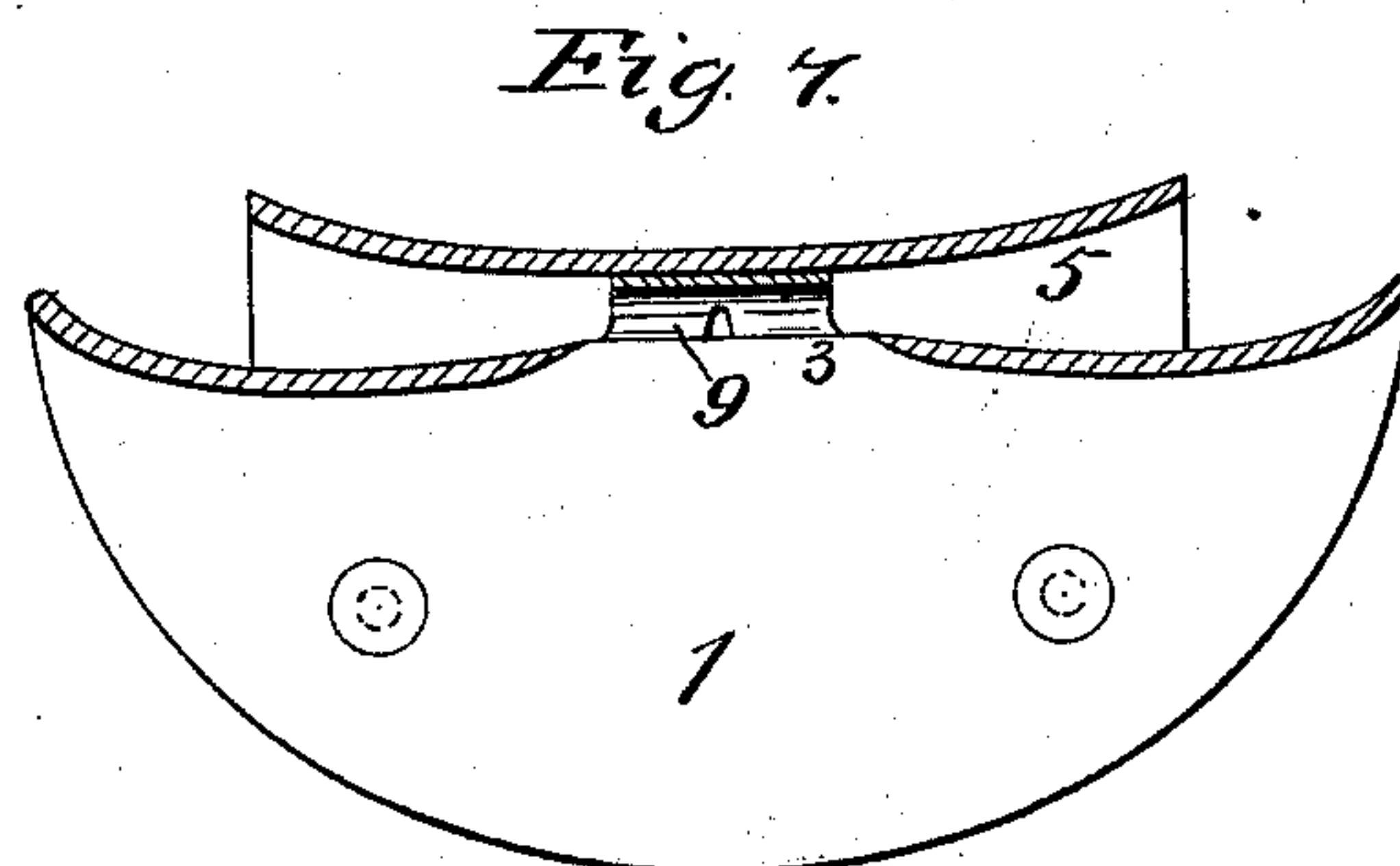
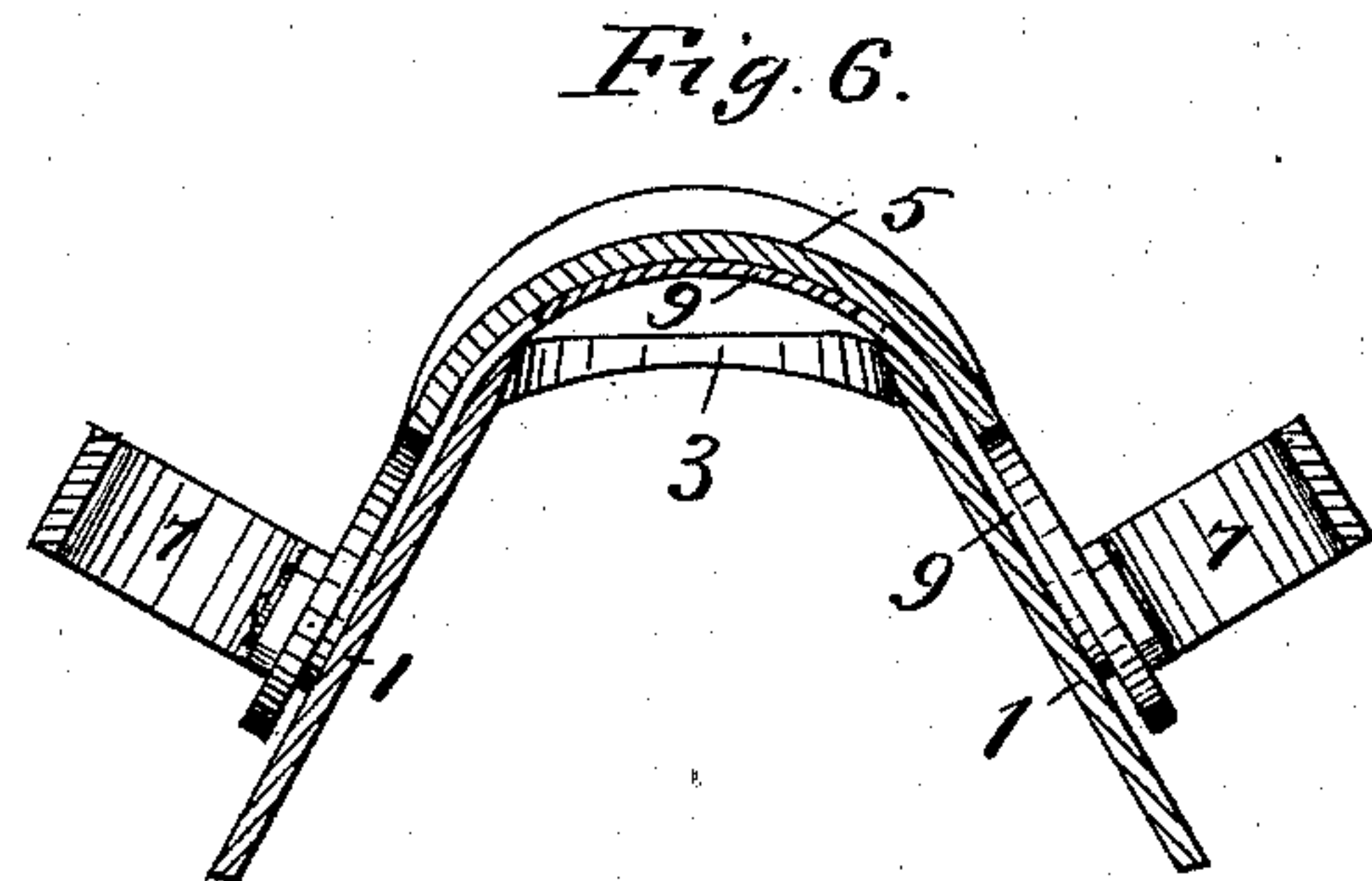
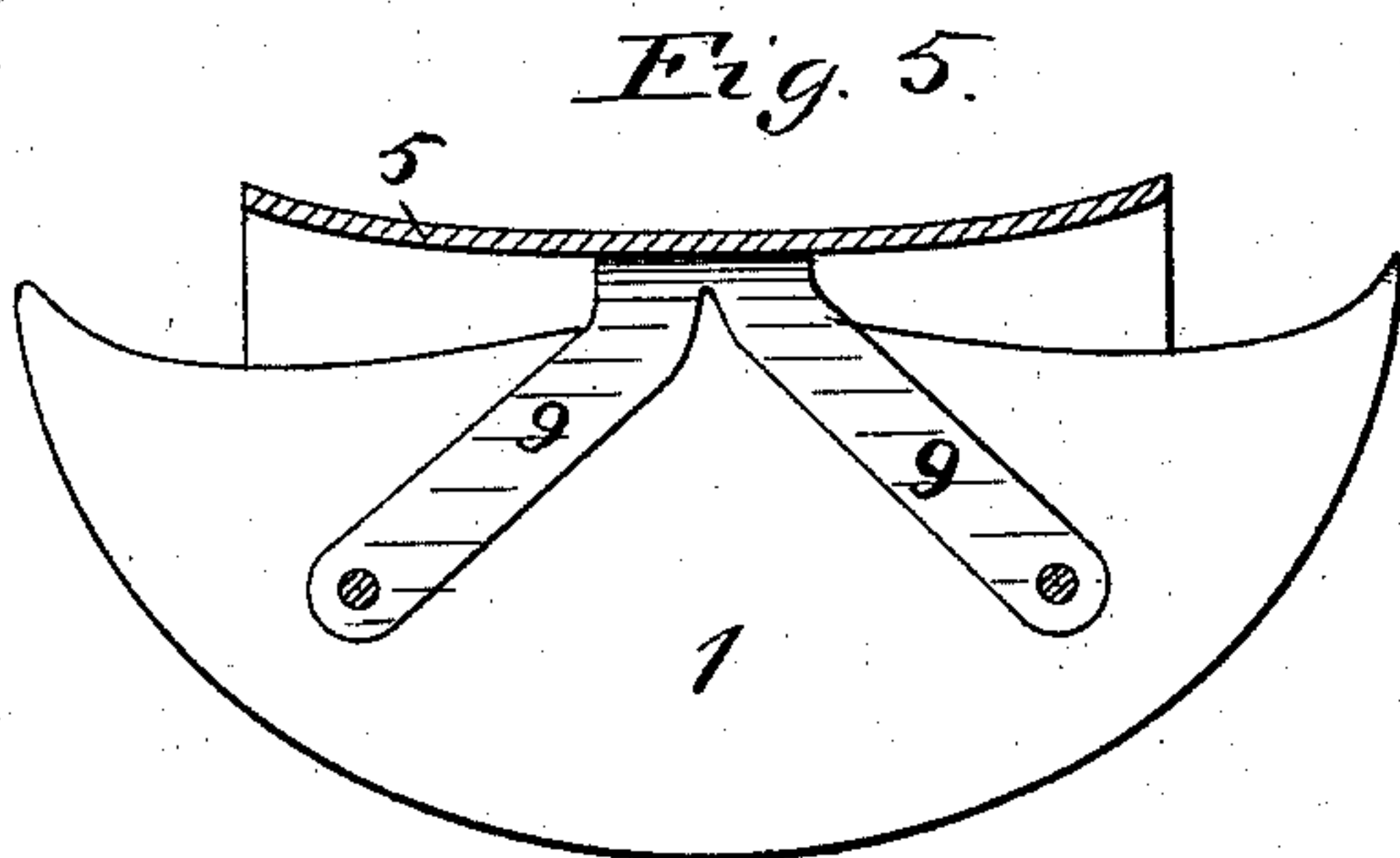
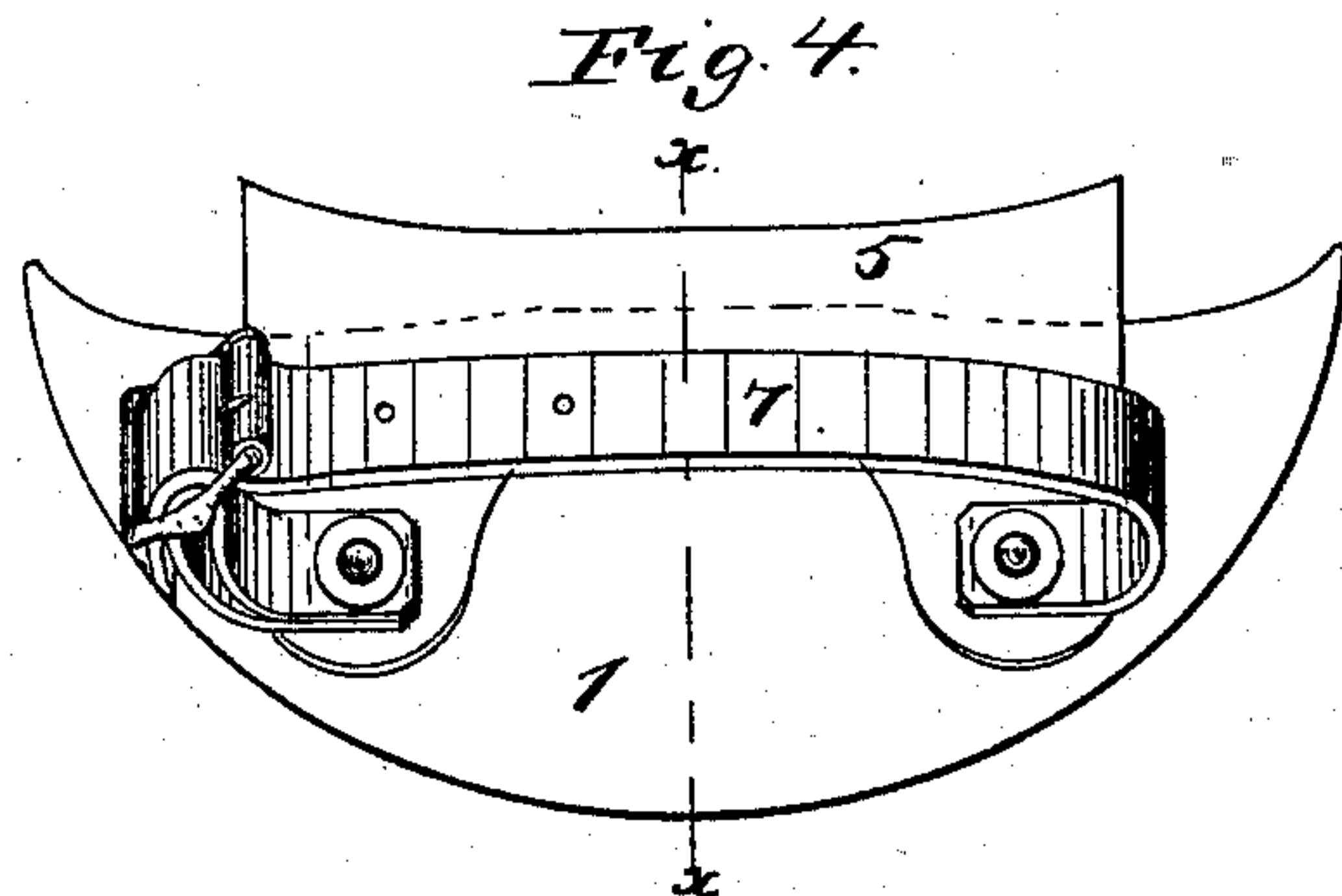
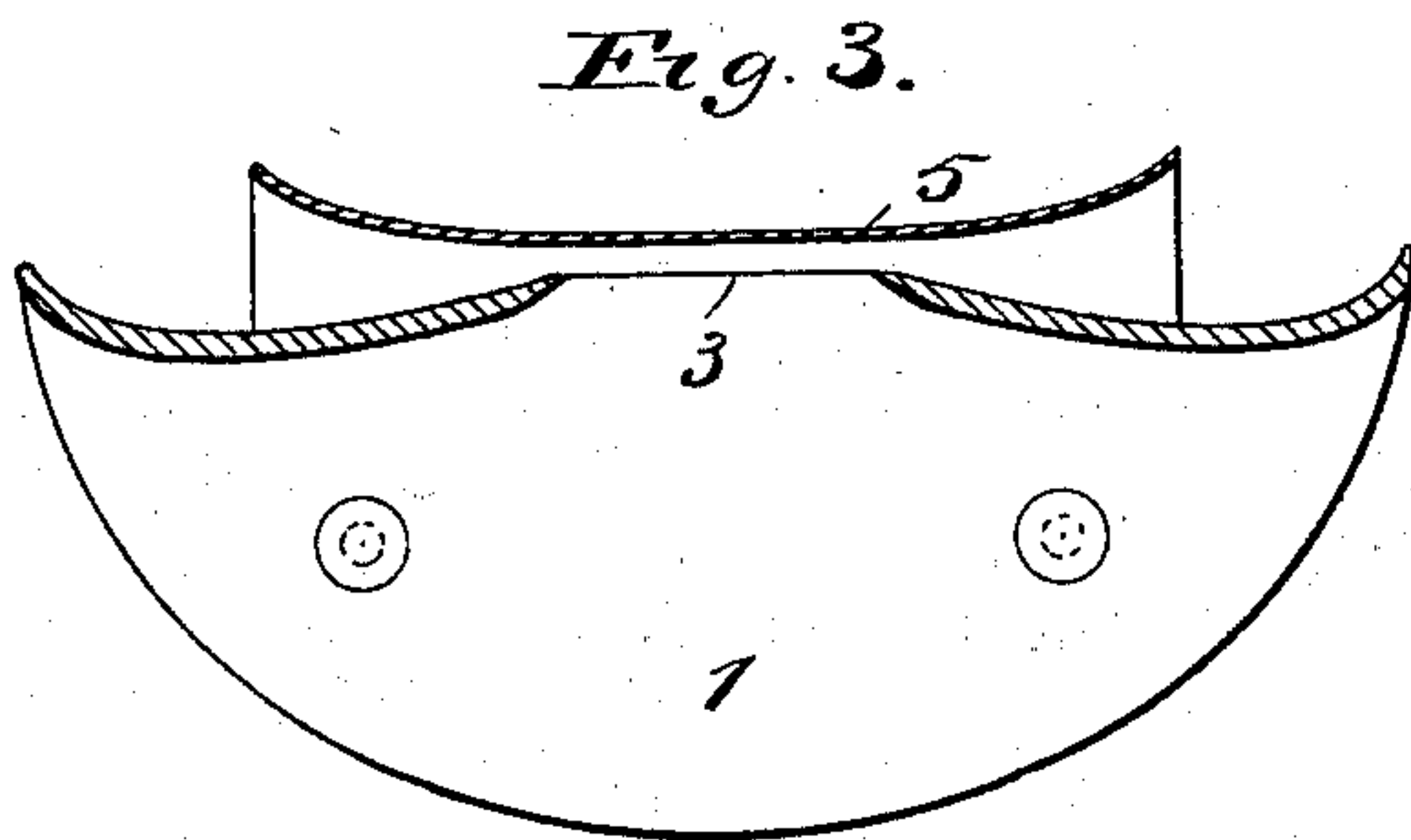
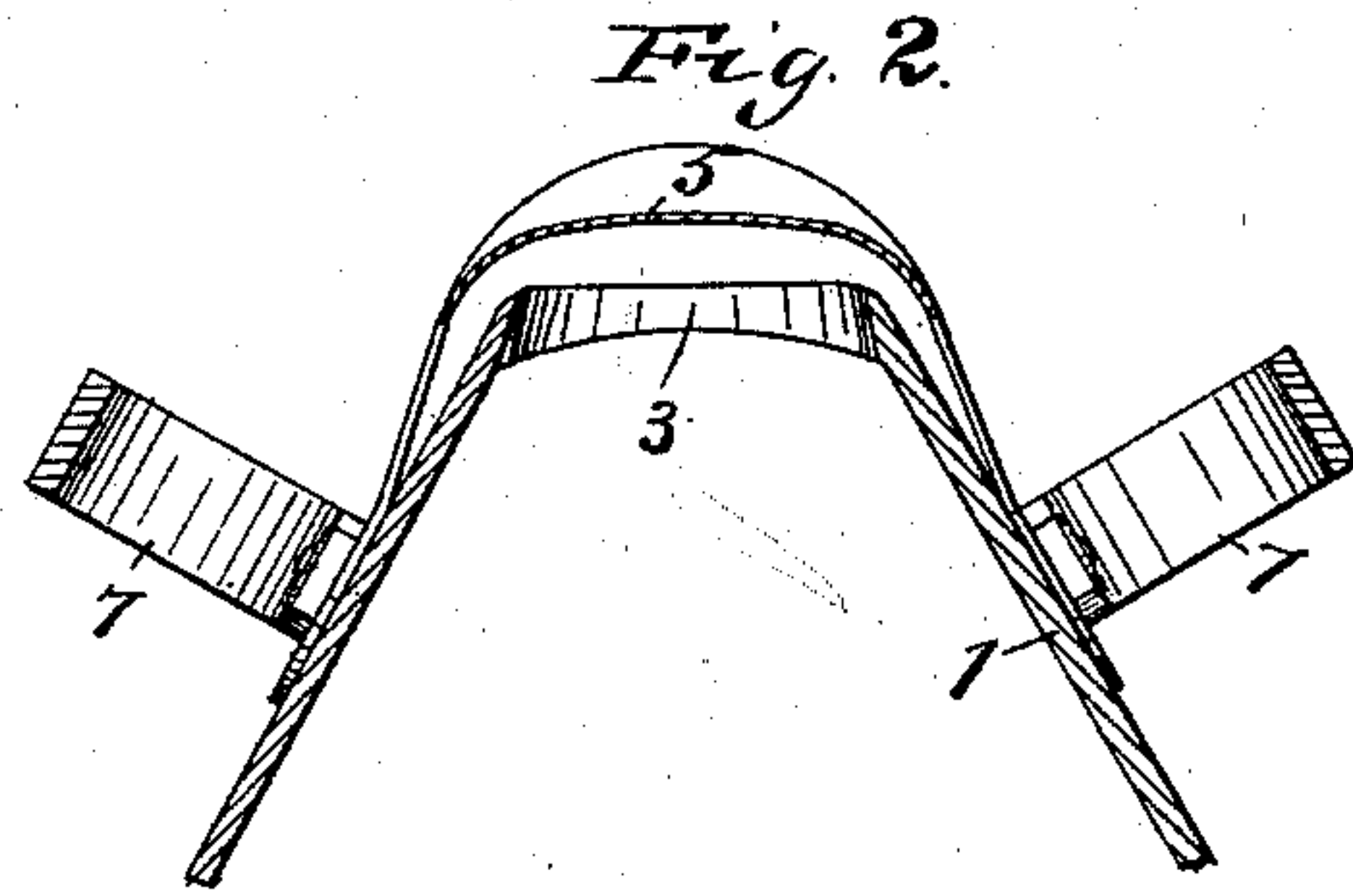
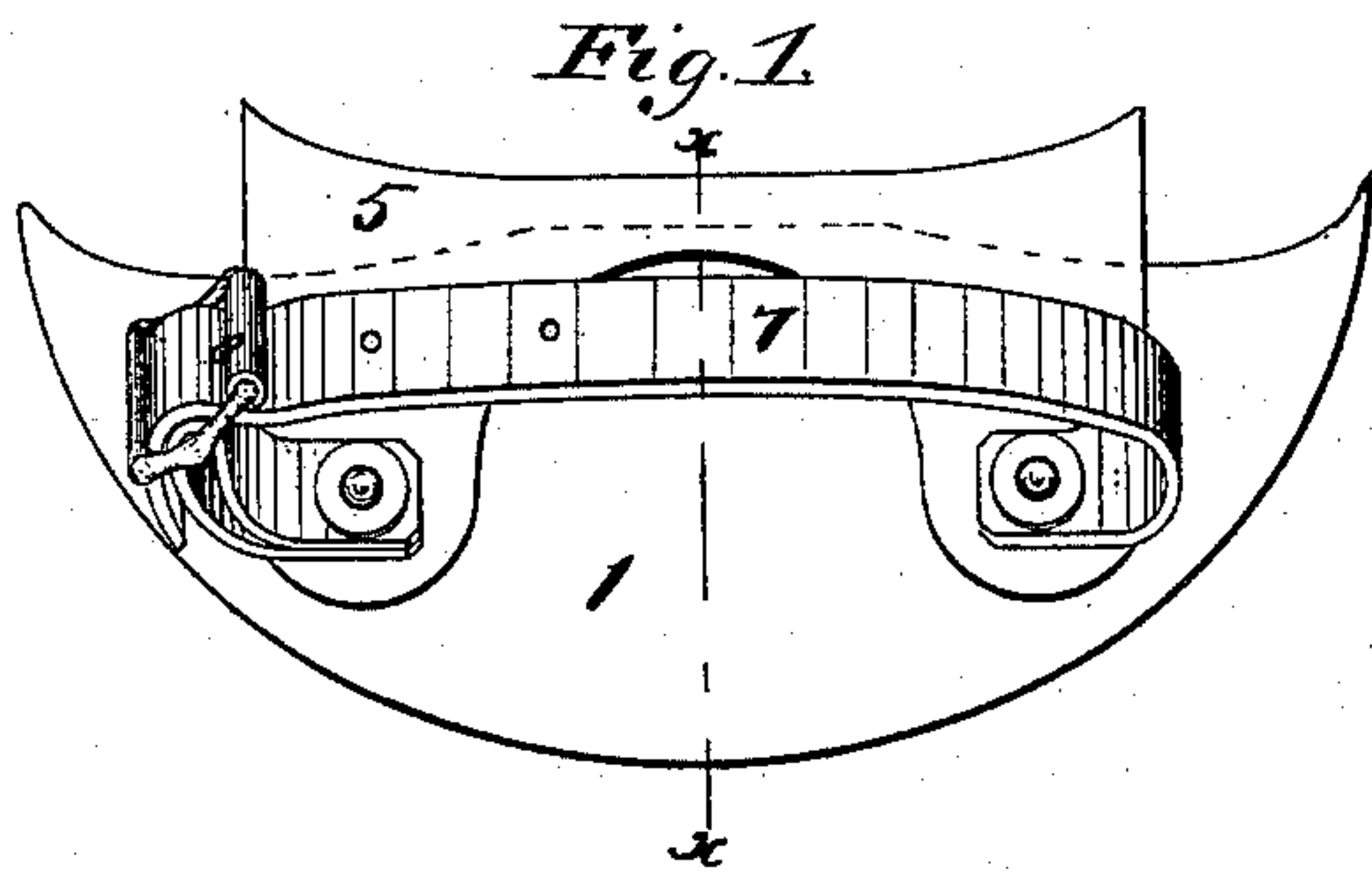


(No Model.)

M. HANSES & F. ROEPERT.
VENTILATED PAD.

No. 406,837.

Patented July 9, 1889.



WITNESSES.
A. M. Gaskill
Richard Paul

Inventors.
Michael Hanses
Frederic Roepert
By Paul & Merwin Attys

UNITED STATES PATENT OFFICE.

MICHAEL HANSES AND FREDERIC ROEPERT, OF LITCHFIELD, MINNESOTA;
SAID ROEPERT ASSIGNOR TO SAID HANSES.

VENTILATED PAD.

SPECIFICATION forming part of Letters Patent No. 406,837, dated July 9, 1889.

Application filed November 9, 1888. Serial No. 290,372. (No model.)

To all whom it may concern:

Be it known that we, MICHAEL HANSES and FREDERIC ROEPERT, of Litchfield, in the county of Meeker and State of Minnesota, have invented certain new and useful Improvements in Ventilated Pads, of which the following is a specification.

Our invention relates to improvements in a pad or support adapted to be inserted under any portion of a harness where the animal has become galled, or where from any reason it is desired to raise this portion of the harness from contact with the animal.

Our invention consists, generally, in the construction and arrangement hereinafter described, and pointed out in the claim.

In the drawings forming a part of this specification, Figure 1 is a side elevation of our improved pad. Fig. 2 is a cross-section taken on line *xx* of Fig. 1. Fig. 3 is a central longitudinal section of the same. Fig. 4 is a side elevation of a modified form. Fig. 5 is a side elevation and partial section of the same. Fig. 6 is a cross-section taken on a line *xx* of Fig. 4. Fig. 7 is a central longitudinal section of Fig. 4.

In the drawings, 1 represents the base or saddle, which is adapted to rest against the flesh of the animal, and may be made of any convenient size and conform in its shape to the part that it is to cover. An aperture 3 is formed in the center of the saddle and the material about the aperture is raised or bent upward to prevent the saddle from touching the flesh at this point and to avoid sharp corners.

While the saddle may be constructed of any suitable material, we prefer to use leather, which is readily formed, and is of sufficient stiffness to preserve its form and to hold its place. The aperture is covered by the cap 5,

of any suitable material, and is raised sufficiently above the aperture to allow free passage of air between it and the saddle, and completely covers the aperture.

Should the saddle require stiffening, the cap 5 may be made of metal, or as shown in the modified form in Figs. 4, 5, 6, and 7. If leather or other flexible material is used, the saddle is re-enforced or stiffened by the metallic strip 9, which supports the cap 5 and has its branches secured to the sides of the saddle, and is made to conform to the curvature of the cap.

The saddle may be made of any size or shape desired to fit and protect any portion of the body of the animal. When the pad is placed upon an animal that has become galled or has a sore, the aperture or cut-away portion will come over the sore, and will thus prevent the leather from bearing against the raw flesh. The aperture allows free ventilation of the affected part and the harness is supported upon the saddle, so that no pressure is allowed to come upon it, and it is kept cool and free from irritation.

Suitable straps 7 may be secured at each side of the saddle by which it can be readily attached to any part of the harness and held in place.

We claim as our invention—

The combination, with the saddle 1, having the open center 3, of the cap 5, secured to said saddle and raised above said open center, substantially as described.

In testimony whereof we have hereunto set our hands this 2d day of November, 1888.

MICHAEL HANSES.

FREDERIC ROEPERT.

In presence of—

J. ESBJORNSSON,

GEO. S. SHOLES.