

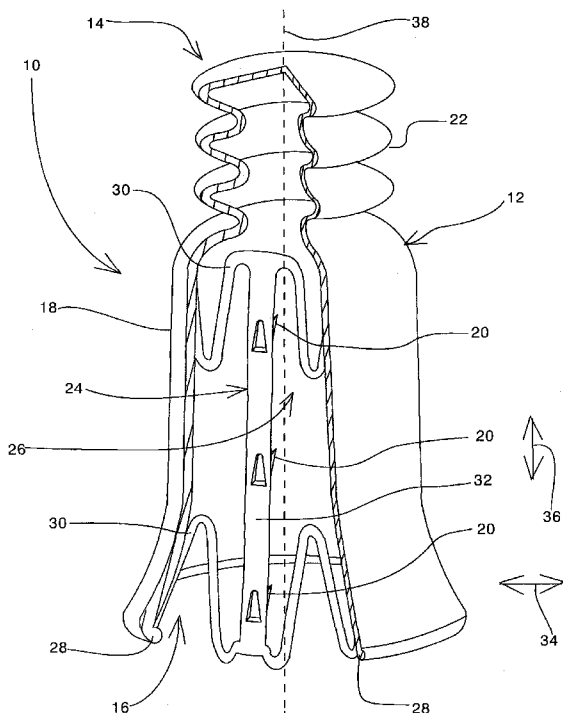


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(54) Title: RAPIST IDENTIFIER CUM RAPE VICTIM PROTECTOR



(57) Abstract: A rapist identifier cum rape victim protector 10 comprises a flexible sheath 12 of liquid impermeable condom type substance that is divided into a tissue attachment means carrying section 18 extending from a mouth 16 and a concertina effect formed inner end section 22. Attachment means in the form of tines 20 are carried along a carrier base 24 that is constituted from zigzag formed coaxially arranged members 30 that are spaced apart by linear spacers 34 from which the tines 20 extend. The tines 20 and base 24 from a carrier body 26 that forms part of the section 18 to the effect of enabling its expansion once exposed to an action of sheath penetration. The tines 20 are formed to require professional assistance for the release of the identifier cum protector 10 once having become attached to a penetrating member. The lengths and extent of slanting of the tines 20 are selected to limit any body threatening injury to a perpetrator so exposed.

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(1) TITLE OF THE INVENTION

RAPIST IDENTIFIER CUM RAPE VICTIM PROTECTOR

(2) BACKGROUND TO THE INVENTION

The tracing of the committers of sexual crimes and especially rape is often a difficult task as no
5 hidden motive can often be identified that can be used for investigation. As a result the
perpetrators of such offences can be emboldened and proceed with a whole campaign before
being caught. Being caught early on in a campaign will serve the end of justice while it will also
deter would be perpetrators from committing such acts.

(3) FIELD OF THE INVENTION

10 This invention relates to a sexual misconduct perpetrator identifier for use in identifying a sexual
misconduct involving perpetrator. In addition to serving an identifying function the equipment
can preferably also serve a protecting function thus being in the form of a sexual misconduct
perpetrator identifier cum victim body protector. While not so limited the invention is particularly
useful in protecting a rape victim and in identifying the perpetrator thus bringing rapists to justice
15 while protecting persons exposed to such conduct.

(4) PRIOR ART DESCRIPTION

Equipment used for protecting a female person against rape by way of location along the vagina
is known in the art. US patent number 5769090 deals with a device that can send out a signal
when penetration is perceived. The device also provides a needle that amongst others,
20 penetrate the glans of the penis of a perpetrator. Such action is dangerous for the perpetrator
even possibly resulting in death. As the device is visible to the perpetrator this can cause pre-
rape violence. The devices of US patents 5353811 and 6250304 also have the drawback that
the glans is penetrated by spears or prongs with the same consequence as under the first
mentioned patent. The device of patent number 5353811 also holds the danger of blood from
25 the perpetrator being released within the victim. South African patent number 2007/2952
discloses a rape victim protector and rapist identifier that includes penetrating tines but that
does not easily accommodate a variety of penetrating member sizes while also holding the
possibility of easily causing the tines to damage the sheath within which held while also not
adequately firmly held to limit tine skewing during use of the equipment. Except for limiting the

possibility of sheath damaging by the tines the same problems is experienced by the invention SA patent number 2007/2952 is found in the invention of PCT/ZA2008/00068.

(5) BRIEF DESCRIPTION OF THE DRAWING

5 The invention is now described in more detail, by way of example, with reference to the accompanying drawings. In the drawings:

10 Figure 1 shows one embodiment of a sexual misconduct perpetrator identifier cum victim body protector, according to the invention, in the form of a rapist identifier cum rape victim protector of the kind in which a carrier body as carrying tissue attachment means is integrally molded with a sheath in constituting the rapist identifier cum rape victim protector, in partly cut away three-dimensional view,

Figure 2 shows another embodiment of the rapist identifier cum rape victim protector when of the kind in which a carrier body as carrying tissue attachment means is secured to the inside wall of the sheath, in partly cut away three-dimensional view,

15 Figure 3 shows the rapist identifier cum rape victim protector in side elevation with an identifier cum protector carrier body carrying part of the sheath shown in broke lines,

Figure 4 shows the rapist identifier cum rape victim protector from below with the sheath shown in broke lines, and

Figure 5 shows the carrier body forming part of the rapist identifier cum rape victim protector, though also able to serve as such as a rapist identifier, in side elevation.

20 (6) DETAILED DESCRIPTION OF THE DRAWING

Referring to the drawings a sexual misconduct perpetrator identifier cum victim body protector in the form of a rapist identifier cum rape victim protector (in short an identifier cum protector) is generally indicated by reference numeral 10.

25 The identifier cum protector 10 comprises a flexible sheath 12 of liquid impermeable condom type substance extending from a closed-off inner end 14 to a mouth 16, that is divided into an outer end tissue attachment means carrying section 18 carrying tissue attachment means in the form of inwardly extending barbed tines 20 and a concertina effect formed inner end section 22. The outer end tissue attachment means carrying section 18 extends inward from the mouth 16,

The tines 20 are carried along a carrier base 24 in conjunction with which it defines an integrally formed carrier body 26. The tines 20 extend slantingly inward in facing the closed off inner end 14 of the sheath 12.

5 The lengths and extent of slanting of the tines 20 are selected to limit any body threatening injury to a perpetrator exposed thereto. As the section 18 sheaths the shaft part of a penis at the moment of retraction along a vagina fitted with an identifier cum protector 10 the tines 20 perform their hooking action there along leaving the sensitive glans part unaffected.

10 The identifier cum protector 10 is formed to be positioned against inward displacement into a body cavity of an identifier cum protector user that is exposable to a rape attack by way of an integral circumferential rib 28 extending along the mouth 16 of the sheath 12.

15 The carrier body 26 is of non-expansibly contractible material. It is rendered expansibly contractible by way of expansibly contractible means in the form of zigzag formed coaxially arranged circumferentially extending elements 30 that are spaced apart by linear spacers 32 from which the tines 20 extend. The length of the body 26 is naturally selected to fit the attachment means carrying section 18 of the sheath 12. The zigzag configuration enables the body 26 to be by way of a concertina type action laterally expansibly contractible, as shown by arrows 34 while also being to some extent stretchable in the linear direction, as shown by arrow 36. This feature of the body 26 ensures that it does not obstruct the expansion of the section 18, as enabled by the resilience of the sheath 18, once exposed to an action of sheath penetration.

20 The tines 20 thus extend in sets of linear series from the spacers 32. Owing to the body 26 extending symmetrically about a central axis 38 also coinciding with the central axis of the identifier cum protector 10, the tines 20 of the various sets all face this axis 38. The inner ends of the tines 20 as being barbed, thus present hooks 40 that require professional assistance in enabling release of the identifier cum protector 10 once having become attached to the penis or
25 other body penetrating member of a rapist.

While the tines 20 are adequately rigid to enable them to perform their hooking functions they have some resilience at the locations where their roots connect them to the base 24. In one embodiment the tines 20 are punched from the spacers 32 in a way that create such resilience. This resilience limits the tines 20 from serving as obstruction during a penetrating stroke in

yielding somewhat. But during a retraction stroke the tines 20 are caused to return to their axis facing position enabling the penetration of tissue during such stroke.

The concertina effect formed inner end section 22 promotes substantial linear and some lateral expansion of the sheath 12 also co-acting with the section 18 in facilitating an overall sheath expansion thus accommodating a variety of penetrating member sizes.

In specifically referring to figure 1 the body 24 can be integrally molded with the sheath 12 causing the tines 20 to extend flush from the inner wall of the sheath 12. Otherwise and referring to figure 2 the body 24 can be secured along the inner wall of the sheath 12 becoming glued or otherwise attached thereto during the manufacturing process.

In further specifically referring to figure 5 the carrier body 26, in addition to forming part of the identifier cum protector 10, as discussed above, can also serve as identifier as such thus omitting the sheath 12 and being in the form of a rapist identifier 42.

When an identifier cum protector carrier is sexually assaulted by an attacker the sheath 12 will accommodate a large variety of penetrating member sizes owing to its ability to expand both laterally and lengthwise as brought about by the concertina effects of the inner end section 22 and the zigzag formed circumferentially extending elements 30 both naturally in conjunction with the resilience of the sheath 12 as such. During the penetrating stroke the tines 20 will yield owing to their root connected resilience thus permitting an unobstructed displacement along the sheath 12 while the possibility of any inward carrying of the full identifier cum protector 10 is limited by the functioning of the circumferential rib 28. At the end of the penetrating stroke the glans of the penis will be positioned within the non-tine carrying inner end section 22 with its shaft extending along the attachment means carrying section 18.

On retraction of the penis the tines 20 in urging inward to face the axis 38 will progressively penetrate the tissue of its shaft. The hooking effects of the hooks 40 will result in tissue catching to the extent of at least substantially preventing a perpetrator by himself releasing the identifier cum protector 10. Professional assistance in achieving such will carry the danger of exposure and subsequent identification.

To limit the possibility of substantially harming the health of a perpetrator the lengths of the tines 20 are selected to only penetrate the skin of the shaft of a penis.

It is an advantage of the invention as specifically described that an item for the identification of a rapist and in the appropriate case protection of a victim is provided that can accommodate a variety of penetrating member sizes while being held against discomfort and time skewing once exposed to a penetrating action thus promoting its effective operation once in use. While being effective in performing its intended function(s) use of the item of the invention does not expose a perpetrator to substantial bodily injury.

(7) CLAIMS

(1) A sexual misconduct perpetrator identifier cum victim body protector (10) for use in protecting a user and identifying a sexual misconduct involving a perpetrator comprising a flexible sheath (12) of liquid impermeable substance extending from a closed-off inner end (14) to a mouth (16) while being formed to be positioned against inward displacement into a body cavity of a identifier cum protector user that is exposable to an act of sexual misconduct by way of a penetrating member, and

tissue attachment means (20) extending inward from the inner wall of part of the length of the sheath (12) for attaching the identifier cum protector against perpetrator unaided release though also against serious health damaging bodily injury of a penetrating member of a perpetrator on performing an act of unauthorised body cavity penetration of a cavity fitted with the identifier cum protector facilitating perpetrator exposure on requiring specialized removal of the identifier cum protector,

characterised in that the sheath (12) is constituted by an outer end attachment means carrying section (18) ending in the mouth (16) along which the attachment means is situated against limiting at least the lateral expansion of the outer end attachment means carrying section (18) and an inner end section (22) that is arranged to at least by itself if not in conjunction with the outer end attachment means carrying section enable the overall linear expansion of the sheath on becoming penetrated in turn enabling the accommodation of a variety of penetrating members sizes.

(2) A sexual misconduct perpetrator identifier cum victim body protector as claimed in claim 1 in which the inner end section (22) is arranged to at least by itself if not in conjunction with the outer end attachment means carrying section enable the overall linear expansion of the sheath by being concertina effect formed.

(3) A sexual misconduct perpetrator identifier cum victim body protector as claimed in claim 1 or claim 2 in which the attachment means carrying section (18) carries the attachment means against limiting both its lateral and linear expansion.

(4) A sexual misconduct perpetrator identifier cum victim body protector as claimed in any one of the preceding claims in which the attachment means (20) is carried by a flexible tissue

attachment means carrier base (24) of which it forms part in forming a tissue attachment means carrier body (26) that fits the outer end attachment means carrying section (18) against any relative displacement by the carrier base being expansibly contractible in conjunction with the sheath and also against sheath enclosing zone obstruction.

5 (5) A sexual misconduct perpetrator identifier cum victim body protector as claimed in claim 4 in which the attachment means is in the form of plurality of tines (20) extending into the zone enclosed by the outer end attachment means carrying section (18) to an adequate extent to enable tissue attachment of a penetrating member though only to a depth that does not pose a serious health damaging bodily injury while formed to limit the possibility of self-removal, the
10 tines facing the inner end (14) of the sheath (12) and being of adequate yielding character to permit the unobstructed penetration of the sheath though adequately firm to perform their tissue attachment function during retraction.

(6) A sexual misconduct perpetrator identifier cum victim body protector as claimed in claim 5 in which the tines (20) are formed to limit the possibility of self-removal by their inner ends (40)
15 being barbed.

(7) A sexual misconduct perpetrator identifier cum victim body protector as claimed in any one of claims 4 to 6 in which the carrier base (24) as of at least substantially non-expansibly contractible character is rendered expansibly contractible by way of expansibly contractible means forming part thereof accommodating at least lateral sheath expansion inclusive of during
20 a sheath penetrating action.

(8) A sexual misconduct perpetrator identifier cum victim body protector as claimed in claim 7 in which the expansibly contractible means at least comprises coaxially arranged generally concertina effect zigzag formed circumferential elements (30) that are interspaced by spacers (32) along the latter of which the tissue attachment means (20) is found, the zigzag effect of the
25 elements (30) accommodating at least lateral sheath expansion inclusive of during a sheath penetrating action.

(9) A sexual misconduct perpetrator identifier cum victim body protector as claimed in claim 8 in which the attachment means at least in so far as being in the form of a plurality of tines (20) extend into the zone enclosed by the outer end attachment means carrying section (18) from the
30 spacers (32).

(10) A sexual misconduct perpetrator identifier cum victim body protector as claimed in claim 9 in which the spacers (32) extend linearly with the tines (20) being arranged in linear arrays.

(11) A sexual misconduct perpetrator identifier cum victim body protector as claimed in any one of claims 4 to 10 in which the tissue attachment means carrier base (24) fits the outer end attachment means carrying section (18) against any relative displacement by being either
5 integrally formed therewith or secured thereto along its inside face.

(12) A sexual misconduct perpetrator identifier cum victim body protector as claimed in any one of claims 4 to 11 in which the attachment means is integrally formed with the tissue attachment means carrier base (24) in constituting the tissue attachment means carrier body (26) that is as
10 such unified with the sheath in forming the identifier cum protector in the appropriate case becoming so unified during the process of the molding the sheath.

(13) A sexual misconduct perpetrator identifier cum victim body protector as claimed in any one of the preceding claims in which the sheath (12) is constrained against inward displacement into a body cavity once the identifier cum protector as worn is exposed to a sexual misconduct body
15 cavity penetrating involving action by the mouth (16) of the sheath being bordered by an integrally extending circumferential rib (28) that is formed to retain it outside a relevant body cavity even when the identifier cum protector as worn is exposed to an inward urging action.

(14) A sexual misconduct perpetrator identifier (42) for use in identifying a sexual misconduct involving a perpetrator comprising tissue attachment means (20) extending inward from a not
20 necessarily fully circumferentially closed off generally tubularly extending flexible tissue attachment means carrier base (24) for attaching the identifier against perpetrator unaided release though also against serious health damaging bodily injury of a penetrating member of a perpetrator on performing an act of unauthorised body cavity penetration of a cavity fitted with the identifier facilitating perpetrator exposure on requiring specialized removal of the identifier;
25 characterised in that the carrier base (24) is arranged to be at least laterally expansibly contractible enabling the accommodation of a variety of penetrating members sizes.

(15) A sexual misconduct perpetrator identifier as claimed in claim 14 in which the attachment means (20) integrally forms part of the carrier base (24) in forming a tissue attachment means carrier body (26).

(16) A sexual misconduct perpetrator identifier as claimed in claim 14 or claim 15 in which the carrier base (24) as of at least substantially non-expandably contractible character is rendered expandably contractible by way of expandably contractible means forming part thereof.

5 (17) A sexual misconduct perpetrator identifier as claimed in claim 16 in which the expandably contractible means at least comprises coaxially arranged generally concertina effect zigzag formed circumferential elements (30) that are interspaced by spacers (32) along the latter of which the tissue attachment means (20) is found, the zigzag effect of the elements (30) accommodating at least lateral carrier base expansion.

10 (18) A sexual misconduct perpetrator identifier as claimed in any one of claims 14 to 17 in which the tissue attachment means is in the form of plurality of tines (20) extending into the zone enclosed by the carrier base (24) to an adequate extent to enable tissue attachment of a penetrating member though only to a depth that does not pose a serious health damaging bodily injury while formed to limit the possibility of self-removal, the tines facing the inner end (14) of the carrier base (12) while being of adequate yielding character to permit the unobstructed
15 penetration of the body (26) though adequately firm to perform their tissue attachment function during retraction, in the case of the carrier base (24) including spacers (32) the tines thus extending there from.

(19) A sexual misconduct perpetrator identifier as claimed in claim 15 in which the tines (20) are formed to limit the possibility of self-removal by their inner ends (40) being barbed.

20 (20) A sexual misconduct perpetrator identifier as claimed in any one of claim 17 to 19 in which the spacers (32) extend linearly with the tissue attachment means being arranged in linear arrays.

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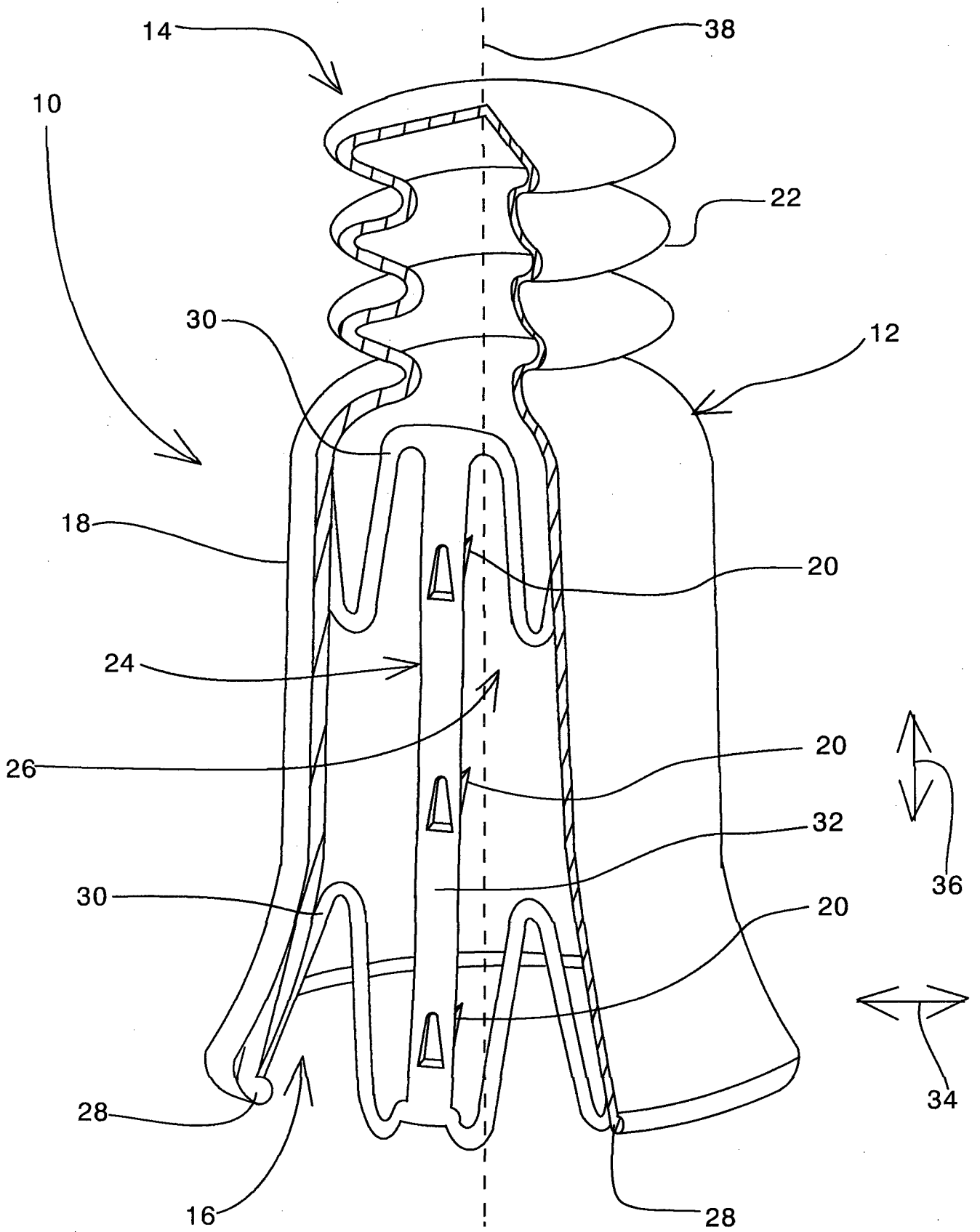


FIGURE 1

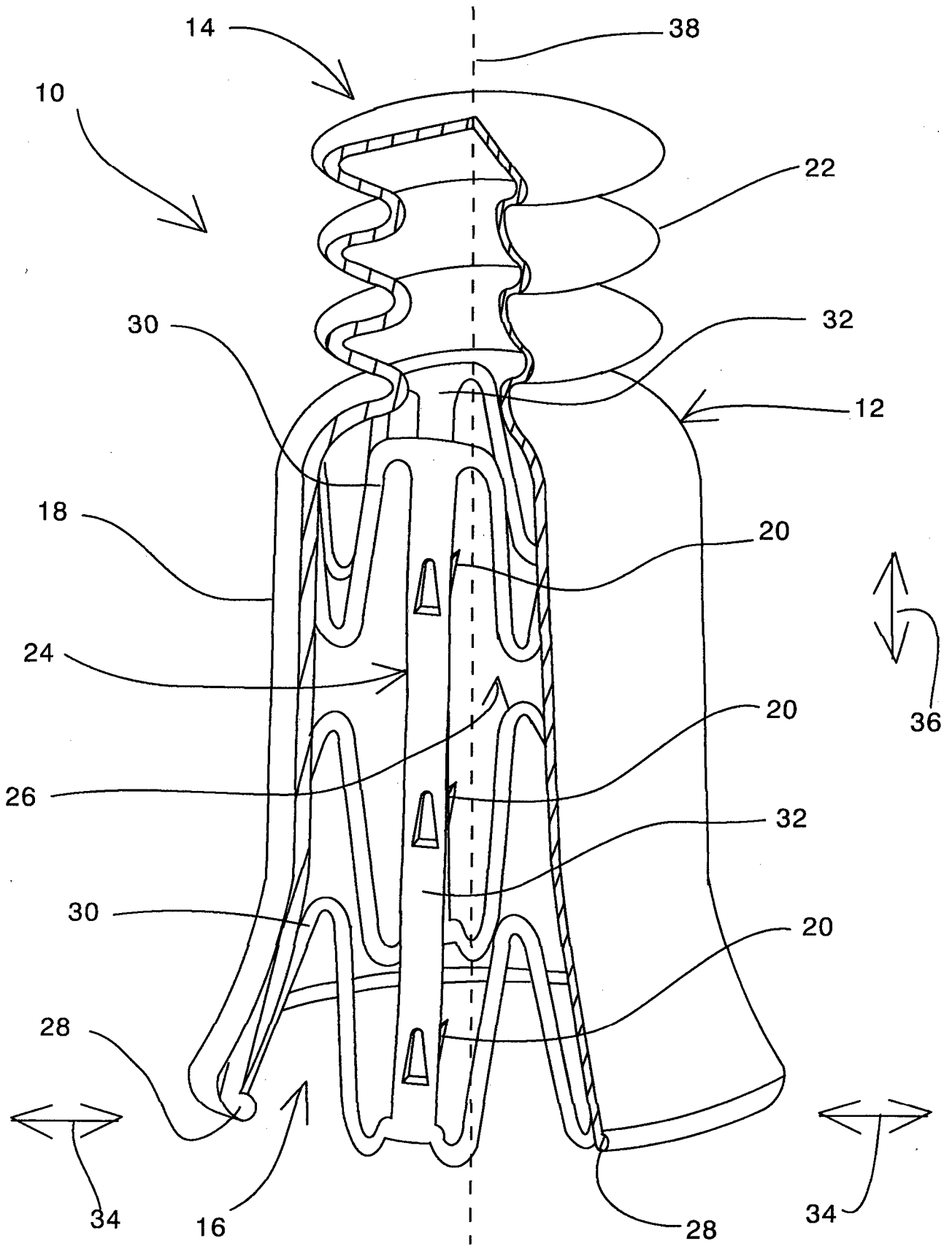


FIGURE 2

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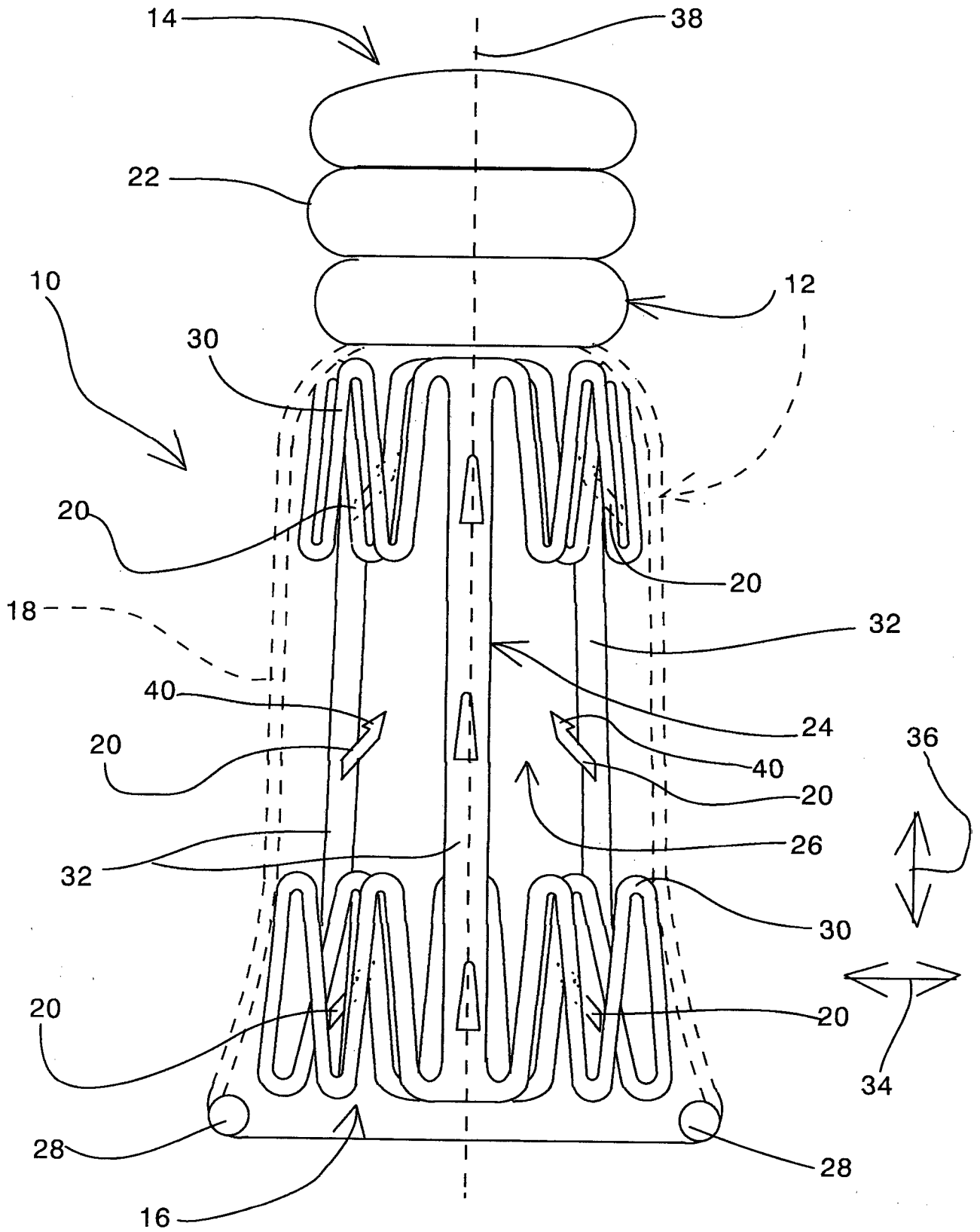


FIGURE 3

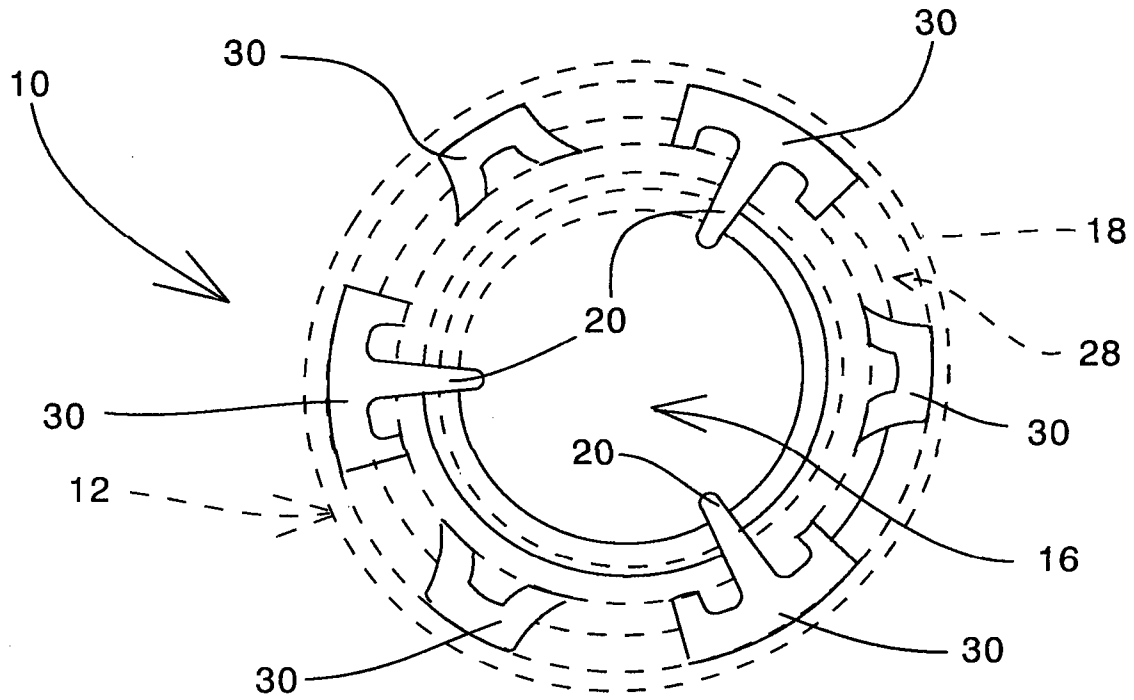


FIGURE 4

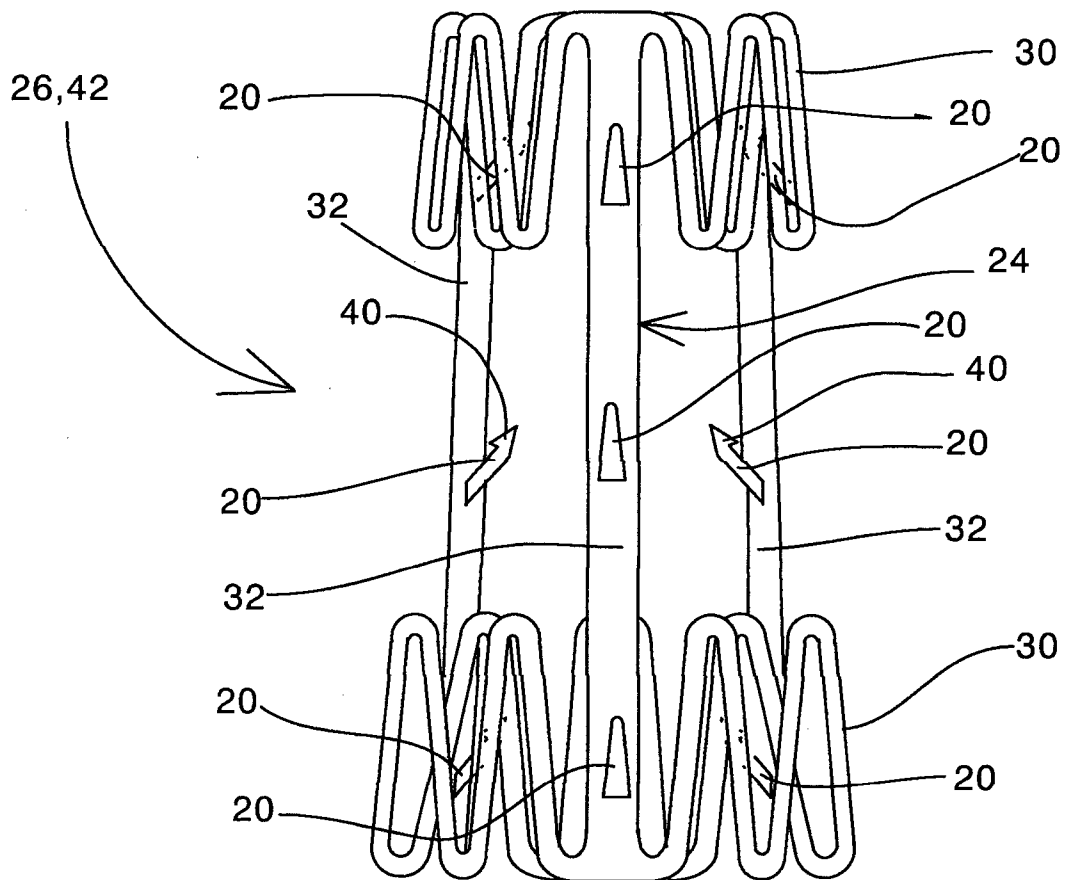


FIGURE 5