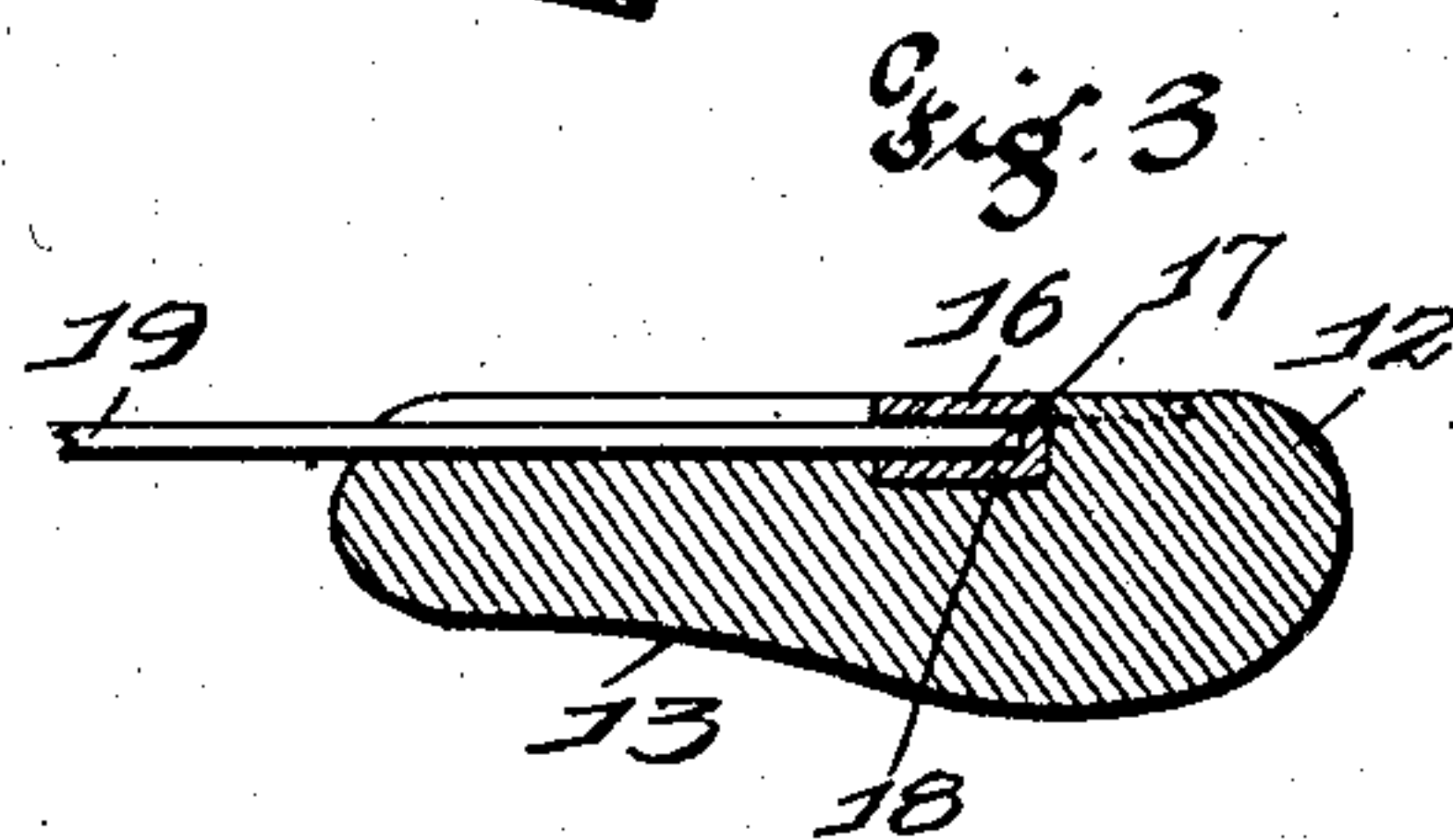
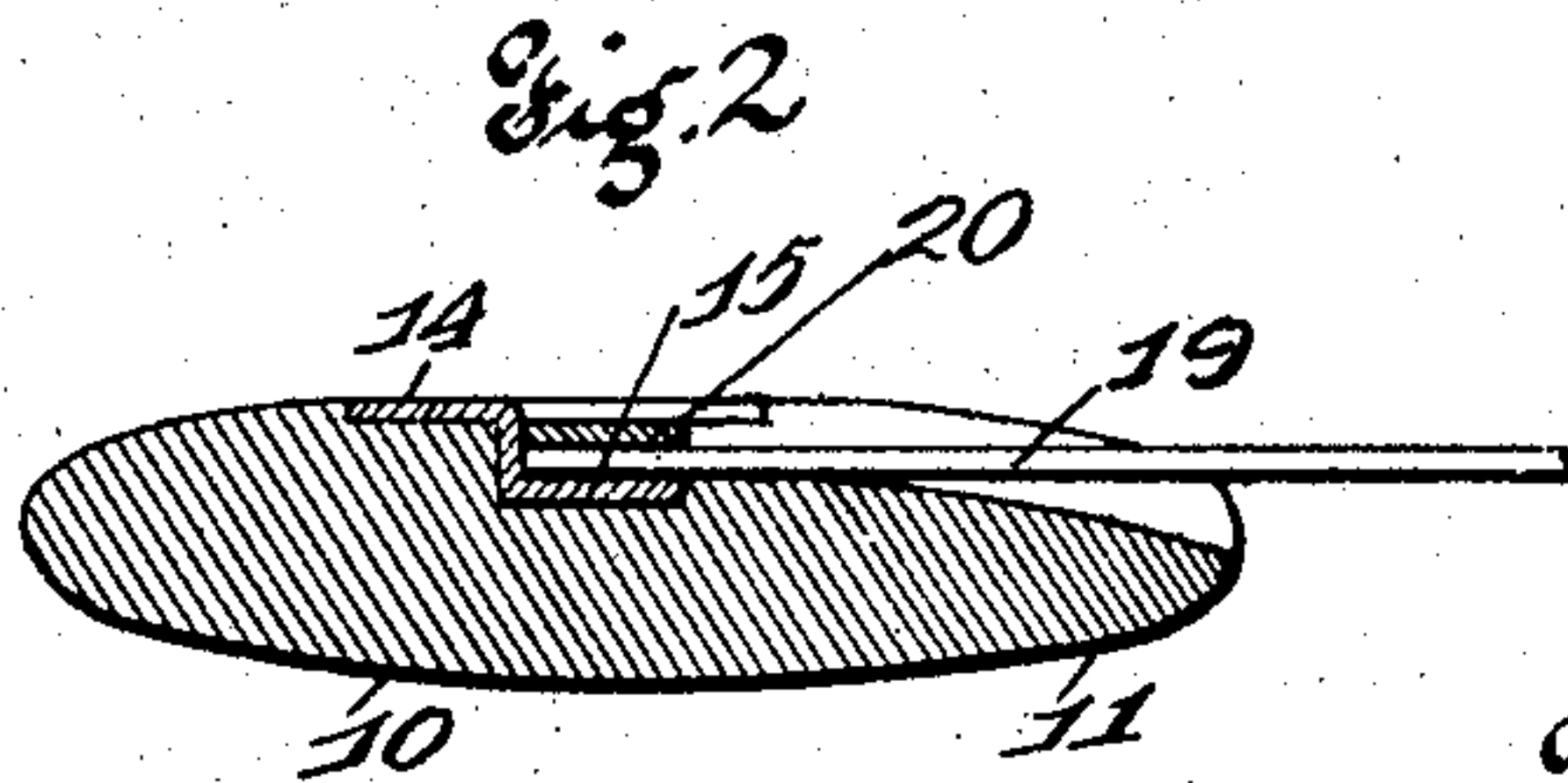
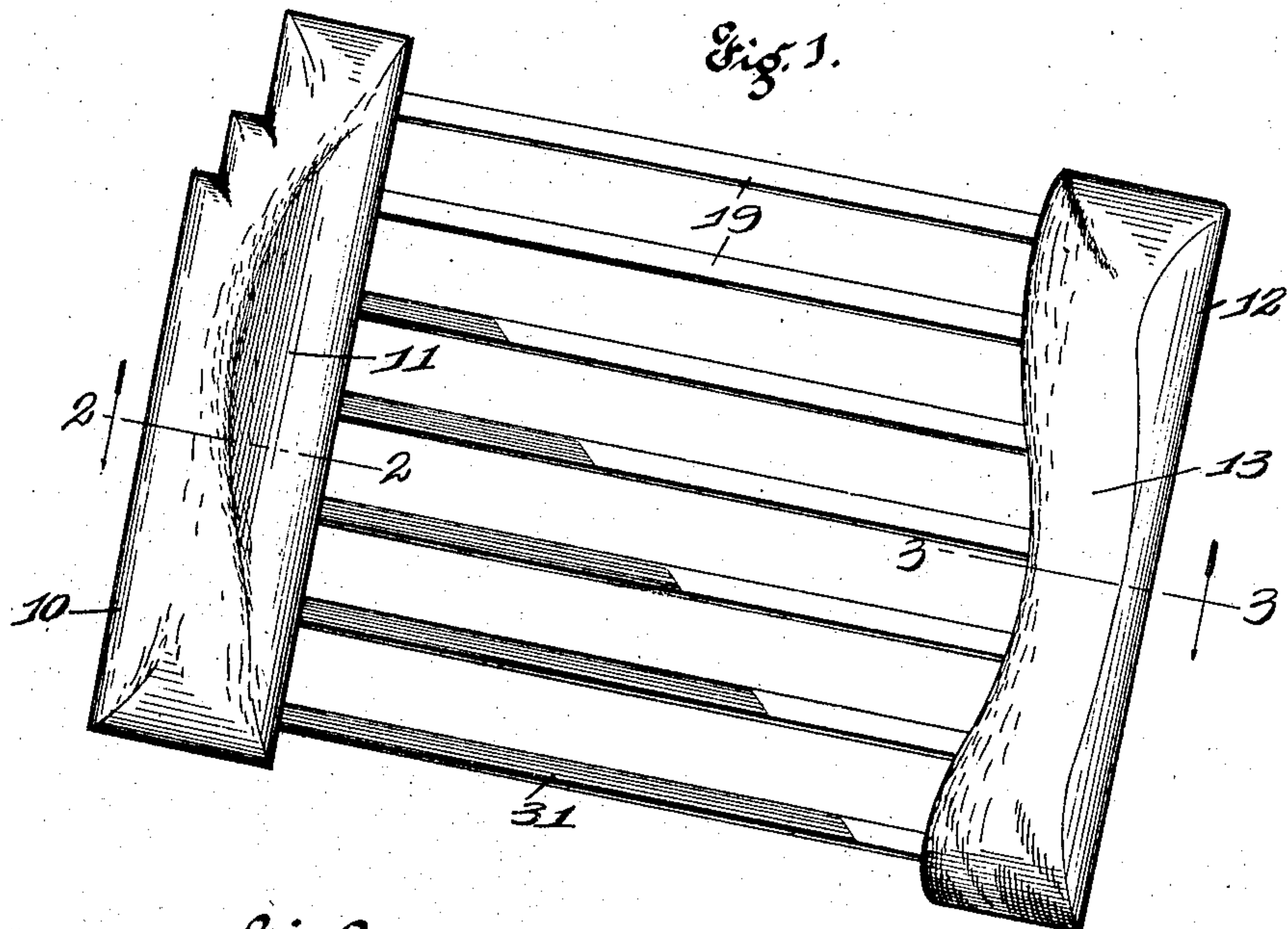
PATENTED MAY 30, 1905.

H. W. DALY.

APAREJO.

APPLICATION FILED OCT. 10, 1904.

2 SHEETS—SHEET 1.



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2 SHEETS—SHEET 2.

Fig. 6

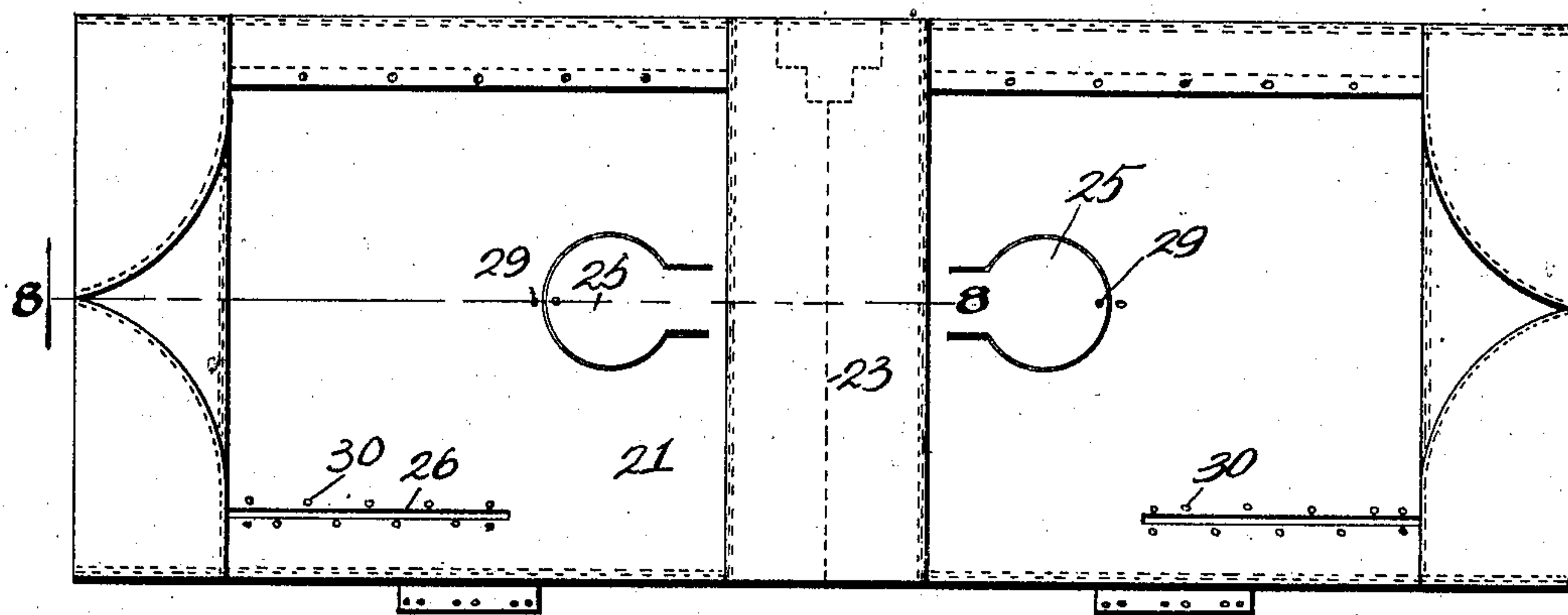


Fig. 7

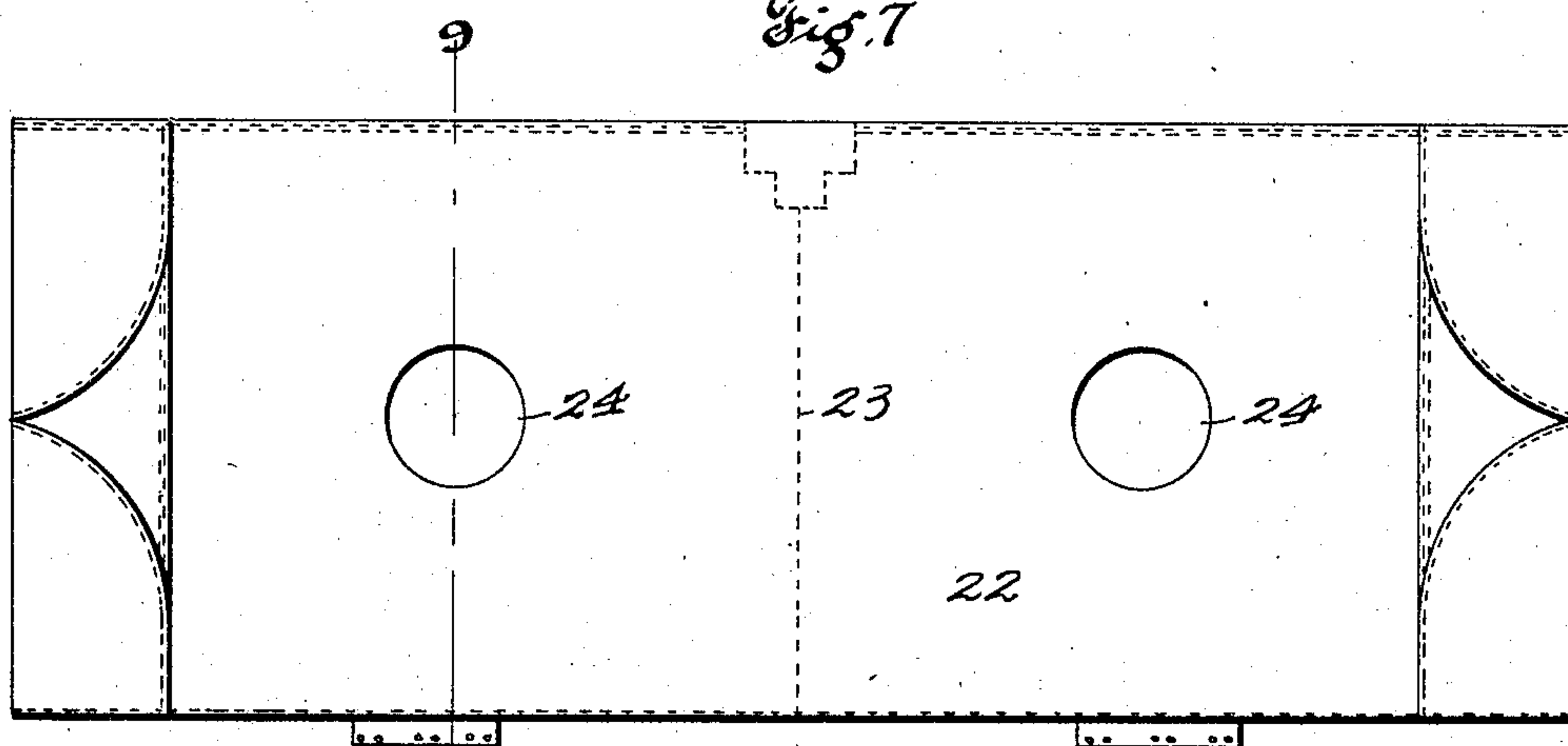


Fig. 8

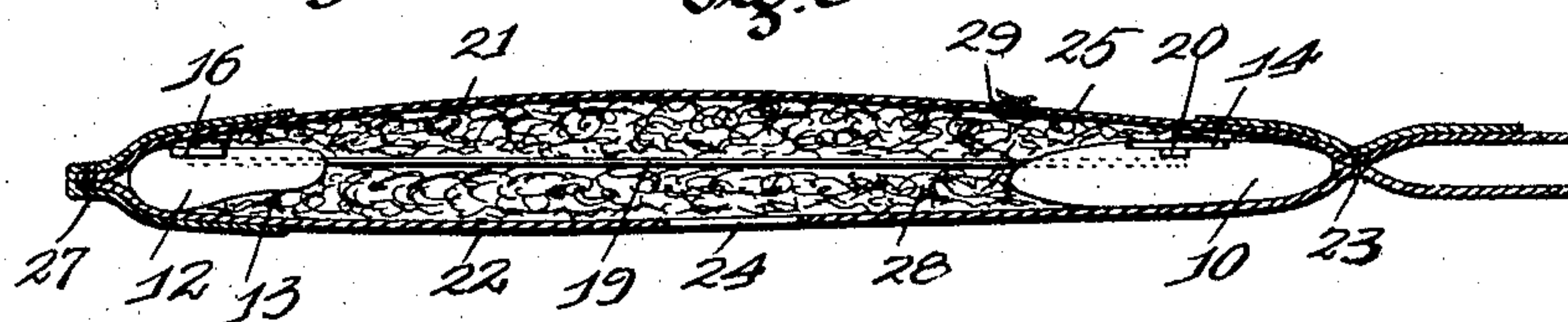
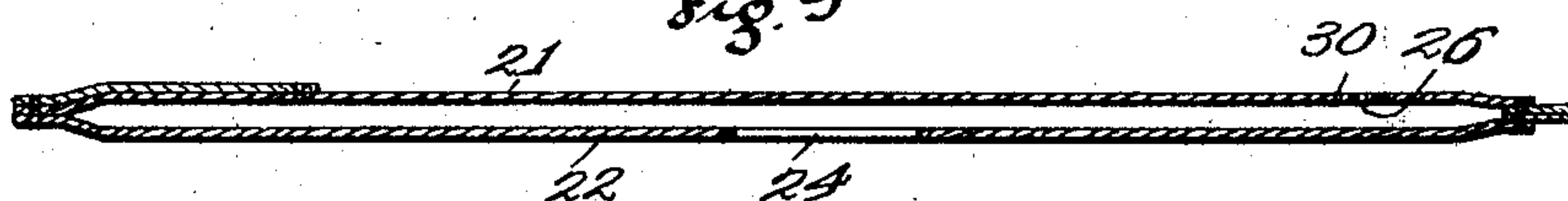


Fig. 9



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UNITED STATES PATENT OFFICE.

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APAREJO.

SPECIFICATION forming part of Letters Patent No. 791,407, dated May 30, 1905.

Application filed October 10, 1904. Serial No. 227,942.

To all whom it may concern:

Be it known that I, HENRY W. DALY, a citizen of the United States, and a resident of Leavenworth, county of Leavenworth, State of Kansas, have invented certain new and useful Improvements in Aparejos, of which the following is a specification containing a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to improvements in aparejos; and it consists of the novel features herein shown, described, and claimed.

In the drawings, Figure 1 is a perspective from the inside of one of the frames removed from the sack and padding. Fig. 2 is a sectional detail on the line 2 2 of Fig. 1 and looking in the direction indicated by the arrow. Fig. 3 is a sectional detail on the line 3 3 of Fig. 1 and looking in the direction indicated by the arrow. Fig. 4 is a perspective of one of the spring-bars removed from the frame. Fig. 5 is a plan of the two frames, upon a reduced scale as compared with Fig. 1, the sack and padding being removed. Fig. 6 is an outside view of the sack. Fig. 7 is an inside view of the sack. Fig. 8 is a cross-section, upon an enlarged scale, on the line 8 8 of Fig. 6 looking in the direction indicated by the arrow and showing the frame and padding in position in the sack. Fig. 9 is a sectional detail upon the line 9 9 of Fig. 7 and looking in the direction indicated by the arrow, the view being inverted.

Referring to the drawings in detail, the frame is made in two parts, said parts being mates, right and left. Each part comprises an upper wooden pad 10, having a carved inner face 11 to fit the contour of the animal's back, and the lower pad 12, having the carved inner face 13 to fit the animal's flank. Metallic socket-plates 14 are embedded into the outer faces of the pads 10, portions 15 of said plate being cut crosswise and bent inwardly to form the bottoms of the sockets. The metallic socket-plates 16 are embedded into the pads 12, portions 17 of said plate being cut transversely and bent under to form the sockets 18. The spring-slats 19 are placed in po-

sition with their ends in the sockets 14 and 16, said slats serving as braces to space the pads the proper distance apart, and a latch-bar 20 is inserted endwise under the plate 14 and over the ends of the slats 19.

The sack is constructed to hold the frames and consists of an outer section 21 and the inner section 22, there being a longitudinally-extending seam 23 in position to come in line with the backbone of the animal, said seam dividing the sack into two parts. Circular openings 24 are formed at the centers of each part of the inner section 22 for the insertion of padding. Each part of the outer section 21 is cut to form a door 25 at the center of its upper part. Vertical slits 26 are formed near the rear edges of each part of the outer section.

The frame is inserted a piece at a time through the slits 26, the pad 10 being pressed upwardly against the seams 23 and the pad 12 being pressed downwardly against the seam 27, which connects the lower edges of the inner and outer sections 21 and 22. Then the spring-slats 19 are inserted into position to hold the pads 10 and 12 apart, the bar 20 is inserted to hold the slats in position, and then the pad 28, of moss or straw or any suitable material, is inserted through the openings 24.

The doors 25 may be held closed by lacings inserted through the openings 29, and the slits 26 may be held closed by lacings through the openings 30.

The slats 19 are graduated in thickness, the stiffer slats being in front and the more yielding slats being at the rear, as indicated by the shading 31 in Figs. 1 and 5.

I claim—

1. In an aparejo: the upper wooden pad 10 having a carved inner face 11; the lower wooden pad 12 having the carved inner face 13; the metallic socket-plate 14 embedded into the outer face of the pad 10; there being portions 15 of said plate cut crosswise and bent inwardly to form the bottoms of the sockets; the metallic plate 16 embedded into the pad 12; portions 17 of said plate being cut transversely and bent under to form the sockets 18; the spring-slats 19 placed in position with

their ends in the sockets 16 and 14; and the latch-bar 20 inserted endwise under the plate 14 and over the ends of the slats 19.

2. In an aparejo: the upper wooden pad 10;
5 the metallic socket-plate 14 embedded into the outer face of the pad 10; portions 15 of said plate being cut crosswise and bent inwardly to form the bottoms of the sockets; spring-slats mounted with their ends in the sockets;

and the latch-bar 20 inserted endwise under the plate 14 and over the ends of the slats 19.

In testimony whereof I have signed my name to this specification in presence of two subscribing witnesses.

HENRY W. DALY.

Witnesses:

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