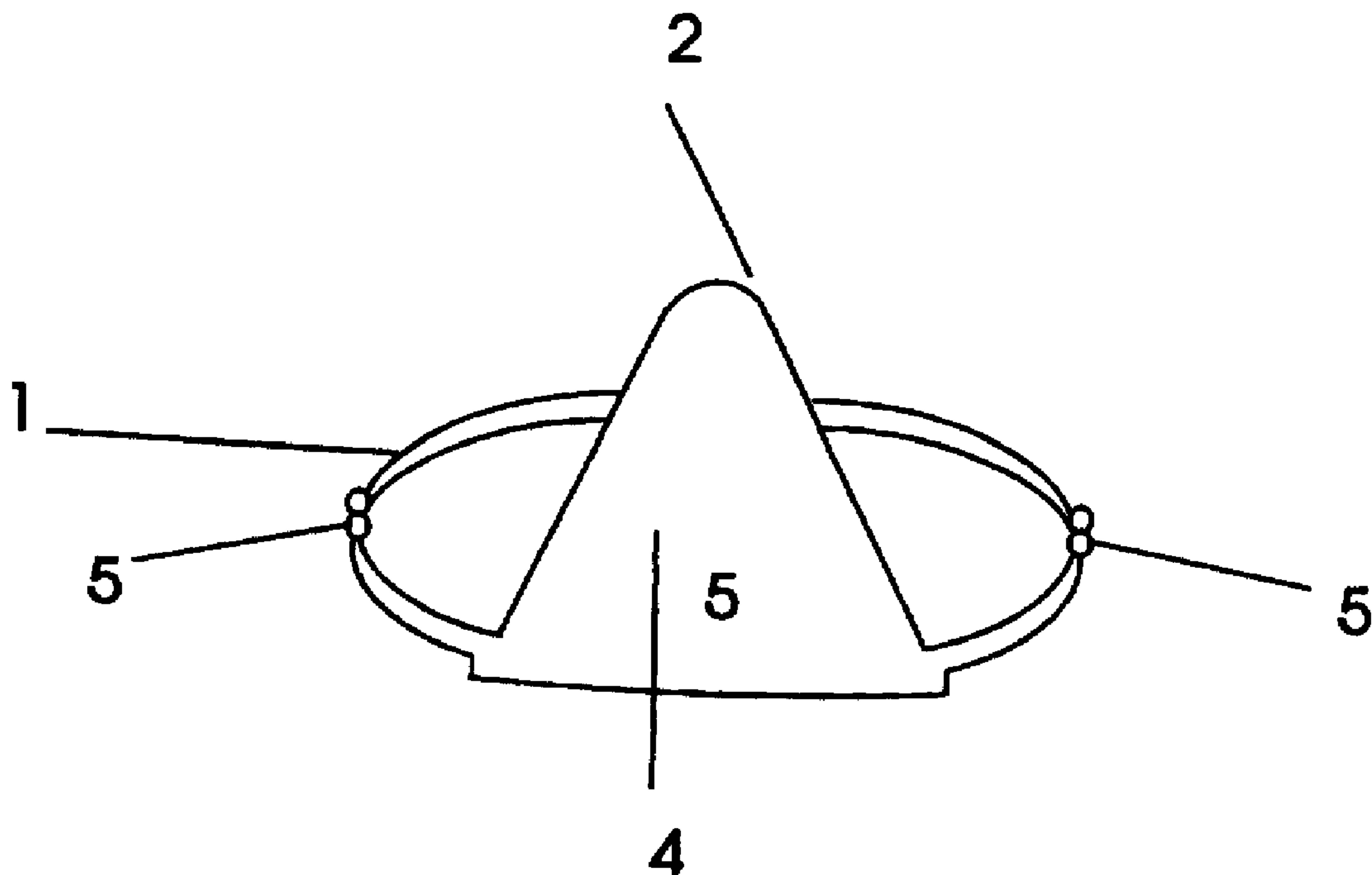




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(54) Title: PENILE RING



(57) Abrégé/Abstract:

A device for preventing or reducing premature ejaculation in men comprises a ring which fits around the penis with a triangular shaped desensitising strip which is held against the penis and which has a beaded surface in contact with the penis. The device is worn and results in desensitisation.



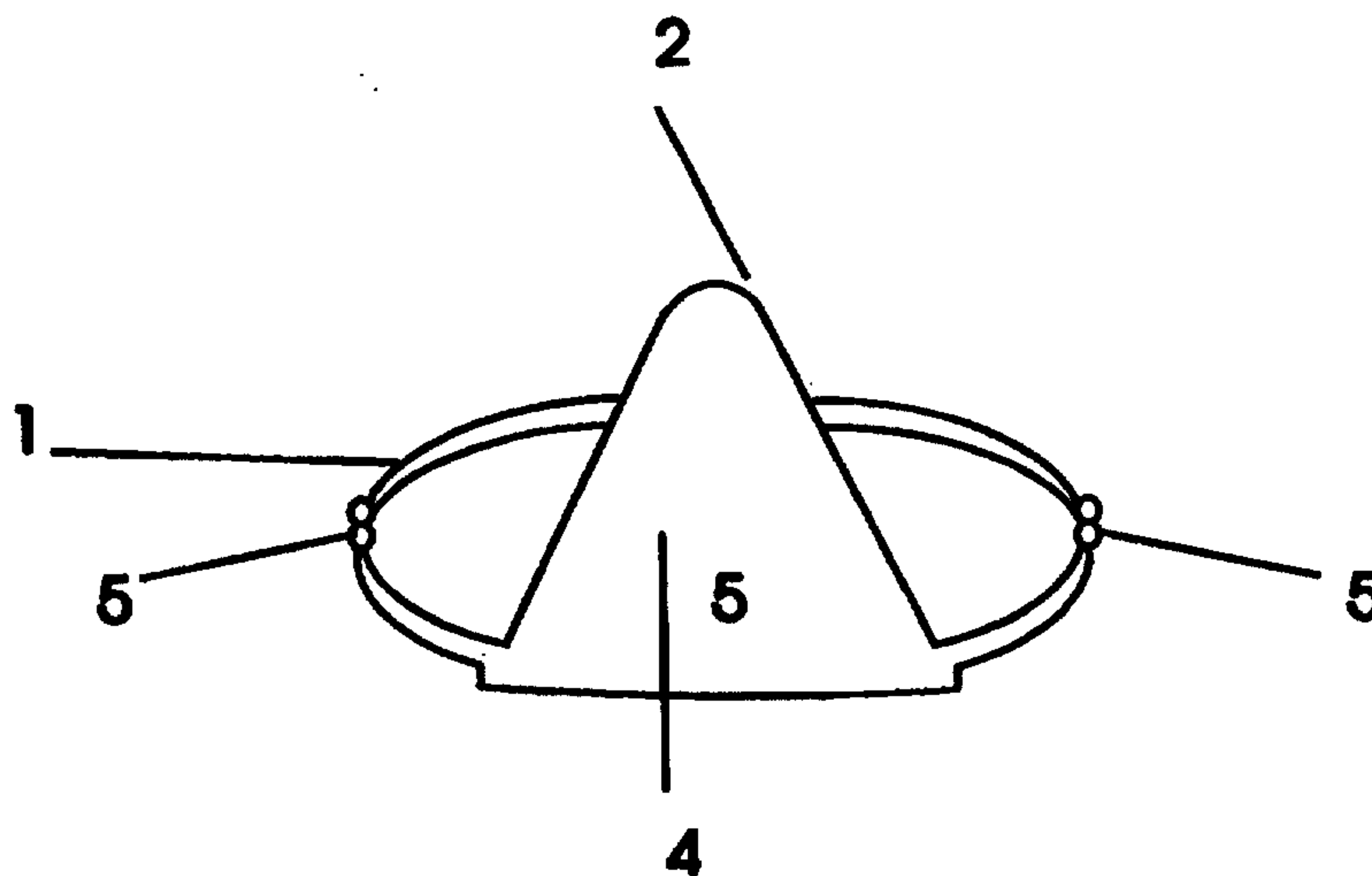
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(54) Title: PENILE RING**(57) Abstract**

A device for preventing or reducing premature ejaculation in men comprises a ring which fits around the penis with a triangular shaped desensitising strip which is held against the penis and which has a beaded surface in contact with the penis. The device is worn and results in desensitisation.



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Penile Ring

The present invention relates to a device which is an aid for dealing with premature ejaculation in men. Premature ejaculation is a problem which is encountered in
5 psychosexual clinics and results in the man reaching orgasm and ejaculating before or immediately after penetration.

There are various treatments which have been tried with varying effectiveness. One current treatment is the Squeeze (Semman Technique) in which coitus is
10 interrupted and the glans of the penis is squeezed. This technique gives varying results and its effectiveness has been questioned and is not very satisfactory.

Drug treatments have been tried and antidepressant drugs and anti psychotic drugs have been used. These drugs are expensive to provide on a continuing basis and there
15 can be side effects and other risks associated with taking such drugs.

I have now devised a device for assisting in overcoming premature ejaculation.

According to the invention there is provided a desensitising ring structure which
20 comprises a ring section adapted to fit over a penis which ring section has attached to it a desensitising section which is substantially in the shape of a triangle with the base of the triangle attached to the ring section which desensitising section has a substantially smooth external surface and a substantially beaded internal surface and which, when the ring section is placed on a penis the desensitising section is held in
25 contact with the ventral aspect of the base of the glans of the penis.

The ring can be fitted over the penis manually or by means of a suitable applicator; the applicator can be of any suitable shape or form and the ring structure can be detachably attached to the applicator or the structure can be provided associated with
30 the applicator.

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The ring section can have a means to adjust its size and/or it can be stretchable to enable it to expand when it is placed on a penis.

- 5 The triangular shaped section and if flexible the ring is preferably made of a flexible material such as a plastics material, rubber or rubberised material a silicone material.

Any suitable biologically inert flexible material of the above types can be used.

- 10 The ring section can be made of any biologically inert material and can be made of the same material as the triangular shaped section. In one embodiment the ring and the triangular shaped section are made as one unit. In another embodiment of the invention the triangular shaped section is attached to the ring section separately e.g. by gluing, welding etc.

15

By internal and external is meant with regard to the ring i.e. the internal surface of the triangular shaped section faces towards the centre of the ring and the external surface faces away from the centre of the ring so that in use the beaded section is held in contact with the base of the glans or indeed any part along the whole length of the

20 penis.

The triangular shaped section need not be in the exact shape of a triangle e.g. it can have rounded corners etc. and the sides need not be exactly straight.

- 25 The beaded section is made so that it is bumpy i.e. it is not smooth so that it would not injure the skin of the penis but will provide stimulation when in contact with the penis. The beading can be in the form of ribs, bumps, raised sections, wavy lines etc. The aim of the stimulation is to desensitise this particularly sensitive part of the penis.

- 30 In use the ring section is placed over the penis, either manually or by means of an

- 3 -

applicator with the apex of the triangular shaped section facing away from the base of the penis. The triangular section can be rigid or semi-rigid and it can be reinforced with other added material. In one embodiment there can be an extension which extends below the ring or band which can act as a stabiliser and can prevent the ring
5 from turning inwards or outwards in use.

The device can be supplied separate from an applicator or with a detachable applicator. The device is worn at the base of the glans with the beaded surface in contact with the penis so that the small triangle at the anterior (ventral or lower)
10 aspect of the penis is covered and this rubs against the beaded surface so as to desensitise this part of the glans. The device can be worn during or before intercourse and/or it can be worn for a longer period during the day or for masturbation.

If the device is to be worn during the day the ring can be made so that its width is
15 adjustable rather than provide a tight constriction or it can be made flexible.

The device or the ring section can be actuated e.g. mechanically or electrically so that it can vibrate.

20 The device operates by reducing sensitisation and thus reducing the tendency to premature ejaculation.

The device is illustrated in the accompanying drawings in which:-

25 Fig. 1 is a view of the outside of the device

Fig. 2 is a view of the inside of the device

Fig. 3 is a side view of the device and

Fig. 4 is a view of the device in use

Figs. 5 and 6 are views of a device in which the ring can extend for a longer distance
30 and

- 4 -

Figs. 7 and 8 are views of a further embodiment of the invention.

The device comprises a ring section (1) made of flexible, stretchable material which has attached to it a triangular shaped desensitising section (2). The inside surface of (2) is beaded or bumpy (3) and the outside surface (4) is smooth. In fig. (3) an embodiment is illustrated in which there is a size adjustment means (5) such as a “Velcro” (RTM) join or a buckle /pin mechanism so that the size of the ring can be adjusted.

Referring to figs. 3 and 4, in use the ring is placed over a penis (6) with the triangular shaped section (2) fitting into the small triangle (7) at the anterior (ventral or lower) aspect of the penis with the beaded surface (3) in contact with the glans and the outside surface (4) facing outwards. Optionally there can be a thickening of the ring or a protrusion in order to facilitate holding or gripping the flexible ring.

15

In the embodiment of figs. 5 and 6 the band (8) device can extend a longer distance along the penis.

Referring to figs. 7 and 8, there is an extension (10) which extends downwards from the ring or band (1) and which in use helps to stabilise the device and prevents the ring from turning inwards or outwards.

20

The device of the invention tends to de-sensitise the penis and reduce the tendency to premature ejaculation.

- 5 -

CLAIMS:

1. A desensitising ring structure which comprises a ring section adapted to fit over a penis which ring section has attached to it a desensitising section which is substantially in the shape of a triangle with the base of the triangle attached to the ring section which desensitising section has a substantially smooth external surface and a substantially beaded internal surface and which, when the ring section is placed on a penis the desensitising section is held in contact with the ventral aspect of the base of the glans of the penis.
2. The ring structure as claimed in claim 1 in which there is an adjustment means which can adjust the size of the ring section.
3. The ring structure as claimed in claim 1 or 2 in which the ring section extends at least part or whole of the distance from the base of the glans to the whole length of the penis.
4. The ring structure as claimed in any one of claims 1 to 3 in which the triangular shaped desensitising section is made of a biologically inert flexible material.
5. The ring structure as claimed in any one of claims 1 to 4 in which the ring section and the desensitising section are made as one unit.
6. The ring structure as claimed in any one of claims 1 to 4 in which the desensitising section is attached to the ring separately.
7. The ring structure as claimed in any one of claims 1 to 6, which can be electrically or mechanically actuated so that it can vibrate.
8. The ring structure as claimed in any one of claims 1 to 7 in which the beaded section is made so that it would not injure the skin of the penis but will provide stimulation when in contact with the penis either mechanically by rubbing or by vibrating.

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9. The ring structure as claimed in any one of claims 1 to 8 in which the beading is in the form of ribs, bumps, straight, wavy or zigzag lines or other raised section.

10. The structure as claimed in any one of claims 1 to 9 in which the triangular section is rigid or semi-rigid and the ring is flexible.

11. The structure as claimed in any one of claims 1 to 10 in which there is a stabilising extension which extends downwards from the ring in a direction substantially opposite to the direction of the triangular section, which stabilising section tends to prevent the ring from turning inwards or outwards during use.

12. The structure as claimed in any one of claims 1 to 11 which is adapted to be fitted manually over the penis.

13. The structure as claimed in any one of claims 1 to 11 which is adapted to be fitted over the penis by means of an applicator.

14. The ring structure as claimed in claim 13 which is detachably attached to an applicator.

15. The ring structure as claimed in claim 13 together with an applicator.

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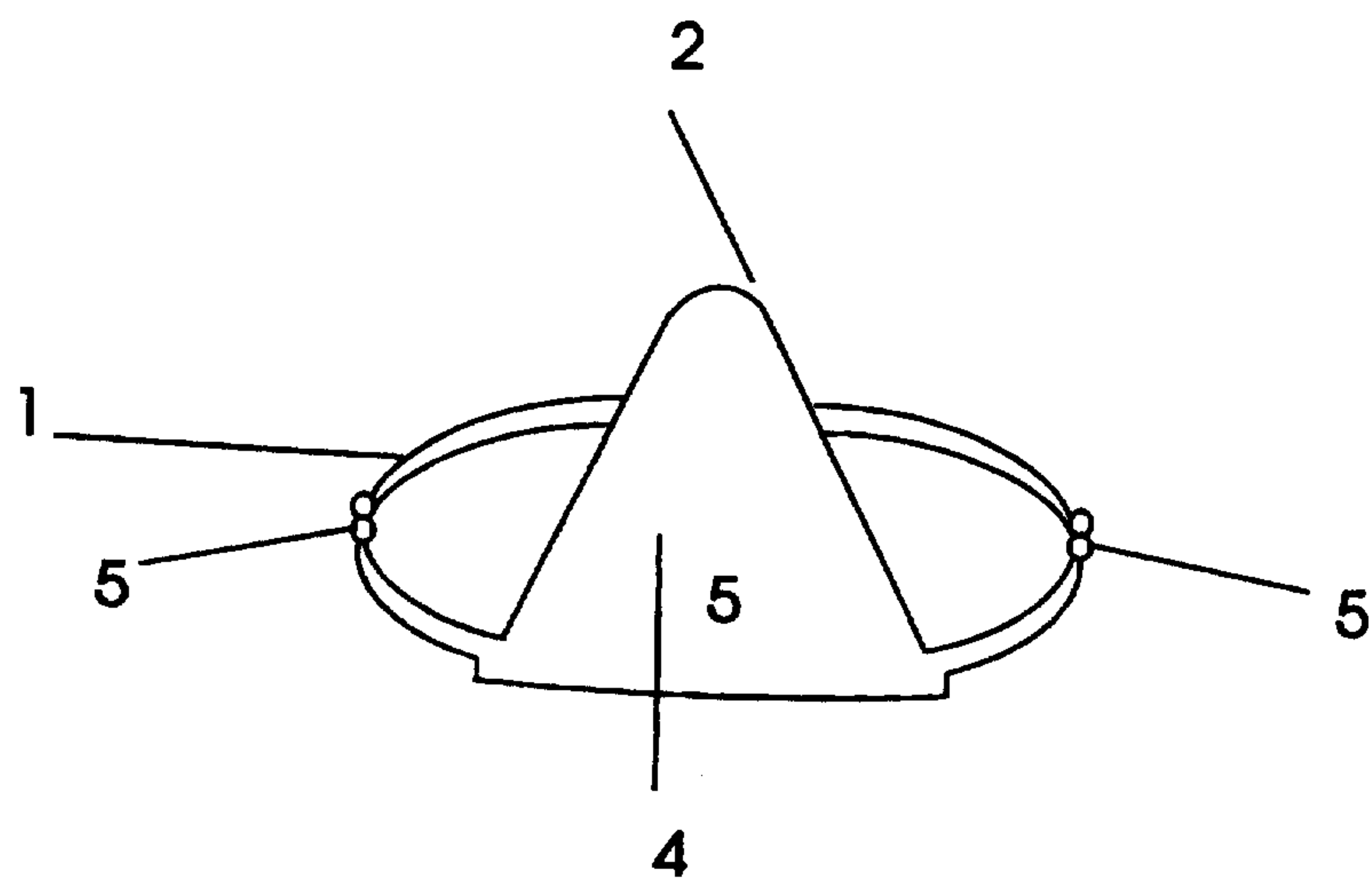


Fig. 1

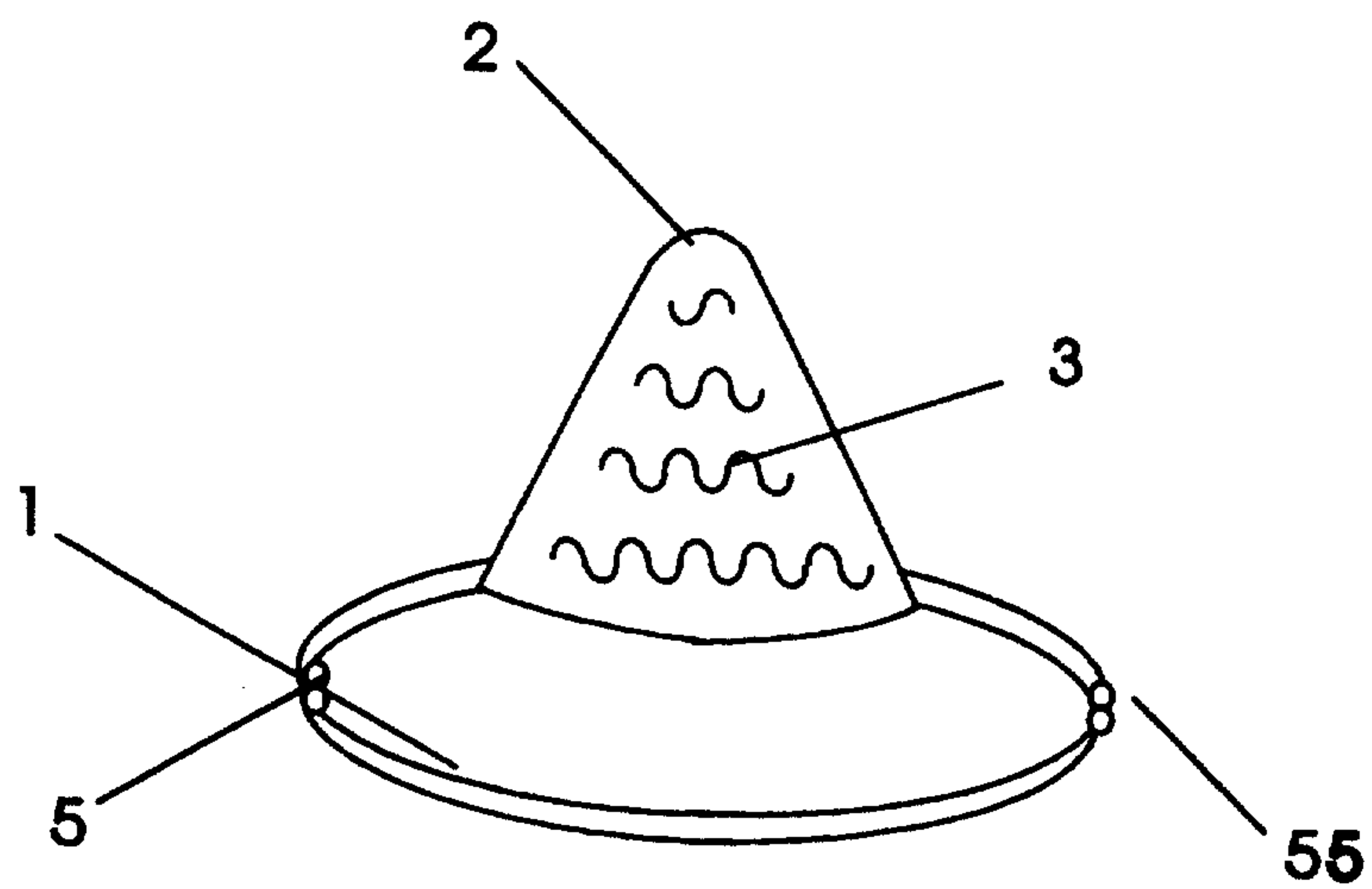


Fig. 2

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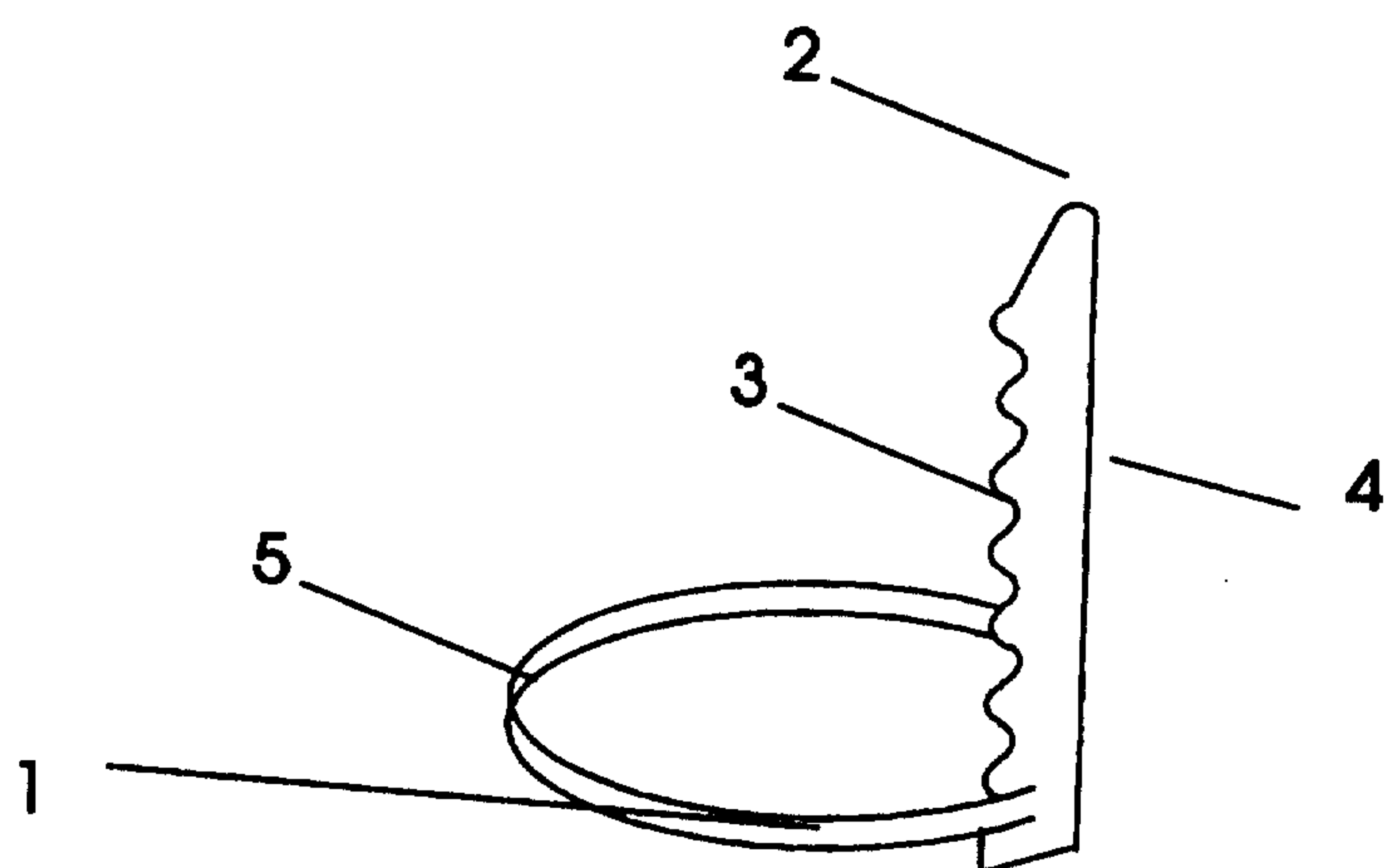


Fig. 3

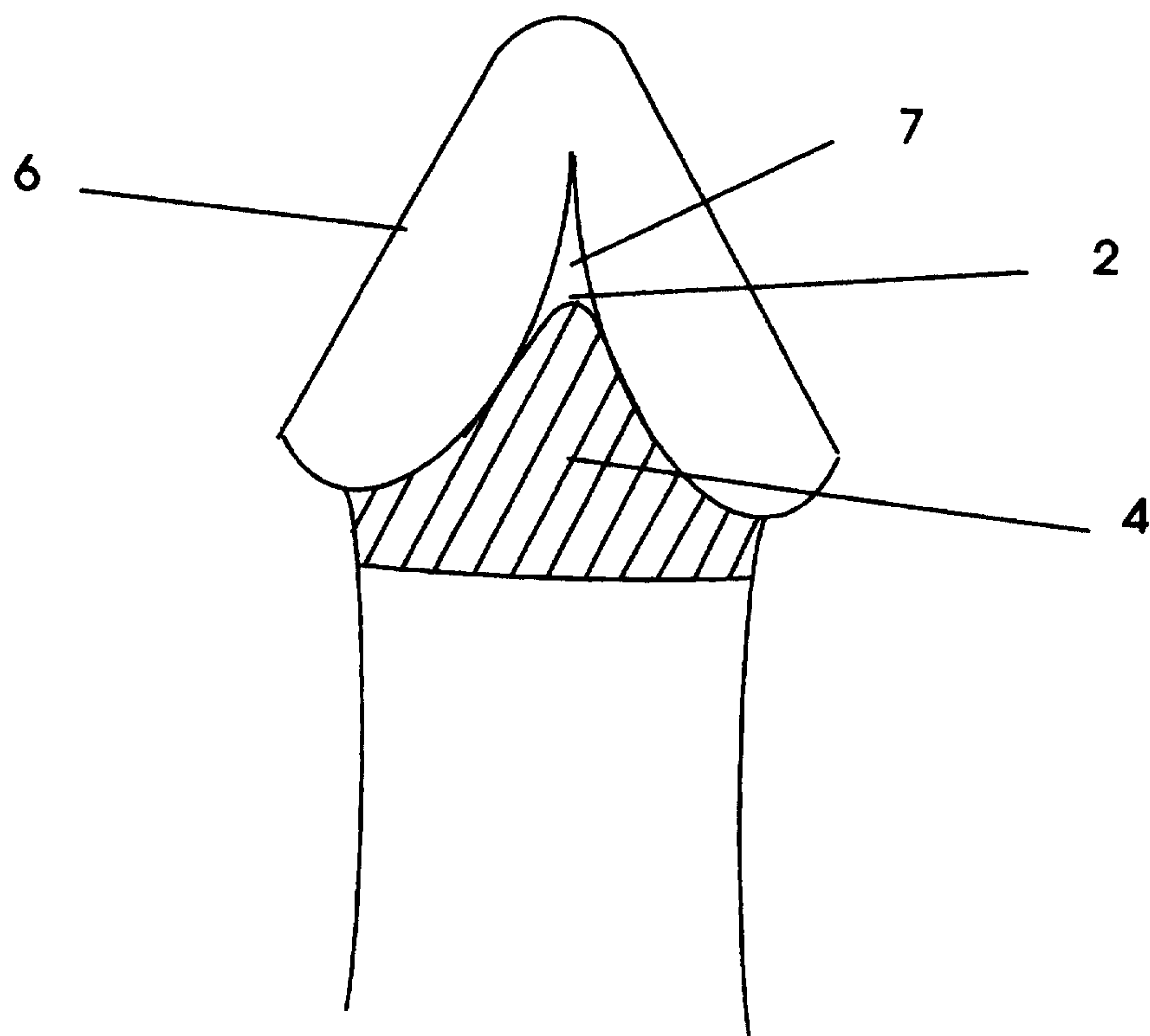


Fig. 4

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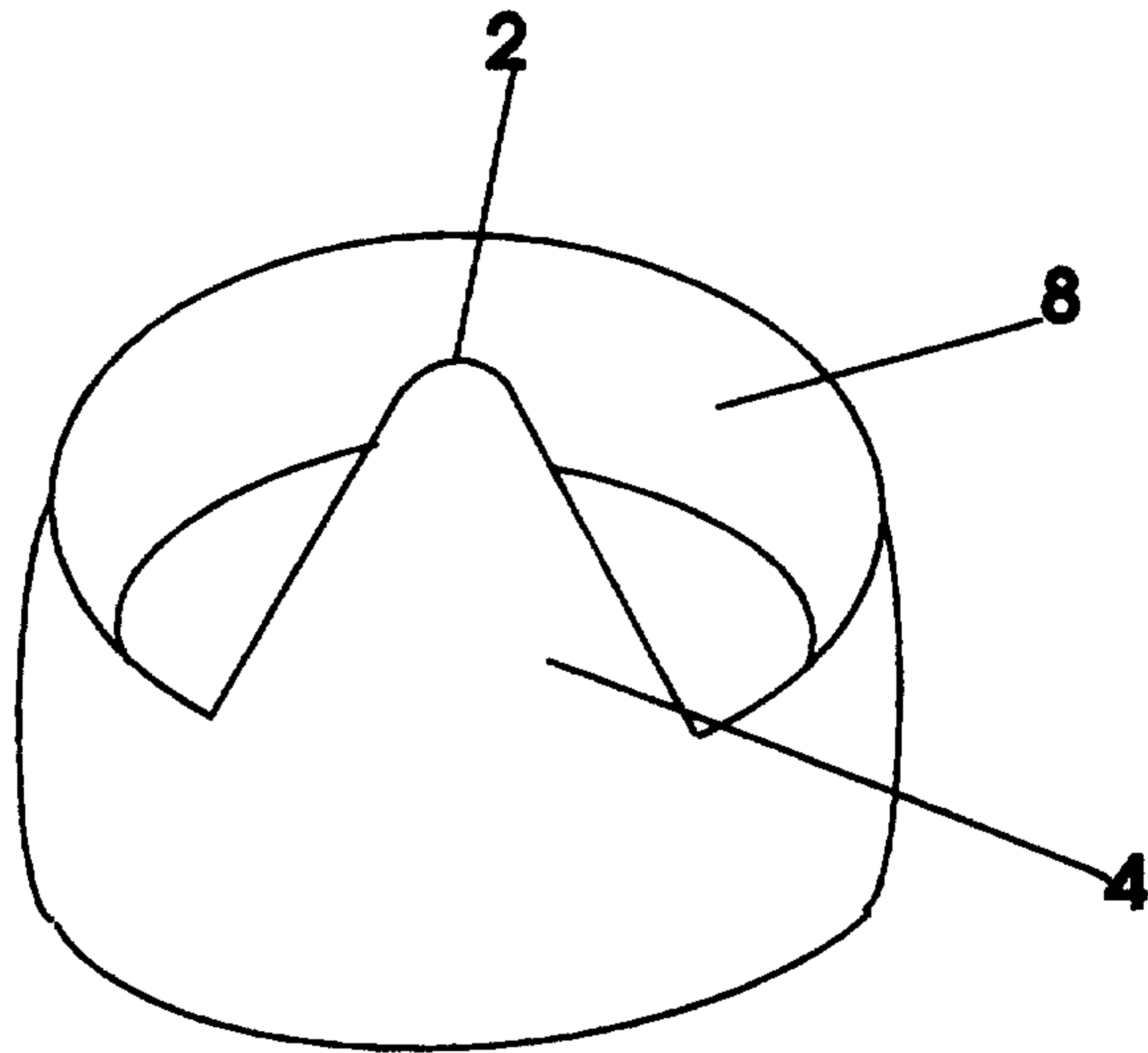


Fig. 5

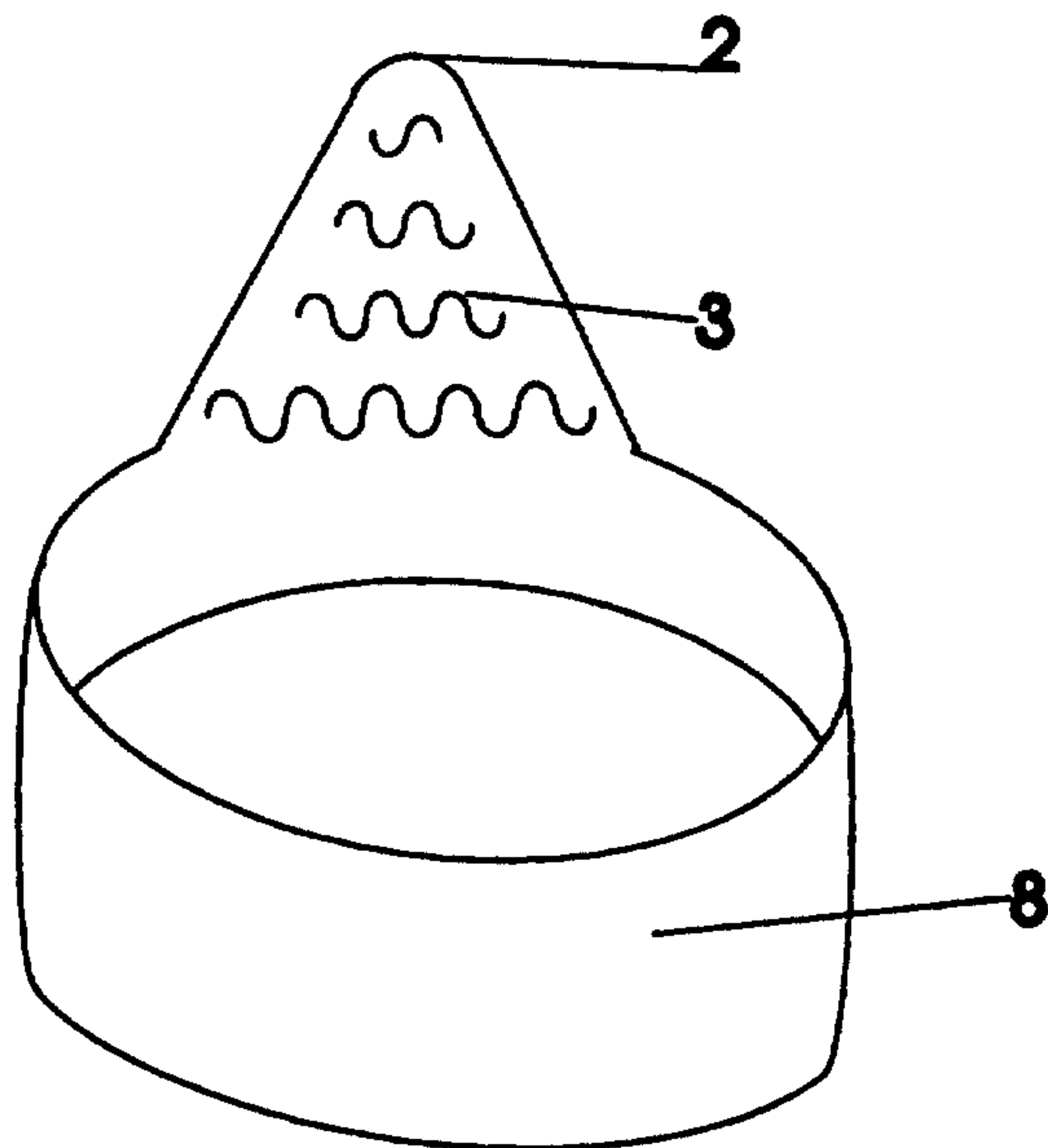


Fig. 6

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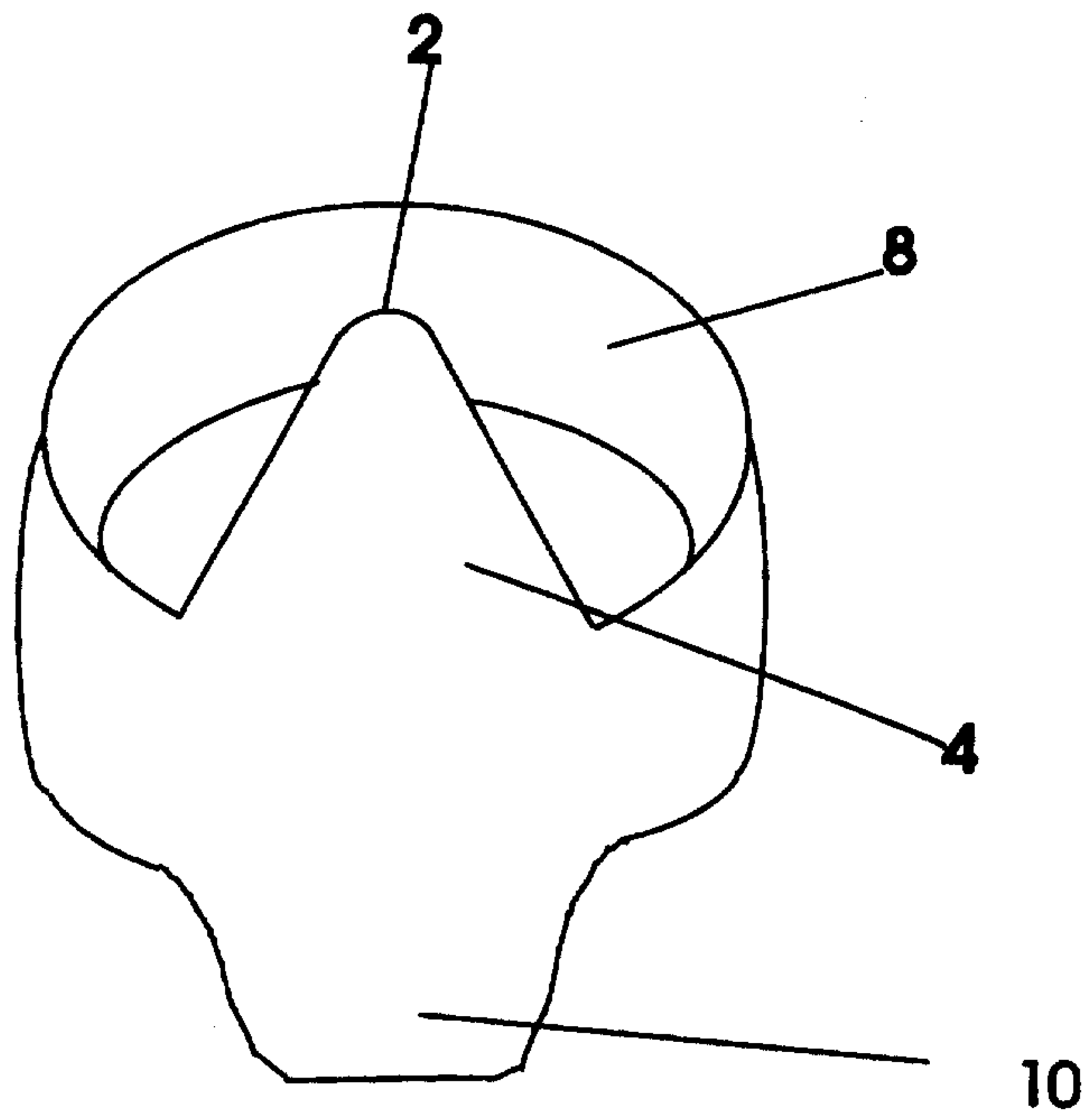


Fig. 7

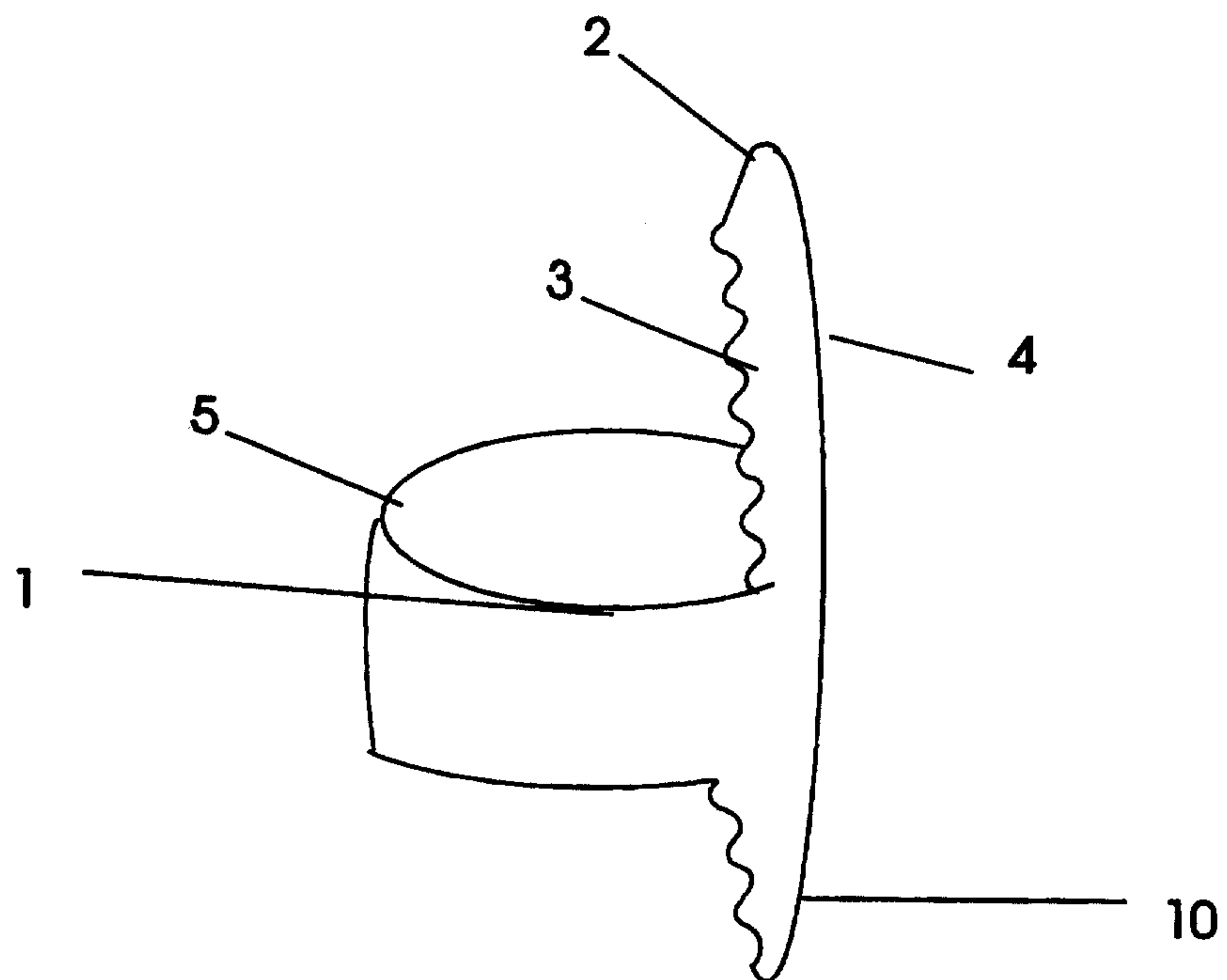


Fig. 8

