

July 1, 1958

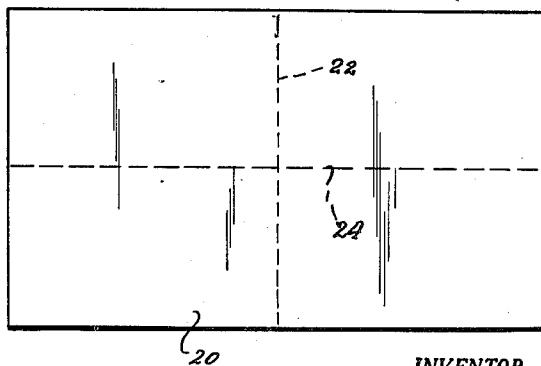
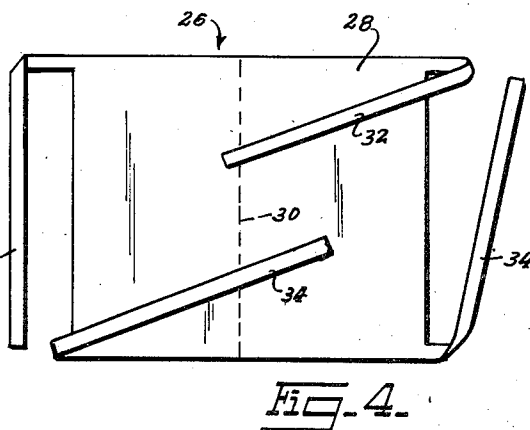
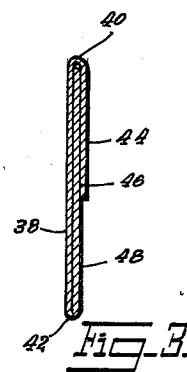
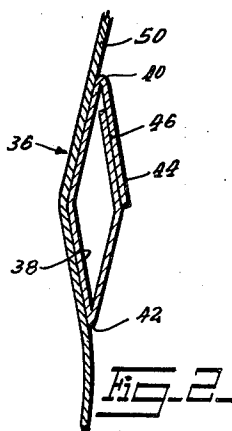
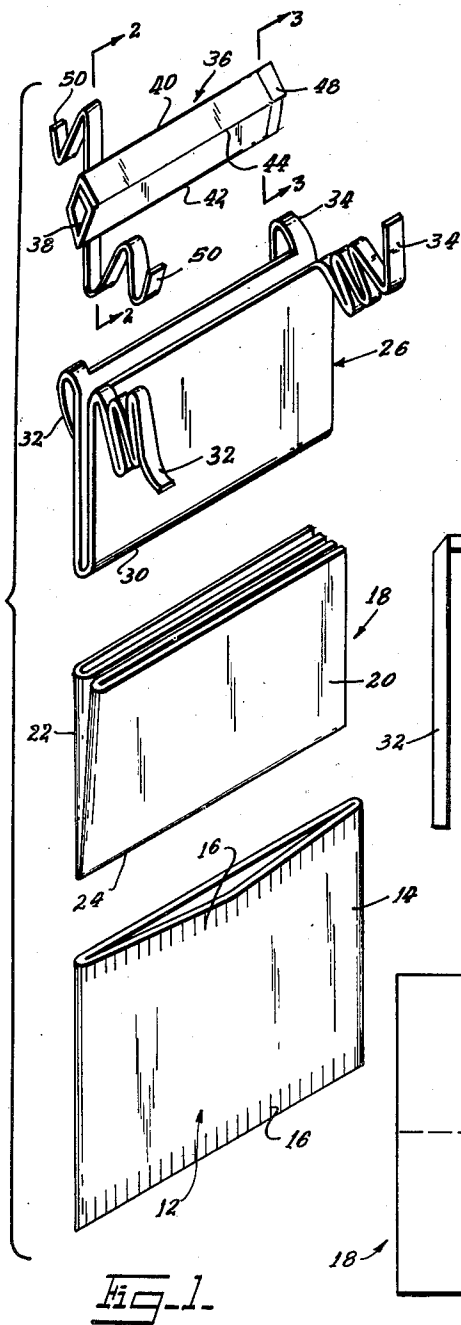
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2,841,147

DISCARDABLE HYGIENIC KIT

Filed Nov. 17, 1954

2 Sheets-Sheet 1



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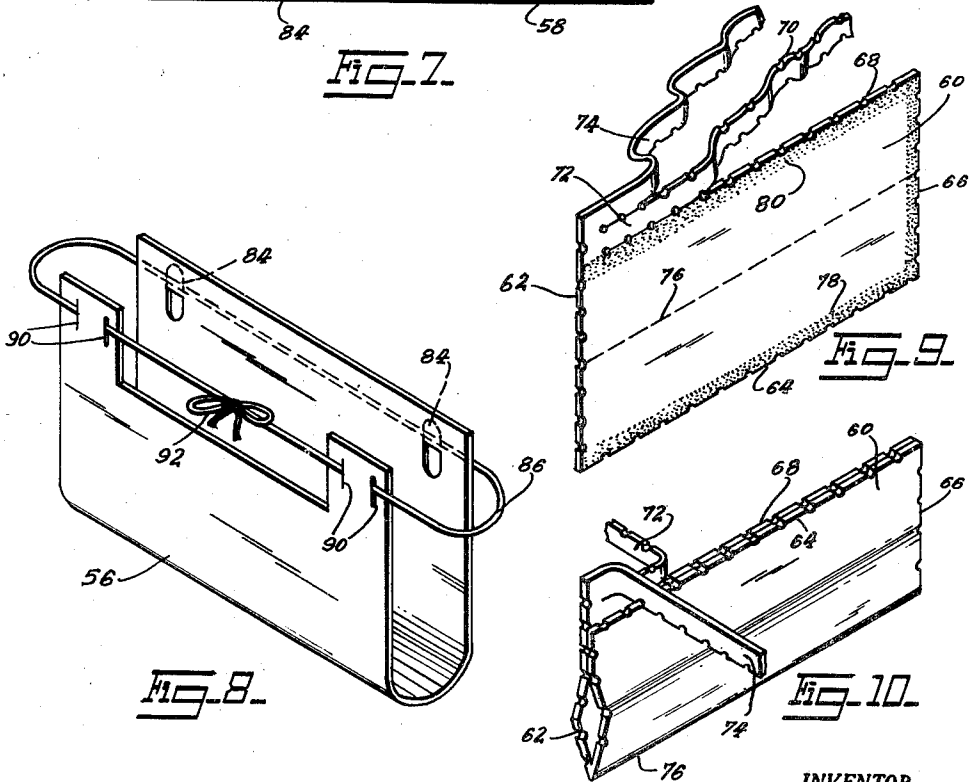
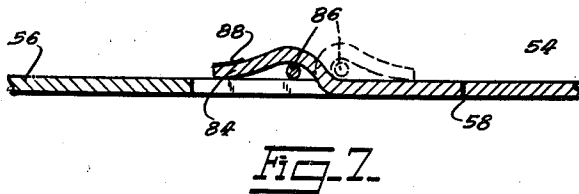
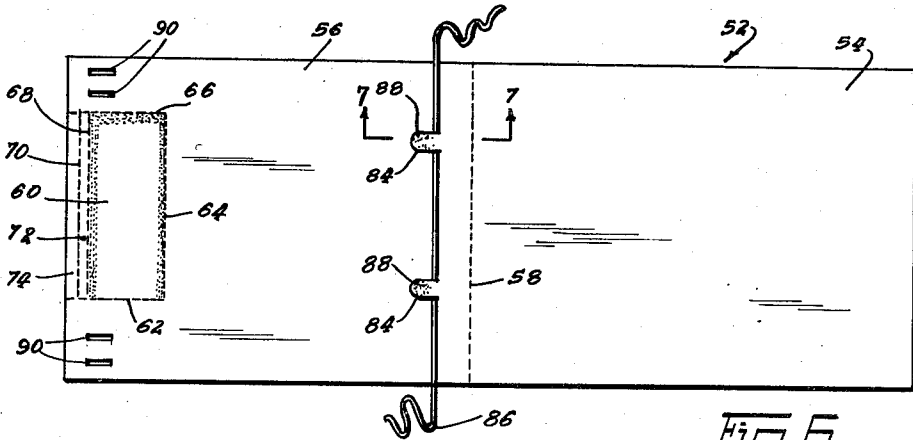
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DISCARDABLE HYGIENIC KIT

Filed Nov. 17, 1954

2 Sheets-Sheet 2



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2,841,147

DISCARDABLE HYGIENIC KIT

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Application November 17, 1954, Serial No. 469,418

2 Claims. (Cl. 128—275)

This invention relates to a disposable kit, designed to be discarded after a single use, and adapted to be used by a couple during and following the act of sexual intercourse.

The main object of the invention is to provide a kit as described which will make it unnecessary to leave the bed after intercourse for the purpose of cleaning one's person. To this end, the kit, summarized briefly, includes three main components, all formed of highly absorbent, disposable material such as that used, for example, in the manufacture of disposable diapers, said components including a bed sheet cover adapted to protect the bed clothes during the act of intercourse, a diaper-like apron adapted to be placed over the disposable sheet cover and used by the female as a sanitary wiping element following the act, and a tubular covering for the male organ, also formed of a disposable paper material or the like, and adapted to be placed over the organ following the act to prevent spillage upon the bed sheet.

Another object of importance is to provide a kit as stated which can be manufactured at comparatively low cost, while still being wholly sterile and effective in the discharge of its assigned functions.

A further object of importance is to provide, in at least one form of the invention, a single blank of disposable material, having score lines and openings so formed therein as to permit said blank to be separated by the ultimate purchaser into the three main components hereinbefore referred to.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:

Fig. 1 is an exploded perspective view of a kit in accordance with the invention.

Fig. 2 is an enlarged transverse sectional view through the male organ cover element substantially on line 2—2 of Fig. 1.

Fig. 3 is an enlarged transverse sectional view on line 3—3 of Fig. 1.

Fig. 4 is a plan view of the diaper-like apron.

Fig. 5 is a plan view of the bed sheet cover.

Fig. 6 is a plan view of a modified form in which the three components are formed from a single piece of material.

Fig. 7 is an enlarged sectional view on line 7—7 of Fig. 6.

Fig. 8 is a perspective view of the diaper element or apron in the modified form, as it appears when in use.

Fig. 9 is a perspective view, on an enlarged scale, of the protective cover for the male organ, after separation from the blank shown in Fig. 6 and before folding for use.

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Fig. 10 is a view similar to Fig. 9 showing the protective cover for the male organ ready for use.

The reference numeral 12 has been applied generally to a flat, rectangular pouch of paper material or the like, which pouch can be formed in any suitable manner, as for example, in a flattened tubular shape with open ends crimped closed as at 16 to sealably retain the three main components of the kit, while the kit is awaiting sale. The container 14 can be opened at either end, and when open, permits the removal of a diaper-like apron, a male organ cover element, and a bed sheet cover. The bed sheet cover will be first described and has been designated generally at 18. This comprises simply a preferably rectangular piece of highly absorbent, soft, disposable material such as the paper used in the manufacture of disposable diapers for infants. The sheet cover 18 includes a rectangular body 20, foldable along a transverse fold line 22 and along a longitudinal fold line 24 for insertion in the pouch or container 12. When the cover has been removed from the pouch, it is unfolded as in Fig. 5, and is placed over the bed sheet at a selected location, partially covering said bed sheet and protecting the same during the act of intercourse.

The apron element for the female has been designated generally at 26, and is used following the act of intercourse as a sanitary wiper for the female organs, so as to make it unnecessary for the female to leave the bed following the act of intercourse.

The apron 26 includes a rectangular body 28 which may be substantially smaller in area than the bed sheet cover 18, said body 28 being foldable along a line 30 for insertion in the pouch 12. When removed from the pouch, the body 28 is unfolded as in Fig. 4, and at the several corners of the body outwardly extended ties 32, 34 are integrally formed. The apron element 26, after being used as a sanitary wiper, can be extended diaper fashion about the loins of the female, after which the ties 32 and 34 at each side of the article are tied in a bow or the like, to hold the same in place about the loins.

The third component of the kit has been designated generally at 36, and comprises a tubular, elongated protective covering for the male organ, one end of which is closed and the other end of which is open for insertion of the organ. The tubular element 36, accordingly, can be formed from a rectangular piece of disposable, absorbent paper 38, similar to the material used for the apron 26 and bed sheet cover 18. The piece 38 is folded along spaced, parallel longitudinal lines 40, 42, and the overlapping side edges 44, 46 of the so folded piece are adhesively connected as shown in Fig. 2. At one end, the flattened tubular article resulting from the folding of the sheet 38 is closed as at 48, it being understood that a suitable adhesive or the like would be employed for this purpose.

At its open end, the tubular cover has an elongated ribbon-like element 50 secured to one side thereof, to provide ties.

In use, the tubular element 36 is placed over the penis following the act of intercourse, to prevent leakage or spillage or soiling of the bed sheet. Thereafter, the ties 50 are extended about the tubular element, to tie the same tightly about the base of the organ, thereby to eliminate the possibility of the protective element accidentally coming off.

In this way, it becomes unnecessary for the male to leave the bed following intercourse.

In Figs. 6-10 there is shown a modified form designated generally at 52, wherein the three main components are all formed from a single sheet or blank of disposable paper material, suitably scored and otherwise formed to facilitate separation of the same into the de-

sired components of the kit. Thus, the elongated, rectangular blank at one end includes a rectangular bed sheet cover 54, the other end of the blank comprising the diaper or apron element 56. These elements are integrally connected at one end, and where integrally connected are divisible through the provision of a score line 58 extending transversely of the blank.

At that end of the diaper or apron 56 remote from the bed sheet cover 54, there is provided a male organ cover element 60, which when the article is merchandised, is in the form of a rectangular member the ends of which are spaced inwardly from the opposite sides of the apron 56. The ends of the element 60 are designated at 62 and 66, and are marked by score lines, and between the inner ends of the score lines extends a longitudinal score line 64.

The article shown in Fig. 6 would be folded as necessary and sold in a pouch 12. Thereafter, when the article is removed from the pouch, the bed sheet cover is torn off along the line 58, after which the male organ cover member is torn off along the lines 62, 64, 66.

When the element 60 is torn away, it appears as in Fig. 9, said element 60 including a longitudinal score line 68 extending from the line 66 but terminating short of line 62, the line 68 extending in parallel relation to the line 64. A score line 70 extends in closely spaced parallel relation to line 68, and also extends from the end score line 66 to a location short of the other end score line 62. Lines 68, 70 cooperate to define elongated ties 72, 74 which, when the blank is torn along the lines 63, 70, appear as in Fig. 9.

The blank of the male organ cover member 60 has a longitudinally and centrally disposed fold line 76 extending fully from the line 62 to the line 66. As a result, the blank is foldable along the line 76 as shown in Fig. 10, so as to position in registration the lines 64 and 68, and the respective end portions of the line 66. Adhesive 78, 80, extends longitudinally of the blank adjacent lines 64 and 68, respectively, and adhesive also extends along the line 66. As a result, when the article is folded as in Fig. 10, the adhesive takes effect and closes the article along the line 64, and also at one end. This provides a tubular element closed at one end similarly to the element shown in the first form of the invention, the ties 72, 74 being extendible in opposite directions about the open end portion of the tubular element to permit the same to be tied with suitable tightness about the penis when applied thereover.

When the apron 56 is removed, and is separated from the blank 60, it is capable of being arranged as in Fig. 8. In this connection, adjacent the line 58, the apron 56 is formed with transversely spaced, struck out tabs 84, which when the article is sold hold in place an elongated tie 86 which may be formed of a suitable length of string or the like. When the apron is to be used, the tie 86 is moved from the full to the dotted line position

of Fig. 7, and the tabs 84 are folded over the newly positioned tie, to the dotted line position of Fig. 7. Adhesive 88 on the tabs now causes said tabs to be engaged with the adjacent end portion of the apron body, to hold the tie in place. The apron body may now be positioned over the loins of the female, after being used as a wiper member. In this connection, at that end of the apron body remote from the tabs, there are provided transversely spaced pairs of slits 90 located at opposite sides of the recess defined by removal of the element 60. The free end portions of the tie 86 are extendible through slits 90 as shown in Fig. 8, after which the ends of the tie are tied together in a bow at the front of the user as at 92.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

Having thus described my invention, what I claim as new, and desire to secure by United States Letters Patent is:

1. A sanitary diaper comprising a rectangular sheet of disposable absorbent paper material constituting a diaper member, tabs spaced along one end edge thereof, the other end edge thereof having pairs of spaced slots in transverse alignment adjacent its corners, and a tie string threaded loosely through said tabs and slots.

2. A blank for forming a plurality of sanitary elements comprising a rectangular sheet of disposable absorbent paper material with score line across the longitudinal center thereof constituting a detachable bed sheet cover on one side of the line and a detachable diaper on the other side thereof, the diaper side having U-shaped slits spaced transversely adjacent the center score line constituting tabs, said diaper side having a pair of closely spaced slots disposed longitudinally of the sheet adjacent the corners at the free end thereof, said diaper side having spaced score lines at the free end thereof disposed parallel to the short side of the sheet, and score lines connecting the ends of said parallel lines, and adhesive on the sheet material along said parallel and connecting lines inwardly thereof, said parallel and connecting score lines constituting a detachable panel adapted to be shaped in tubular formation.

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