

O. CZARAN.
CATAMENIAL APPLIANCE.
APPLICATION FILED NOV. 9, 1912.

Patented Feb. 4, 1913.

2 SHEETS—SHEET 1.

1,052,218.

Fig. 2.

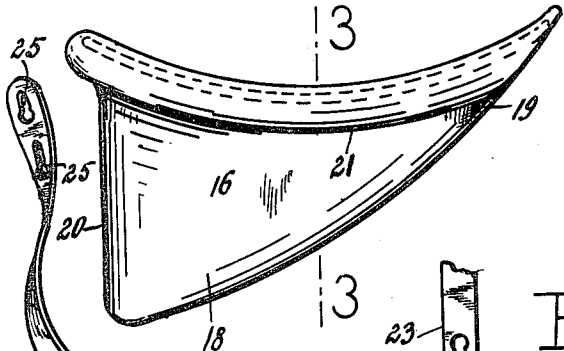


Fig. 3.

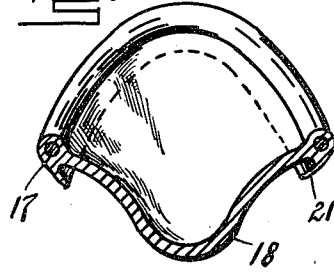


Fig. 1.

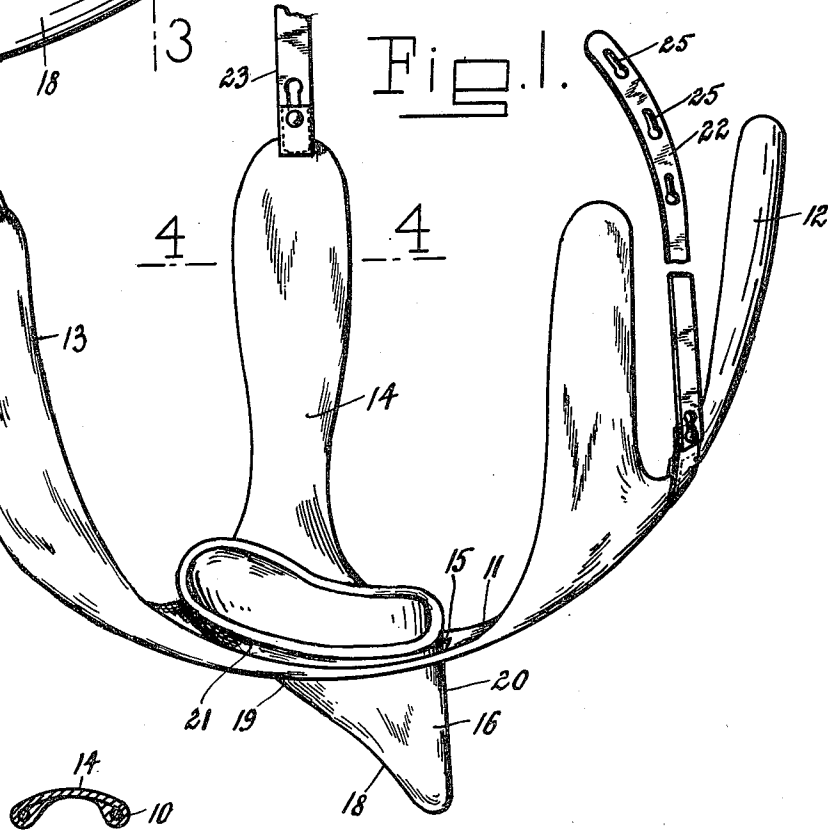
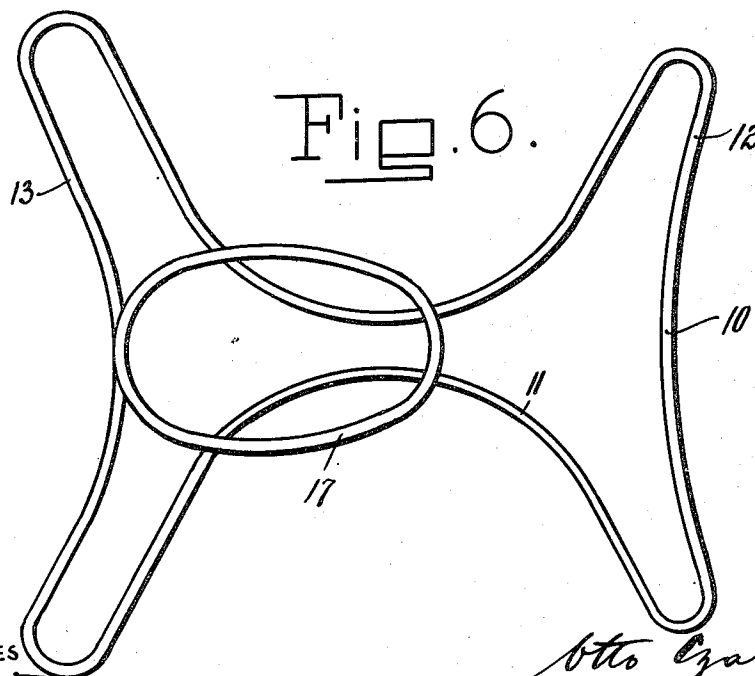
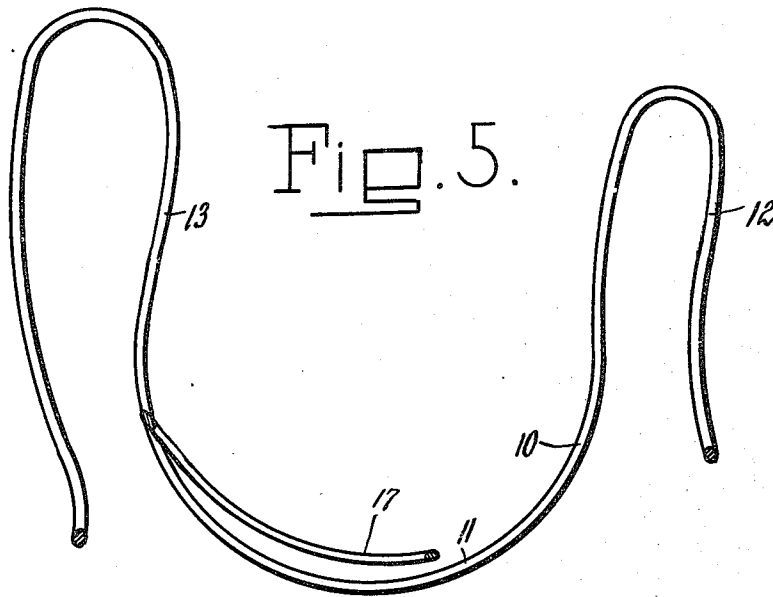


Fig. 4.

WITNESSES
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1,052,218.



WITNESSES

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UNITED STATES PATENT OFFICE.

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CATAMENIAL APPLIANCE.

1,052,218.

Specification of Letters Patent.

Patented Feb. 4, 1913.

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To all whom it may concern:

Be it known that I, OTTO CZARAN, a subject of the King of Hungary, and resident of the city of New York, in the county of Queens and State of New York, have invented certain new and useful Improvements in Catamenial Appliances, of which the following is a specification.

The present invention relates to catamenial appliances or bandages, and has for one of its objects to provide a device of this character which is thoroughly efficient in use, comfortable to the wearer and which may be readily adjusted to the person of the wearer in such a manner as to obviate discomfort.

Another object of the invention is to provide a device of this character with a catamenial sack which is yieldingly or resiliently held against the vulva so as to prevent chafing and uneasiness.

With these and other objects in view, which will more fully appear as the nature of the invention is better understood, the same consists in the combination, arrangement and construction of parts hereinafter fully described, pointed out in the appended claims and illustrated in the accompanying drawings, it being understood that many changes may be made in the size and proportion of the several parts and minor details of construction within the scope of the appended claims without departing from the spirit or sacrificing any of the advantages of the invention.

One of the many possible embodiments of the invention is illustrated in the accompanying drawings, in which:—

Figure 1 is a perspective view of a catamenial appliance constructed in accordance with the present invention; Fig. 2 is a side elevation of the sack forming part thereof; Fig. 3 is a section taken on line 3—3 of Fig. 2; Fig. 4 is a section taken on line 4—4 of Fig. 1; Fig. 5 is a central vertical section taken through the frame of the appliance; and Fig. 6 is a plan view of said frame.

In the drawings, the numeral 10 indicates the supporting frame of the appliance, said frame being, preferably, made of a single piece of wire, which is pliable or flexible so that it can be bent or shaped to correspond to the person of the wearer. The frame is substantially I-shaped, the shank 11 thereof being curved to conform to the perineal regions of the body, and the heads 12 and 13

being bent upward in such a manner that the two parts of the front head 12 are adapted to bear against the lower anterior abdominal wall of the wearer, while the two parts of the rear head 13 abut against the back part of the body. The shank 11 and so also the heads 12 and 13 are of substantial width, as clearly shown in Figs. 5 and 6, this being due to the fact that the substantially parallel portions of the strand of wire are kept at a distance from each other. The supporting frame so made is covered with a non-absorbent and moisture-proof material 14. This covering is provided in the shank portion 11 of the frame with a longitudinal slot 15. In this slot is held the catamenial sack 16.

The sack 16 comprises a wire frame 17 of elliptical shape, from which depends a flexible sack 18, preferably made of rubber. The wire frame 17 is embedded in the mouth portion of the sack, which latter tapers from its rear end 19 toward its front portion 20, which is straight, as clearly shown in Figs. 1 and 2 of the drawings. The sack is of a considerable depth and may contain, if found necessary, an absorbent material for the well known purpose. Upon the outer face of the sack is formed around its mouth portion a depending flap 21 which prevents chafing and discomfort to the wearer. The sack projects a substantial distance above the supporting frame, its flexible and resilient material being attached in any manner known in the art to the covering 14 of said frame. Due to this fact, the mouth portion of the sack is yieldingly supported, whereby discomfort to the vulvar section of the body is obviated. The wire frame 17 of the sack holds the mouth portion thereof permanently in an open position, and the resiliency of the material of the sack tends to force the same continuously against the said vulvar portion so that the excretion will in all positions of the wearer enter the sack and be incorporated by the absorbent material therein.

To hold the structure upon the body, a front strap 22 is secured at its end to the front part of the supporting frame and rear straps 23 to the rear part thereof. The upper ends of these straps are provided with a plurality of slots 25, 25, which are adapted to be brought into engagement with studs upon a corset or hip form of female personal wear. Adjustment as to length of the

straps is provided for, inasmuch as there are formed in the upper end of each strap a number of slots.

It should be observed that the supporting frame is adjustable to the body of the wearer. The distance between the head portions 12 and 13 upon each side of the frame corresponds to the thickness of a normal leg; such distance can be varied by bending the head portions away from or toward each other. A bending of the heads at an angle to the above adjustment will bring the front heads 12 and the rear heads 13 in proper relation to the anterior abdominal wall and back of the body of the user.

What I claim is:—

1. In an appliance as described, a supporting frame made of a single piece of wire having a shank portion conforming to the perineal section of a human body and heads adapted to bear against the anterior abdominal wall and the back part thereof, respectively, a covering upon said frame provided with a slot in the shank portion of said frame, and a sack arranged in said slot having its yielding mouth portion projecting above the upper face of said covering.

2. In an appliance as described, a supporting frame made of a single piece of wire having a shank portion conforming to

the perineal section of a human body and heads adapted to bear against the anterior abdominal wall and the back part thereof, respectively, a covering upon said frame provided with a slot in the shank portion of said frame, a sack arranged in said slot having its yielding mouth portion projecting above the upper face of said covering, and a rigid frame embedded in said mouth portion.

3. In an appliance as described, a supporting frame made of a single piece of wire having a shank portion conforming to the perineal section of a human body and heads adapted to bear against the anterior abdominal wall and the back part thereof, respectively, a covering upon said frame provided with a slot in the shank portion of said frame, a sack arranged in said slot having its yielding mouth portion projecting above the upper face of said covering, a rigid frame embedded in said mouth portion, and a resilient flap depending from said mouth portion at the outer face of said sack.

Signed at New York, in the county of New York and State of New York, this 2nd day of November, A. D. 1912.

OTTO CZARAN.

Witnesses:

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