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PATENTED AUG. 22, 1905.

E. H. PEARSON.
OBSTETRICAL PAD.

APPLICATION FILED FEB. 4, 1905.

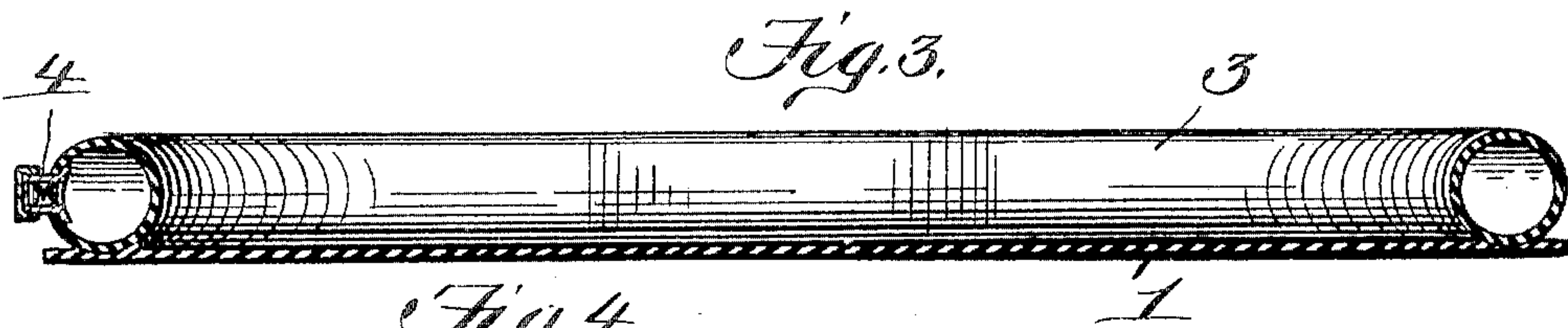
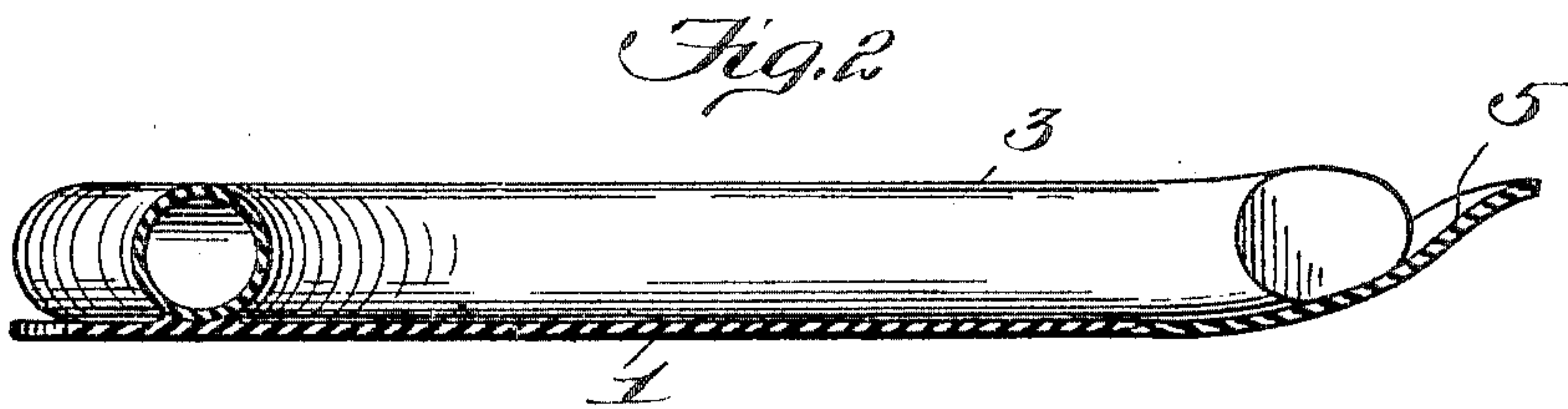
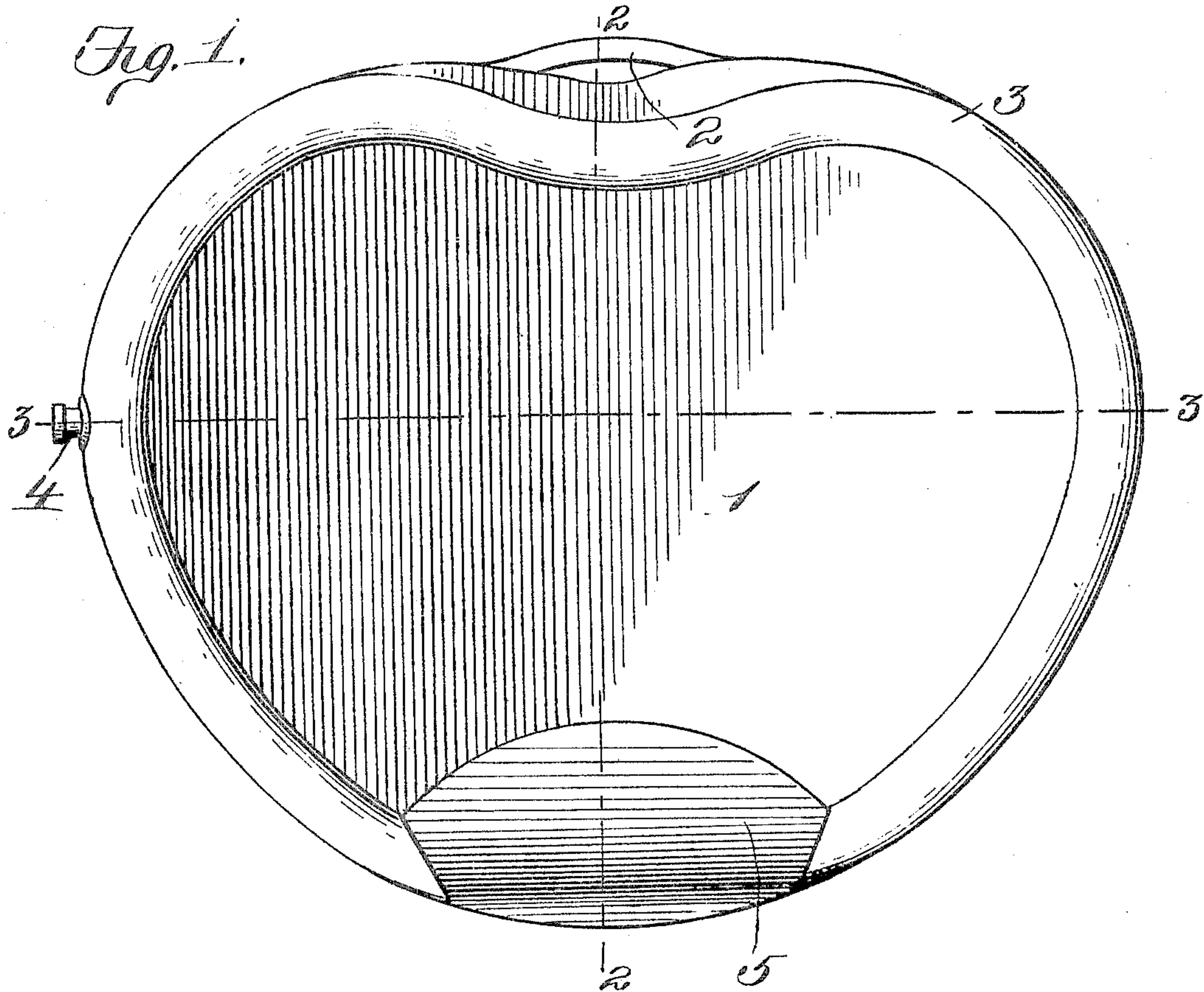
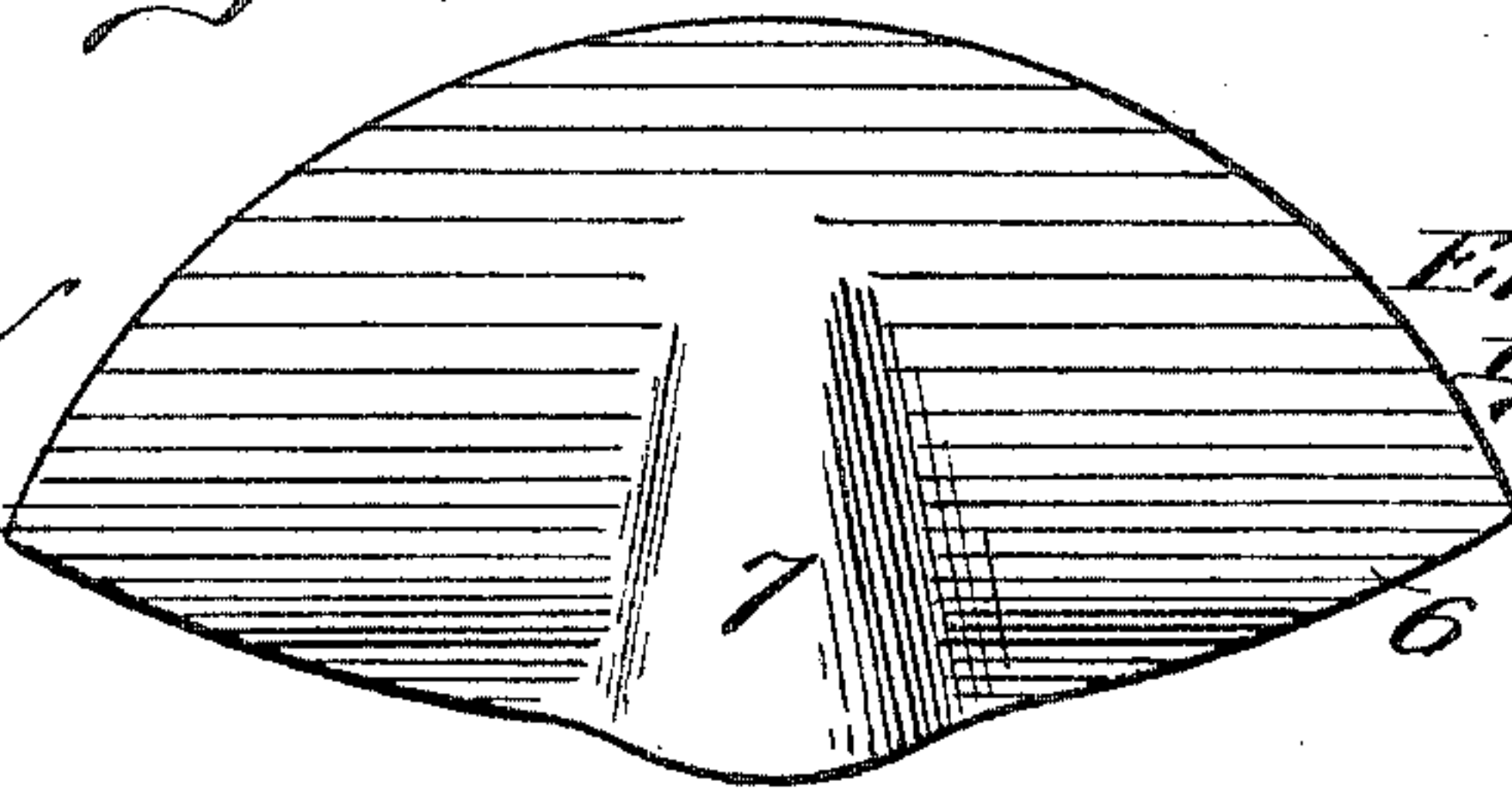


Fig. 4.

Witnesses:
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UNITED STATES PATENT OFFICE.

EMMELINE H. PEARSON, OF WASHINGTON, DISTRICT OF COLUMBIA.

OBSTETRICAL PAD.

No. 797,707.

Specification of Letters Patent.

Patented Aug. 22, 1905.

Application filed February 4, 1905. Serial No. 244,243.

To all whom it may concern:

Be it known that I, EMMELINE H. PEARSON, a citizen of the United States, residing at Washington, in the District of Columbia, have invented new and useful Improvements in Obstetrical Pads, of which the following is a specification.

This invention relates to bed-pads, and is particularly adapted to an obstetrical pad for use during confinement to prevent soiling the bedclothing and also when the patient is receiving vaginal douches.

The invention aims to provide a bed-pad for the purpose set forth that will be soft, easy, and non-irritating to any of the parts of the body of the patient with which it may come in contact and at the same time be constructed in such a manner that all of the parts can be thoroughly cleaned after use, and, furthermore, so constructed as to enable the ready removal by dumping off of all matters collected thereon during its use.

The invention further aims to provide a bed-pad which shall be simple in its construction, strong, durable, efficient in its use, readily emptied, and comparatively inexpensive to manufacture.

With the foregoing and other objects in view the invention consists of the novel construction, combination, and arrangement of parts hereinafter more specifically described, and illustrated in the accompanying drawings, wherein is shown the preferred embodiment of the invention; but it is to be understood that changes, variations, and modifications can be resorted to which come fully within the scope of the claims hereunto appended.

In the drawings like reference characters denote corresponding parts throughout the several views, and in which—

Figure 1 is a top plan of a bed-pad constructed in accordance with this invention. Fig. 2 is a section on line 2 2, Fig. 1. Fig. 3 is a section on line 3 3, Fig. 1; and Fig. 4 is a view of a modified form of lip.

Referring to the drawings by reference characters, 1 denotes the body of the pad, which is substantially heart-shaped in contour and provided with a hang-up 2 at one edge. The body 1 is preferably constructed of flexible material, such as thin rubber, and the point of the body is cut away in such a manner as to permit of the welding or otherwise securing to the body of a curvilinear lip to be hereinafter referred to, which forms a continuation of the body and acts as a dam.

The reference-numeral 3 denotes the rim of the pad, which is composed of flexible material, preferably rubber. The said rim is hollow to provide for inflation by a suitable medium, either air, gas, or water being used, which is admitted to the rim through the valved nipple 4, by which the ingress, egress, and amount of liquid or fluid is regulated. The rim is shaped to conform to the contour of the body and at its under side, approximately central thereof, is secured to the upper face of the body 1. The manner of securing the rim 3 to the body 1 should be such as to form an impervious joint, so that the matter collected in the pad when the latter is used will not pass between the rim 3 and body 1 and soil the bedclothing. The rim 3 extends around the margin of the body portion 1 to and has its ends project upon the margin of the upper face of the curvilinear lip, said lip to be hereinafter referred to. The ends of the rim are secured to the margin of the lip in the same manner as the rim is secured to the margin of the body 1.

The reference-numeral 5 denotes an upwardly-extending curvilinear lip, which is formed of rigid or stiff material, preferably vulcanized rubber, and has its inner edge welded or otherwise secured to the body 1, so as to form a smooth joint. The shape of the material which forms the lip is such as to form a continuation of the body 1, so as to give to the pad as an entirety a substantial heart shape. The lip 5 constitutes a dam for the space or opening between the ends of the rim, and in transverse section the lip is of reverse compound curvature, the curve extending upwardly at an inclination, so that the top of the lip will be as high, if not higher, than the top of the rim. Owing to the upward curvature of the lip the ends of the rim are raised somewhat, which has been found necessary to coact with the lip to form the dam to prevent the outflow of matter collected on the pad when the pad is used and under the patient.

In Fig. 4 of the drawings a modified lip is shown, and is indicated by the reference character 6. The modification consists in providing the lip centrally with a gutter 7; otherwise than as stated the lip shown in Fig. 4 is the same as that shown in the other figures of the drawings.

After the pad has been used it is emptied by elevating it, which causes the matter collected in the pad during its use to pass off over the curvilinear lip into any suitable receptacle.

The employment of the lip in combination with the body and rim in the manner shown and described greatly facilitates the cleaning of the pad after its use as discharge-pipes. Sharp angles or other obstacles which would collect obnoxious matters are entirely dispensed with.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A bed-pad comprising an enlarged flat flexible body portion, an upwardly-extending rigid lip projecting away from said body por-

tion and of compound curvature, and an inflatable rim conforming in contour with the body portion, extending partly around the same and having the ends thereof secured to the margin of the upper face of the lip.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

EMMELINE H. PEARSON.

Witnesses:

N. L. BOGAN,
GEO. W. REA.