March 12, 1946. A. A. LEWIS 2,396,516

DEVICE TO PREVENT THE HUMAN BLADDER FROM SPILLING OVER WHILE ASLEEP AND TO CORRECT THE BED WETTING HABIT

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Fig. 1

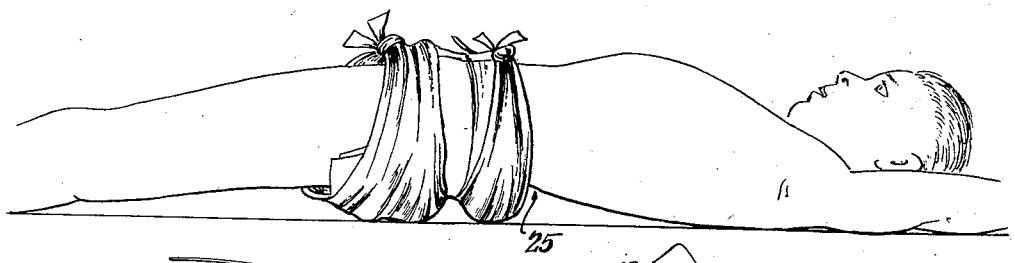


Fig. 3

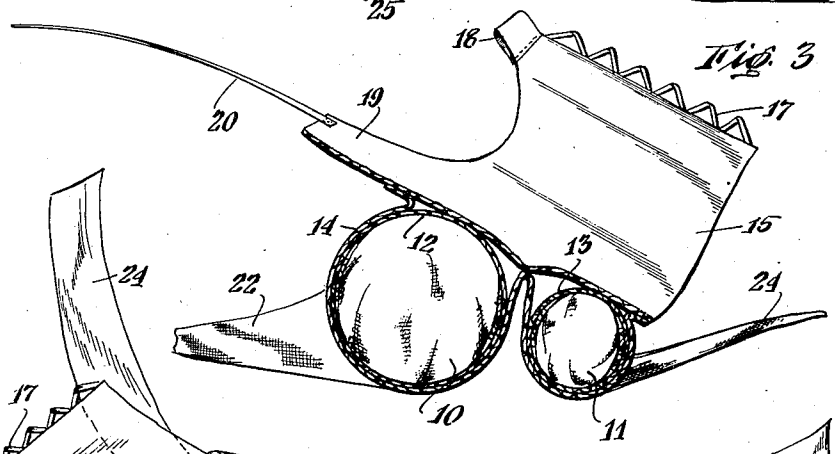


Fig. 2

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DEVICE TO PREVENT THE HUMAN BLADDER FROM SPILLING OVER WHILE ASLEEP AND TO CORRECT THE BED-WETTING HABIT

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1 Claim. (Cl. 128—167)

My invention relates to a device to prevent the human bladder from spilling over while asleep.

The following objects are accomplished. The first is an easy and inexpensive way to stop one's bladder from overflowing while asleep, i. e., to prevent weak bladders from leaking and causing the moisture of clothing and bedding. The second is that it does not contain any pins or metal parts which might injure one while asleep. The third object is that it can be used for an indefinite time in so far as the pads or fillers are replaceable and can be cleaned or replaced at any time. Fourth, it has no parts to wear out and which may need replacement. Fifth, it is restful and non-irritable. In fact, there are many other objects and uses.

One form of my invention is illustrated in the accompanying drawing in which Figure 1 shows the device attached to the body. Figure 2 is a perspective view of the device in an open condition. Figure 3 is a section on 3—3 of Figure 2.

Reading on Figures 1, 2 and 3, they consist of a large roll of gauze, filler or other suitable material 10, a smaller roll of gauze, filler or other suitable material 11, a cover 12 for said roll 10, a cover 13 for said roll 11, a connecting strip 14, an abdominal corset 15, stitch lines fastening corset 15 to the connecting strip 14 which strip holds rolls 10 and 11 in place 16, lacing portion 17, tightening loops 18, crotch portion 19, fastening ribbons 20, closing flap 21 for rolls 10, tightening strip or band 22, closing flap 23 for roll 11, tightening strip or band 24, central abdominal portion of body 25.

In operation reading on Figures 1, 2 and 3 my device is placed underneath the body so that the larger roll 10 is under the buttocks and roll 11 is under the central portion of body. In this portion the corset 15 is next to the body and the crotch portion 19 is beneath the crotch of the body, then the corset section 15 is lapped over the body toward the stomach, and the device is applied by lacing portion 17 with a string, then fastening ribbons 20 are placed around the leg and through loop 18 and tightened in place on both sides, then tightening strips 22 are placed over the body or lower stomach and tightened or knotted together and form an abdominal band, said band is a part of the cover of roll 10 which roll has flap 21 to lap in and under said strip 22 and holds roll 10 in place, then tightening strips 24 are placed over the body or lower stomach and tightened or knotted together and form an abdominal band, said band is a part of the cover of roll 11 which roll has flap 23 to lap in and under said strip 24 and holds roll 11 in place. Flap 21 can be lifted up and permits roll 10 to be removed so that the filler material may be removed to permit laundering of the cover. Likewise flap 23 can be lifted up and permits roll 10 to be removed so that the filler material may be removed to permit laundering of cover. Said rolls being further held in place by corset 15, binding strip 14 and stitched lines 16.

By raising the buttocks by the use of my device the person who is using it has his bladder put in a reflex position in relation to the intestines and thus prevents a spilling over of the bladder and the leakage of same while asleep. When the pressure is great enough the person wakes up. Three rolls or any modification may be applied.

Doctors have ascertained by experiment with my device that its use does prevent a spilling over of the bladder and by its use effects a cure of this most disagreeable occurrence as it gives the muscles and sinews a chance to strengthen themselves and after a time my device may be completely dispensed with. My device is particularly adapted to children of tender years but also can be used by older persons. It may also be used effectively for dropped stomach, ptosis and other post-operational needs.

While I have illustrated my invention in different ways and using different materials and means, still I do not intend to limit myself to those particular means, designs, methods, materials, or uses, as it is apparent that other means, designs, methods, materials and uses may be employed for obtaining the same or other results within the scope of any claim without departing from the scope or spirit of my invention.

I claim:

A device as herein described, comprising in combination, a body portion fitting snugly around the waist and buttocks and laced in front by means of a tape, and attached thereto a large and a small removable roll, a band to hold said rolls in place and stitching to divide the holding space so that each roll is individually held, covers for said rolls containing on each end a semi-flap to hold the rolls in place, said cover also having two strips on the ends thereof of sufficient length to extend and tie over the body portion after the body portion has been fastened, a crotch portion extending from said body portion and having two bands at each end thereof and loops attached to the outer lower extremity of said body portion so that the straps from the crotch portion can be looped and tied about each leg at the crotch.

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