

[54] **SEXUAL AID**

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[56] **References Cited**

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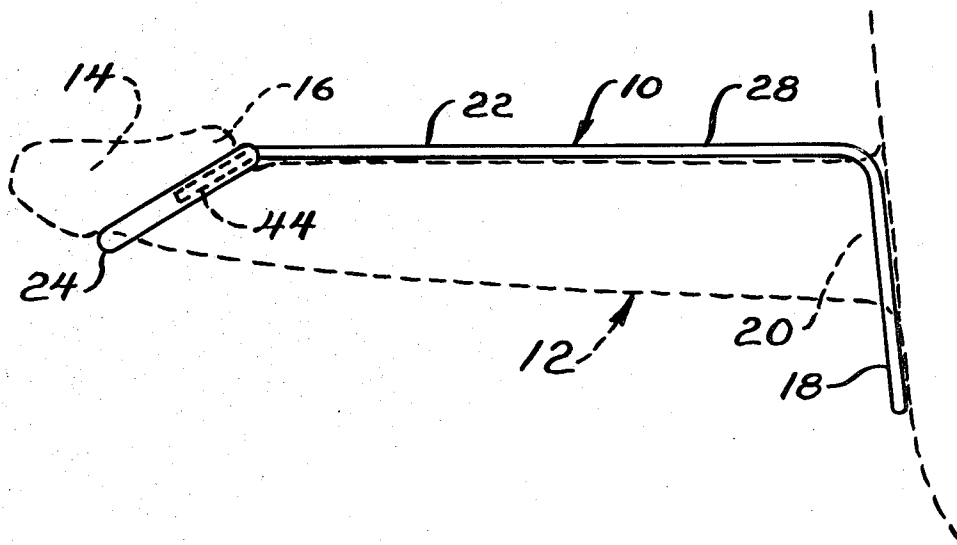
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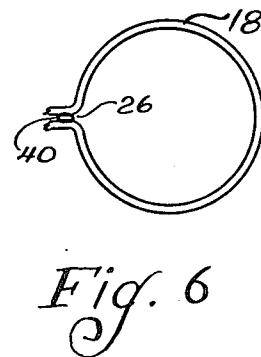
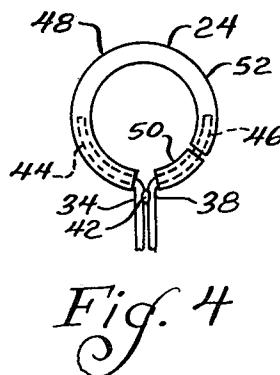
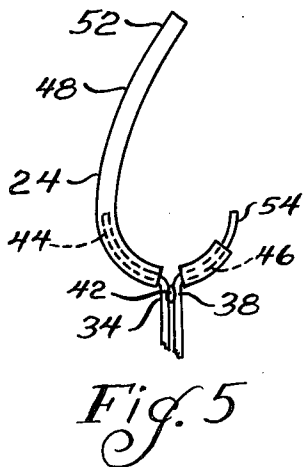
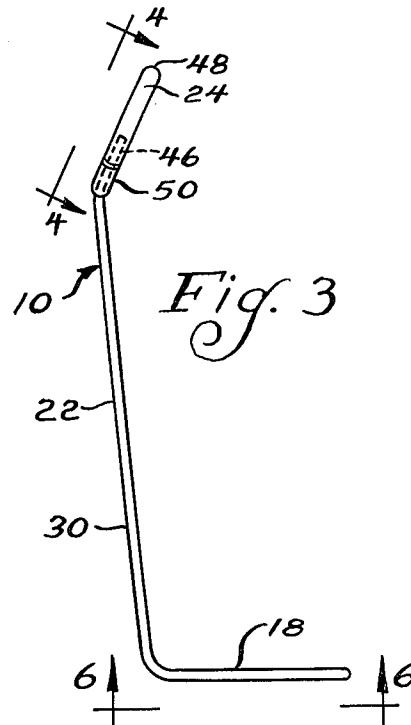
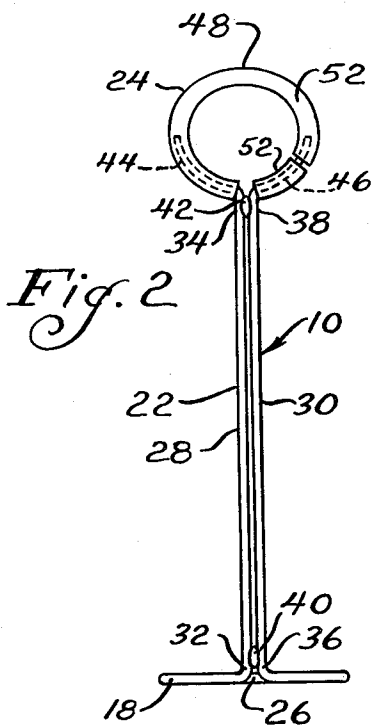
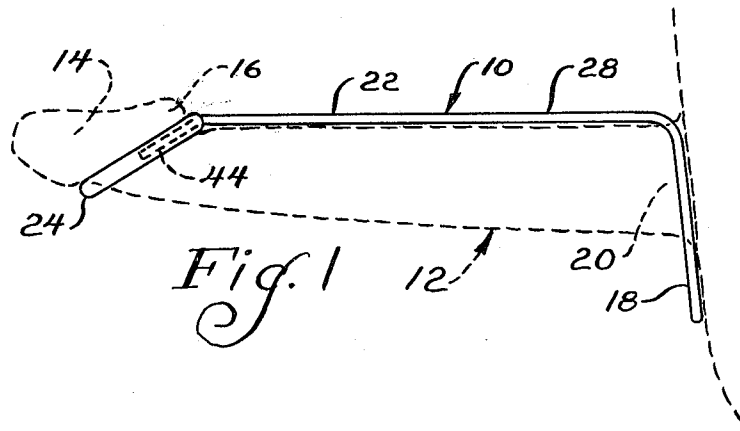
[57] **ABSTRACT**

A sexual aid adapted for use by a human male having

a penis and a glans penis, for promoting sexual relations, is disclosed herein. The sexual aid includes a ring-like base having a slightly larger diameter than a root of the penis. The ring-like base is adapted to receive the root telescopically. A rigid support column, having a pair of opposed ends, is formed substantially perpendicular with the ring-like base at one end. A collar is connected to the other end of the rigid support column. The collar is adapted for supportive engagement with the glans of the penis. The sexual aid is worn with the ring-like base centered about the root of the penis and oriented so that the rigid support column is positioned adjacent a superficial dorsal vein of the penis. The collar is then positioned under and around a corona of the glans so that the collar is in compressional engagement with the glans. The glans is held by the collar approximately perpendicular to the ring-like base and the root of the penis. The penis is thus, itself, held approximately perpendicular to its own root. Once the penis is thus supported by the sexual aid, the human male is ready for sexual relations.

9 Claims, 6 Drawing Figures





SEXUAL AID

BACKGROUND OF THE INVENTION

From time to time, men and women find it desirable to have sexual relations, but the man is unable to perform for a variety of physiological and/or psychological reasons. A number of mechanical devices have been devised to assist the man in achieving sexual penetration. Many of these devices operate by forcing the penis into an erect state in order to achieve the desired result. Although the devices often do assist the user in achieving an erection, they do so with accompanying actual or potential deleterious effects to the user's health.

Erection takes place due to stimulation from the central nervous system which causes an increase in the flow of arterial blood to the blood sinuses within the penis. The blood sinuses expand, producing a constriction of the venous blood system of the penis, preventing the increased volume of accumulated arterial blood from leaving the blood sinuses and, thereby, causing further expansion of the blood sinuses and erection. Erection, then, takes place by engorgement of the blood sinuses of the penis with excess arterial blood.

One of the most common types of aforementioned device is a constrictor which fits tightly about the root of the penis. The constrictor compresses the venous system within the penis, slowing the blood flow from the penis, thereby bringing about engorgement of the blood sinuses and erection. There is, however, a danger inherent in the use of a constrictor band since strangulation of the penis can occur very easily requiring immediate medical intervention.

Another common type of device causes an erection by lowering the atmospheric pressure around the penis thereby causing the penis to temporarily expand. This type of pressure differential device, however, is dangerous to use, because continual use leads to a breakdown of the connective tissue of the corpus cavernosum of the penis.

What is needed is a device which will enable a man to achieve sexual penetration without endangering his health.

SUMMARY OF THE INVENTION

The present invention provides a sexual aid for assisting a partially or completely impotent human male, having a penis and a glans penis, in performing sexually. The sexual aid includes a ring-like base having a slightly larger diameter than a root of the penis, adapted to receive the root telescopically. A rigid support column, having a pair of opposed ends, is formed substantially perpendicular to the ring-like base at one end. A collar is connected to the other end of the rigid support column. The collar is adapted for engagement with a corona of the glans. In use, the ring-like base of the sexual aid is centered around the root of the penis and oriented so that the rigid support column is positioned adjacent a superficial dorsal vein of the penis. The collar is positioned under the corona so that the collar is in compressional engagement with the corona. The glans is held by the collar approximately perpendicular to the ring-like base and the root of the penis. The penis is thus, itself, held perpendicular to its own root. Once the penis is thus fixedly positioned by the sexual aid, the male is ready for sexual relations.

It is a principal object of the present invention to provide a sexual aid which allows a human male to have sexual relations without having an erection.

It is another object of the present invention to provide a sexual aid which does not strangle the penis.

It is a further object of the present invention to provide a sexual aid which does not cause a deterioration of the corpus cavernosum.

It is still another object of the present invention to provide a sexual aid which is easy to use.

It is a still further object of the present invention to provide a sexual aid which may be inexpensively constructed.

It is still another object of the present invention to provide a sexual aid which is hygienic.

Other objects and uses of the present invention will become apparent to those skilled in the art upon a perusal of the following specification in light of the accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a right-side-elevational view of a sexual aid, embodying the herein-disclosed invention, in operative engagement with a penis shown in dotted form;

FIG. 2 is a rear elevational view of the sexual aid of FIG. 1;

FIG. 3 is a left-side-elevational view of the sexual aid of FIG. 2;

FIG. 4 is a view, taken along Line 4—4 of FIG. 3, of the collar of the sexual aid in the closed position;

FIG. 5 is a view, taken along Line 4—4 of FIG. 3, of the collar of the sexual aid in the open position; and

FIG. 6 is an end view, taken along Line 6—6, of FIG. 3, showing details of a portion of the sexual aid.

DESCRIPTION OF THE PREFERRED EMBODIMENT

Referring now to the drawings, and especially to FIGS. 1 and 2, a sexual aid, generally indicated by numeral 10, adapted for use by a human male having a penis 12, and a glans penis 14 with a corona 16, is shown therein. Sexual aid 10 generally includes a ring-like base 18. Ring-like base 18 has a slightly larger diameter than a root 20 of penis 12 and is adapted to receive root 20 telescopically. A rigid support column 22 is formed integral with and approximately perpendicular to ring-like base 18. A portion of a collar 24 is formed coextensive with rigid support column 22. Collar 24 is adapted to engage glans 14 of penis 12. In use, sexual aid 10 is placed around root 20 of penis 12. Sexual aid 10 is oriented so that rigid support column 22 is adjacent a superficial dorsal vein of penis 12. Penis 12 is stretched slightly to bring glans 14 into compressional engagement with collar 24, thus providing support to penis 12.

Ring-like base 18 is a split circular ring having a ring cap 26. Ring-like base 18 is approximately 1 1/4 inches in diameter. (It may be appreciated that various users of sexual aid 10 require different dimensions of sexual aid 10. The specific dimensions set forth herein apply to only one embodiment of sexual aid 10.)

Rigid support column 22 includes a pair of parallel legs 28 and 30. Leg 28 has a pair of opposed ends 32 and 34. Leg 30 has a pair of opposed ends 36 and 38. End 32 of leg 28 is formed integral with ring-like base 18 adjacent ring gap 26. End 36 of leg 30 is formed integral with ring-like base 18 adjacent ring gap 26 opposite end 32. Legs 28 and 30 are, in this instance, 3/4

inches long, substantially the same length as the distance between root 20 and corona 16. Legs 28 and 30 form a 95° angle with ring-like base 18. A silver solder bead 40 holds leg ends 32 and 36 in spaced proximity. Another silver solder bead 42 holds leg ends 34 and 38 in spaced proximity.

Referring now to FIGS. 4 and 5, collar 24 includes a pair of rigid arcuate collar supports 44 and 46 formed integral with leg ends 34 and 38 respectively. Arcuate collar supports 44 and 46 are positioned symmetric with legs 28 and 30 and ring-like base 18. Arcuate collar supports 44 and 46 are disposed at a 150° angle with legs 28 and 30. Together, arcuate collar supports 44 and 46 form a semi-circle, in this instance, of ¾ inch diameter. A long, flexible plastic tube 48, about 2½ inches in length, in this embodiment, is fitted over arcuate collar support 44. A short, flexible plastic tube 50, in this case, about ¾ inches in length, is fitted over arcuate collar support 46. Plastic tube 48 has a free end 52 which is selectively frictionally fitted over an exposed portion 54 of arcuate collar support 46. Collar 24 is closed by fitting end 52 of plastic tube 48 over exposed portion 54 of arcuate collar support 46. Collar 24, when in the closed configuration, defines a plane which is disposed at a 150° angle with legs 28 and 30.

In operation, sexual aid 10 is fitted to penis 12 by placing penis 12 through ring-like base 18 so that ring-like base 18 rests about root 20. Sexual aid 10 is positioned so that legs 28 and 30 run parallel and adjacent to the superficial dorsal vein of penis 12. Penis 12 is then stretched slightly to bring open collar 24 into compressional engagement with corona 16 of glans 14. Collar 24, which is substantially coplanar with corona 16, is then closed snugly about penis 12, beneath corona 16, by fitting end 52 of plastic tube 48 over portion 54 of arcuate collar support 46. Collar 24 thereby holds glans 14, and hence penis 12, approximately perpendicular to ring-like base 18 and root 20. Penis 12 can now achieve sexual penetration.

Sexual aid 10 may be removed after use by simply pushing end 52, of plastic tube 48, off arcuate collar support 46, with a thumb nail inserted between tubes 48 and 50, thereby freeing glans 14; and then lifting ring-like base 18 clear of penis 12.

It may be appreciated that the present invention does not force an erection either by constricting the penis or by lowering the pressure around the penis. In order to achieve sexual penetration with sexual aid 10, an erection is not necessary since sexual aid 10 wholly supports penis 12.

It may be appreciated that sexual aid 10 will not cause a breakdown of the connective tissue of the corpus cavernosum since sexual aid 10 does not aid penetration by dropping the pressure around penis 12 to force an erection.

Sexual aid 10 also will not strangulate penis 12. Root ring 14, in this instance, has a larger diameter than any portion of penis 12 and does not constrict penis 12. Collar 24 is held closed only by friction between plastic tube 48 and arcuate collar support 46. When erection does occur at any time while sexual aid 10 is being worn, penis 12 is not strangulated by collar 24 since plastic tube 48 slips along arcuate collar support 46 to accommodate any increase in diameter of penis 12.

It may be appreciated that sexual aid 10 may be used by both partially impotent, and completely impotent men with equal success. Either of these classes of men

may use sexual aid 10 to achieve sexual performance without endangering their health.

Sexual aid 10 may be inexpensively constructed of a variety of materials, but a single length of 16 gauge stainless steel wire with plastic tubing fitted to it is preferred. The stainless steel wire provides sufficient rigidity for support, while at the same time being basically unreactive with exposed body tissues, thereby minimizing contact reactions which might occur if other materials were employed.

It may be appreciated that the plastic tubing and stainless steel construction of sexual aid 10 allows sexual aid 10 to be easily cleaned or sterilized. Thus, proper hygiene may be maintained with a minimum of effort.

Although a specific embodiment of the instant invention has been set forth and described in detail above, it is readily apparent that those skilled in the art may make various modifications and changes in the present invention without departing from the spirit and scope thereof. The instant invention is limited only by the appended claims.

What is claimed is:

1. A sexual aid adapted for use by a human male having a penis and a glans penis for promoting sexual relations by supporting the penis comprising: a ring-like base, said ring-like base being adapted to receive a root of the penis telescopically, said ring-like base having a slightly larger diameter than said root of said penis; a rigid support column having a pair of opposed ends, one end being formed integral with and substantially perpendicular to said ring-like base; and a collar connected to the other end of said rigid support column, said collar being positioned at an angle greater than 90° to said rigid support column, said collar being adapted for supportive engagement with the glans of said penis.

2. A sexual aid adapted for use by a human male having a penis and a glans penis for promoting sexual relations by supporting the penis as defined in claim 1 in which said ring-like base is a substantially circular split ring having a diameter greater than the root of the penis and adapted for receiving the root telescopically.

3. A sexual aid adapted for use by a human male having a penis and a glans penis for promoting sexual relations by supporting the penis as defined in claim 1 in which said rigid support column is positionable adjacent a superficial dorsal vein of said penis.

4. A sexual aid adapted for use by a human male having a penis and a glans penis for promoting sexual relations by supporting the penis as defined in claim 3, in which said collar is a non-elastic expandible collar and lies substantially within a single plane, and said non-elastic expandible collar is oriented substantially coplanar with a corona of said glans whereby said non-elastic expandible collar is adapted for supportive engagement with said corona of said glans.

5. A sexual aid adapted for use by a human male having a penis and a glans penis for promoting sexual relations by supporting the penis as defined in claim 1, in which said rigid support column includes a pair of parallel legs, each of said parallel legs having a pair of opposed ends, one end of each of said legs being formed integral with and substantially perpendicular to said ring-like base, the other end of each of said legs being formed integral with a portion of said collar.

6. A sexual aid adapted for use by a human male having a penis and a glans penis for promoting sexual rela-

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tions by supporting the penis as defined in claim 1, in which a portion of said collar is flexible.

7. A sexual aid adapted for use by a human male having a penis and a glans penis for promoting sexual relations by supporting the penis comprising: a substantially circular split ring, said split ring being adapted to receive a root of the penis telescopically, said split ring having a slightly larger diameter than said root of said penis; a pair of parallel legs, each leg having a pair of opposed ends, one end of each leg being formed integral with and substantially perpendicular to said split ring, said legs being positionable adjacent a superficial dorsal vein of said penis; and a collar having a portion formed integral with each of the other ends of said legs at greater than a 90° angle with said legs, a portion of said collar being flexible, said flexible portion being movable relative to one of the legs to accommodate expansion of the penis, and said collar being adapted for engagement with the glans of said penis.

8. A sexual aid adapted for use by a human male having a penis and a glans penis for promoting sexual relations by supporting the penis as defined in claim 7 in which said legs are of substantially the same length as the distance between the root of the penis and a corona of the glans of said penis; and said collar lies substantially within a single plane and is oriented substantially coplanar with said corona of said glans.

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9. A sexual aid adapted for use by a human male having a penis and a glans penis for promoting sexual relations by supporting the penis as defined in claim 8 in which said collar includes: a first arcuate support and a second arcuate support, said first arcuate support being formed integral with the other end of one of the legs, said second arcuate support being formed integral with the other end of the other leg, said first and second arcuate supports lying within said plane of said collar, said plane being oriented at an angle greater than 90° with said legs; a long flexible tube mateably mounted on the first arcuate support, said long flexible tube forming part of said flexible portion of said collar, said long flexible tube being adapted for selective connection with the second arcuate support, said long flexible tube being movable relative to said second arcuate support to accommodate expansion of the penis; and a short flexible tube mateably mounted on the second arcuate support, said long flexible tube and said short flexible tube being adapted for engagement with the glans of said penis, said short flexible tube being adapted for selective abutment with said long flexible tube to limit travel of said long flexible tube along the second arcuate support, and to facilitate removal of said long flexible tube therefrom.

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