No. 804,671. PATENTED NOV. 14, 1905.

A. F. RANSOM.

HARNESS PAD.

APPLICATION FILED AUG. 16, 1904.

2 SHEETS—SHEET 1.

Fig. 1.

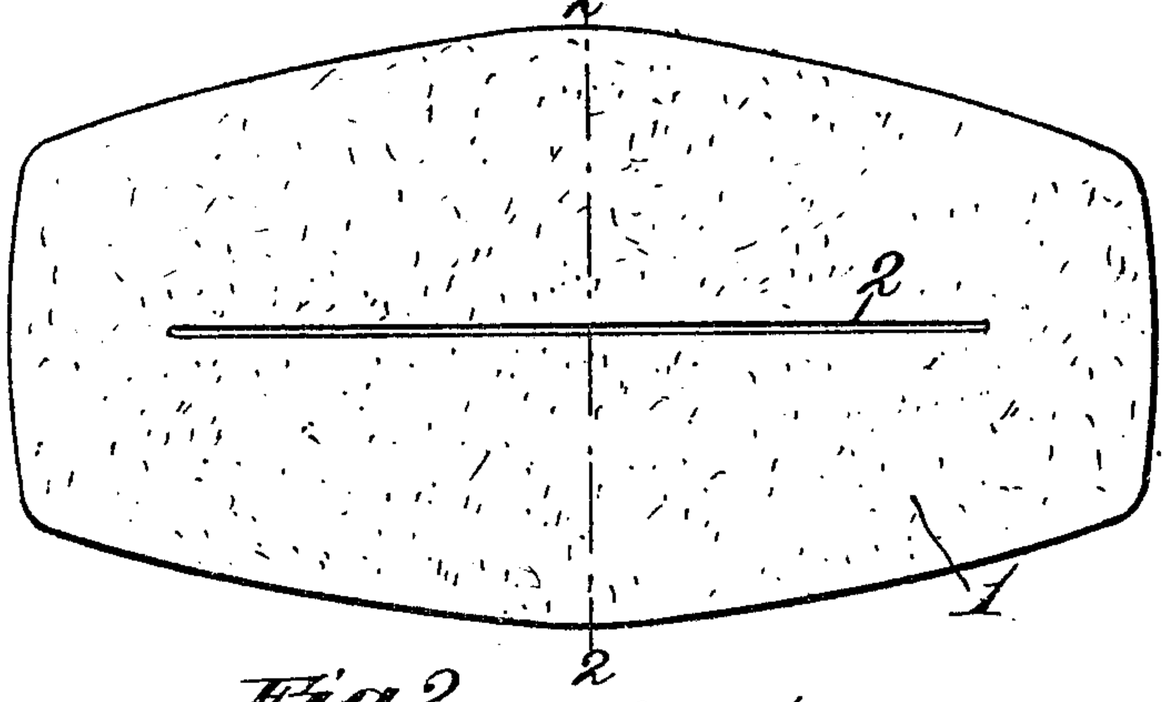


Fig. 2.

Fig. 3.

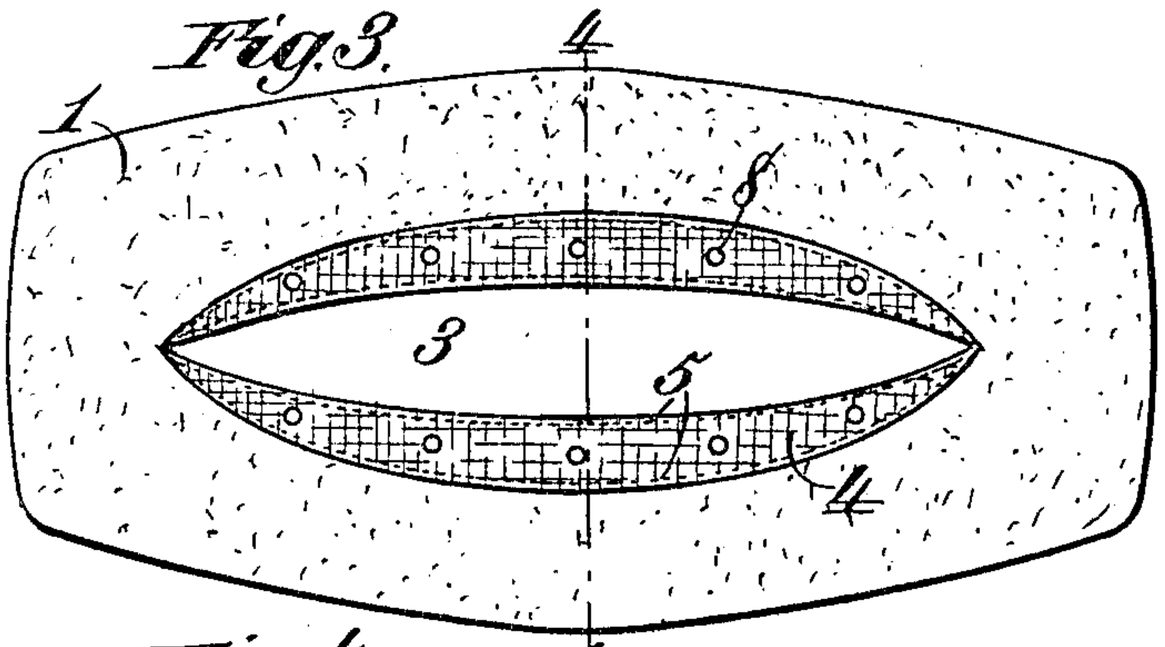


Fig. 4.

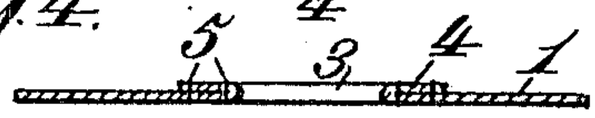


Fig. 5.

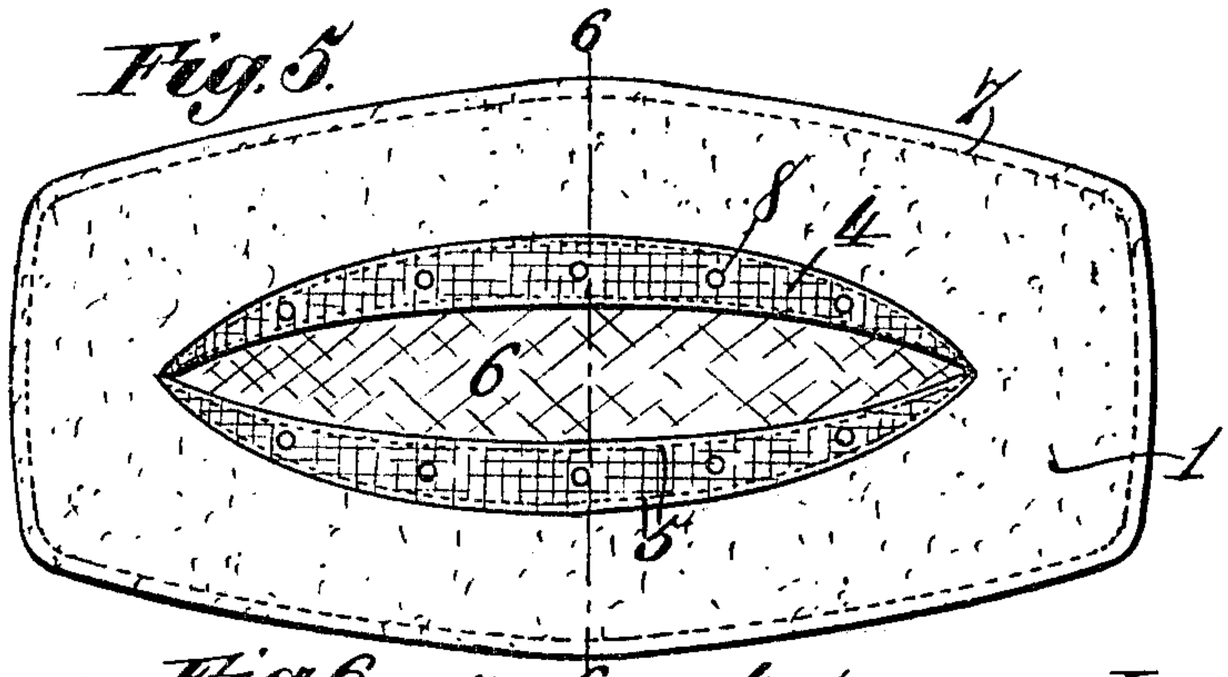
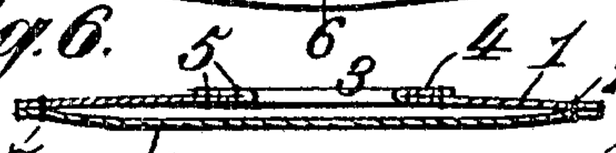


Fig. 6.



Witnesses.
Robert Everett,
George T. Bean.

Inventor.
Albert F. Ransom,
by Chas. G. Hindman,
Attorney.

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2 SHEETS—SHEET 2.

Fig. 7.

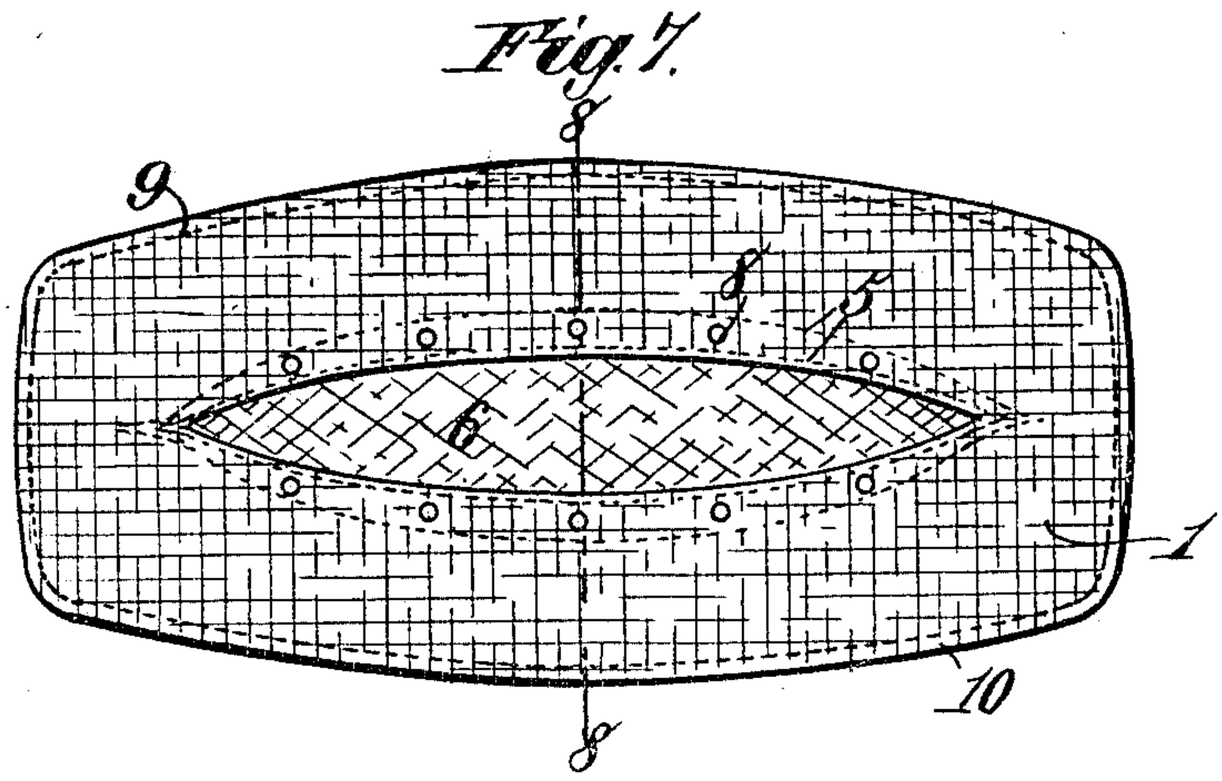


Fig. 8.

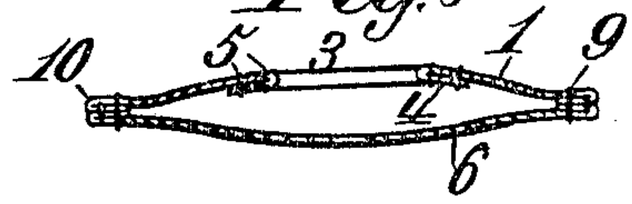


Fig. 9.

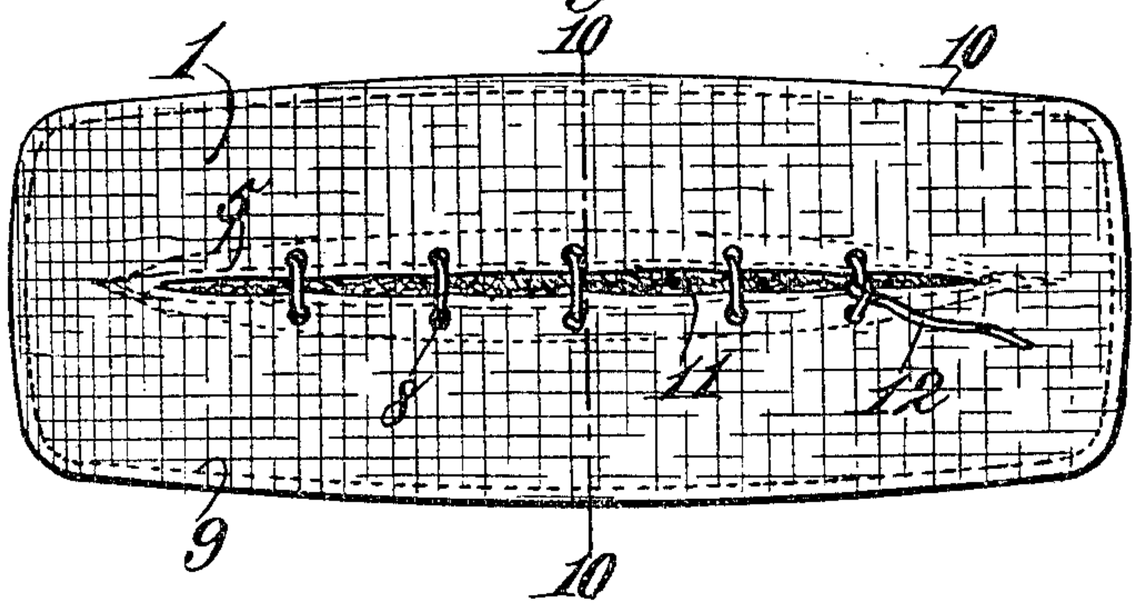
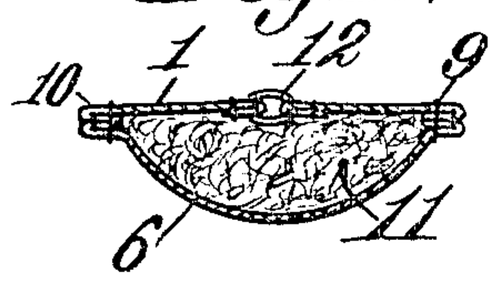


Fig. 10.



Witnesses.
Robert Everett.
George T. Bean.

Inventor.
Albert F. Ransom,
by Chas. G. Thurman,
Attorney.

UNITED STATES PATENT OFFICE.

ALBERT F. RANSOM, OF BURLINGTON, WISCONSIN, ASSIGNOR TO BERNHARD H. RUETER, OF BURLINGTON, WISCONSIN.

HARNESS-PAD.

No. 804,671. Specification of Letters Patent. Patented Nov. 14, 1905.

Application filed August 16, 1904. Serial No. 220,942.

To all whom it may concern:

Be it known that I, ALBERT F. RANSOM, a citizen of the United States, residing at Burlington, in the county of Racine and State of Wisconsin, have invented certain new and useful Improvements in Harness-Pads; and I do 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, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to harness-pads applicable to the neck, back, or breast or other part of the harness according to the part to which it may be applied, said pad being made separate from the harness and without any permanent connection thereto, so that it may be applied to the appropriate or desired part of the harness and removed when desired without affecting whatever the part of the harness at which the pad is applied; and the invention consists in such a harness-pad possessing the features and made in the manner hereinafter particularly described and then sought to be clearly defined by the claims, reference being had to the accompanying drawings, in which is illustrated one form of pad embodying my invention, and in which—

Figure 1 is a plan of one face of the pad, showing a longitudinal slit in the same. Fig. 2 is a cross-section on line 2 2 of Fig. 1. Fig. 3 is a plan of the same face-piece, showing the elliptical opening formed by folding and stitching the material along the edges of the opening. Fig. 4 is a cross-section on line 4 4 of Fig. 3. Fig. 5 is a plan of the same face-piece with the backing or rear face stitched thereto. Fig. 6 is a cross-section on the line 6 6 of Fig. 5. Fig. 7 is a plan view of the parts shown in Fig. 5, turned inside out and having a second row of stitching applied along the outer edge to form a stiffened or beaded edge around the completed pocket portion of the pad. Fig. 8 is a cross-section on the line 8 8 of Fig. 7. Fig. 9 is a plan face view of the completed pad having its filling and lacing-string applied, and Fig. 10 a cross-section on the line 10 10 of Fig. 9.

In forming the pad I first take a sheet of suitable material and cut it or shape it to give it the configuration or outline suitable for the part to which it is to be applied and which will constitute the face 1 of the pad, and in this I form or make a longitudinal slit 2. The material along the outer edges of the slit is then folded so as to form an elliptical opening 3, the folded edges 4 being stitched to the body of the material by rows of stitching 5, thus forming an elliptical opening having stiffened edges. I next cut a backing 6 from suitable material, giving it the shape or outline of the facing-piece 1, and then stitch the facing-piece and backing together along their outer edges by a row of stitching 7, as illustrated in Figs. 5 and 6, the folded portions 4 being provided or formed with eyelets 8. The pocket thus formed is then turned inside out, and the facing-piece and backing are further stitched together by a second row of stitches 9, applied around the outer edge of the pocket, so as to form a stiffened or beaded outer edge 10 around the pocket, as illustrated in Figs. 7 and 8 of the drawings. The pocket is then filled with a stuffing material 11, composed of particles of sponge and fibers of wool. A lacing-string 12 is then threaded through the eyelets 8, and the edges of the elliptical opening 3 are drawn together by this lacing, as illustrated in Fig. 9 of the drawings. This causes the backing 6 to bulge or assume a convex form and the facing-piece 1 to assume a flattened surface or plane, as illustrated in Figs. 9 and 10 of the drawings. The convex or bulging portion of the pad thus formed constitutes the cushion which bears against the body of the animal, and the flattened face is the portion which receives the part of the harness at the point where the pad is applied.

Under the construction described and the manner of making the same the pad is furnished with a finished stiffened or beaded outer edge and with a central opening having a finished beaded or stiffened edge, the central opening being of such shape that when its edges are drawn together the pad is caused to assume a shape having a convex backing and a substantially flat face or plane surface, the lacing when loosened permitting the edges of the central opening to spread apart, so that easy access may be had to the interior of the pocket for examination of the stuffing and for changing or renewal of the same as occasion may require.

The pad is readily applied and removed,

inasmuch as it is separate or detached from the harness, and may be sold as a separate article of manufacture.

While I have illustrated only one shape or configuration of the pad, it will be understood that the shape or configuration may be varied to best adapt the pad for the particular point at which it will be applied, and, further, that the lines of the elliptical opening will be made to conform to the general outline or shape of the pad in which it will be formed and essential features of my invention be retained.

The pad as it may be shaped will adapt it for application at either the neck, the back, or the breast of the animal.

Having described my invention and set forth its merits, what I claim is—

1. A harness-pad comprising a facing and a backing stitched together along their outer edges, the facing having a centrally-disposed elliptical opening, a filling material within the pad, and a lacing-string connecting the edges of the elliptical opening for drawing them together to give to the pad a convex back and a substantially flat face, substantially as described.

2. A harness-pad comprising a facing and a backing having folded outer edges stitched together, the facing having a centrally-disposed elliptical opening, the edges of the material along the opening being folded and formed with eyelets, a filling material within the pad, and a lacing-string threaded through said eyelets for drawing together the edges of the elliptical opening, substantially as described.

3. A harness-pad comprising a facing and a backing having their outer edges turned inwardly between the facing and backing and secured together by a row of stitching along the outer edges and a second inside row of stitches to form a beaded edge around the pad, the facing being formed with a centrally-disposed opening with the edges of the material along the opening turned inwardly and stitched in position and formed with eyelets, a filling material within the pad, and a lacing-string threaded through the eyelets for drawing the edges of the opening together, substantially as described.

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

ALBERT F. RANSOM.

Witnesses:
JOHN LOCKMETT,
L. J. BREHM.