March 8, 1955 A. HIRSCHFELD 2,703,574

RUBBER SANITARY DEVICE

Filed April 12, 1954

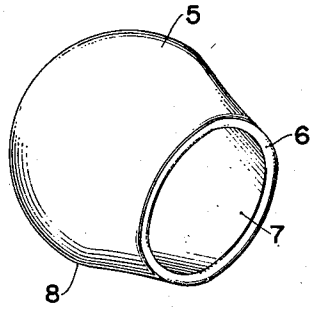


FIG. 1.

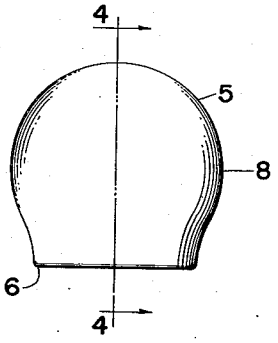


FIG. 2.

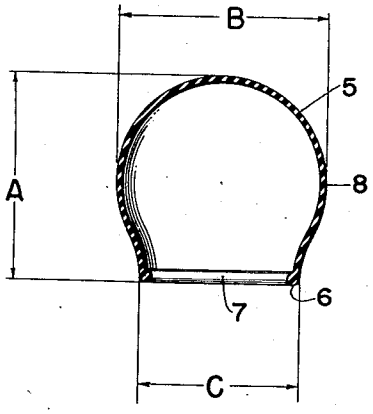


FIG. 4

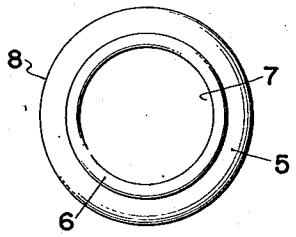


FIG. 3.

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RUBBER SANITARY DEVICE

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3 Claims. (Cl. 128—132)

This invention relates to rubber sanitary devices—more particularly to devices adapted for use as contraceptives and mechanical prophylactics.

It is primarily within the contemplation of my invention to provide a device of the above-mentioned category adapted for application only over the glans penis, the head of the male organ, whereby the body of said organ is left entirely exposed. And in this aspect of my invention it is a further object to provide firm but yieldable retainer means for maintaining the device in its proper position, without interfering protuberances—and at the same time for serving the function of a sealing ring to prevent passage therepast of fluid discharges. The device is accordingly intended, in accordance with the last-mentioned objective, to retain therein urethral discharges, as well as to prevent the entrance therein of possibly infectious fluids or other matter.

It is also an object of this invention to enable the device to serve not only as a covering for the glans penis, but also as an efficient receptacle for receiving and retaining therein an urethral discharge.

Another object of my invention is to provide a device of the said class of minimum proportions, so that it may be positioned and secured with ease and rapidity, may be used with a maximum of comfort, and may be economically produced even if of comparatively thick walled construction.

Other objects, features and advantages will appear from the drawings and the description hereinafter given.

In the drawings,

Figure 1 is a perspective view of a form of the device of my invention.

Figure 2 is an elevational view of the device.

Figure 3 is a bottom view thereof.

Figure 4 is a section of Figure 2 taken along line 4—4.

In the preferred embodiment illustrated, the device is a moulded unit made of rubber comprising a receptacle portion 5 and an elastic peripheral portion 6 defining the open end or entrance aperture 7. The device is proportioned so that the length A thereof is substantially the length of a glans penis of predetermined size, the width B, at the widest section 8 of receptacle portion 5, being wider than said glans, to permit a loose fit whereby said receptacle portion will be able to accommodate the discharge from the urethra. The outside width or diameter C of the peripheral portion 6 is less than said width B, and is proportioned to be in engagement with the posterior annular portion of the glans and in embracing engagement with the body of the organ immediately adjacent said posterior portion.

In the form shown, said peripheral portion 6 is of thickened proportions, to form a relatively heavy elastic peripheral band, adapted to yieldably retain the device in place. The position of said band—at the juncture of the posterior annular wall of the glans and the adjacent body portion of the organ—enables the band to serve as an effective seal against the passage of fluids therepast, in either direction. It therefore enables the receptacle portion 5 to retain therein seminal discharges, and also prevents the passage into said entrance aperture 7 of unsanitary or infectious fluids from the exterior thereof.

Inasmuch as the width C of the device at the entrance portion 7 is less than width B of the receptacle portion

at intermediate section 8 thereof, the peripheral band 6 is disposed inwardly with respect to said section 8. The band therefore does not constitute a laterally extending protuberance that might interfere with the user's comfort. The using comfort is further enhanced by the fact that only the head of the male organ is covered by the device, the rest of the organ being exposed.

Because of its relative shortness, the device can readily be applied and secured in place. And because of its inherent compactness and simplicity, it can be more economically produced than devices of conventional construction.

In the above description, the invention has been disclosed merely by way of example and in preferred manner; but obviously many variations and modifications may be made therein. It is to be understood, therefore, that the invention is not limited to any specific form or manner of practicing same, except insofar as such limitations are specified in the appended claims.

I claim:

1. A protective device having a smooth outer surface and suitable for enveloping only the head of a male organ, comprising a receptacle portion formed of a wall of uniform thickness and open at one end, and an inwardly extending elastic peripheral annular abutment wall at said open end defining an entrance aperture, said abutment wall serving as a positive retaining wall and an intermediate section of said receptacle portion being circular in cross section and being of greater diameter than said abutment wall when the latter is in its normal contracted condition.

2. A protective device having a smooth outer surface and suitable for enveloping only the head of a male organ, comprising a receptacle portion formed of a wall of uniform thickness and open at one end, and an inwardly extending elastic peripheral annular abutment wall at said open end defining an entrance aperture, said abutment wall serving as a positive retaining wall and being proportioned for pressing yieldable enagement with the posterior annular wall of the said head and in embracing pressing engagement with the adjacent body portion of said male organ when the device is in its operative position, said receptacle portion being proportioned for a loose fit about said head when the device is in said operative position, an intermediate section of said receptacle portion being circular in cross section and being of greater diameter than said abutment wall when the latter is in its normal contracted condition.

3. A protective device having a smooth outer surface and suitable for enveloping only the head of the male organ, comprising a receptacle portion formed of a wall of uniform thickness and open at one end, and an inwardly extending elastic peripheral annular abutment wall at said open end defining an entrance aperture, said abutment wall being proportioned for pressing yieldable engagement with the posterior annular wall of the said head and in embracing pressing engagement with the adjacent body portion of said male organ when the device is in its operative position, the length of said receptacle portion being substantially equal to the length of said head and the transverse proportions of said receptacle portion being such that the receptacle portion loosely fits about said head when the device is in said operative position, an intermediate section of said receptacle portion being circular in cross section and being of greater diameter than said abutment wall when the latter is in its normal contracted condition.

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