April 14, 1931. D. MARINSKY 1,800,739

SANITARY NAPKIN

Filed March 20, 1929

Fig. 1,

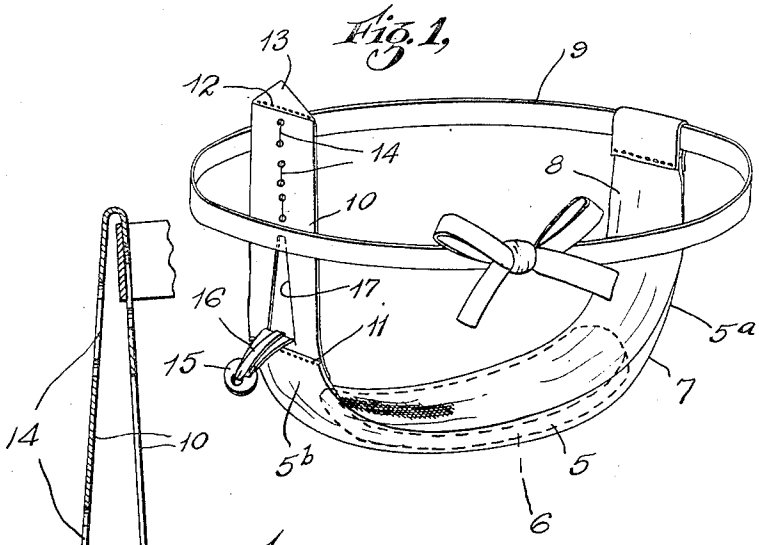


Fig. 2,

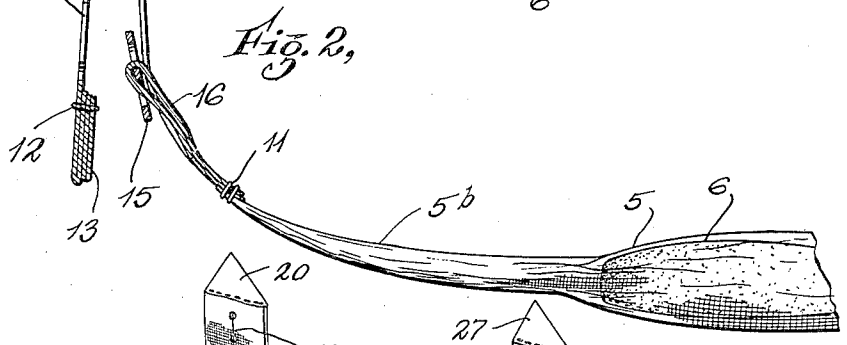


Fig. 3,

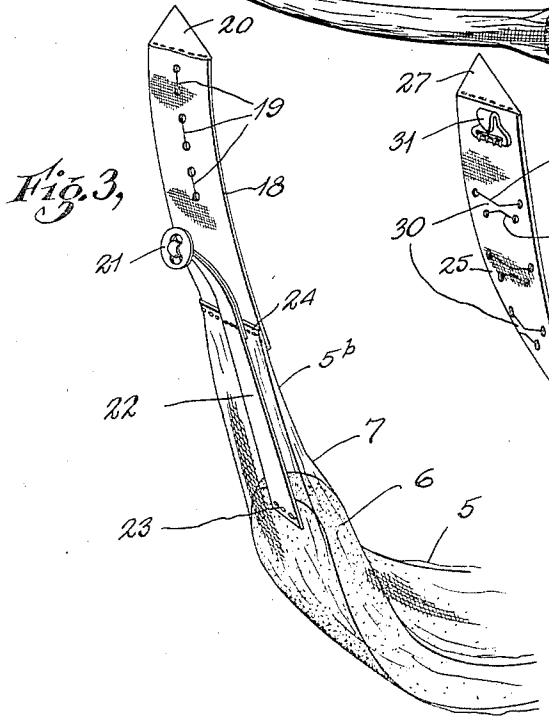
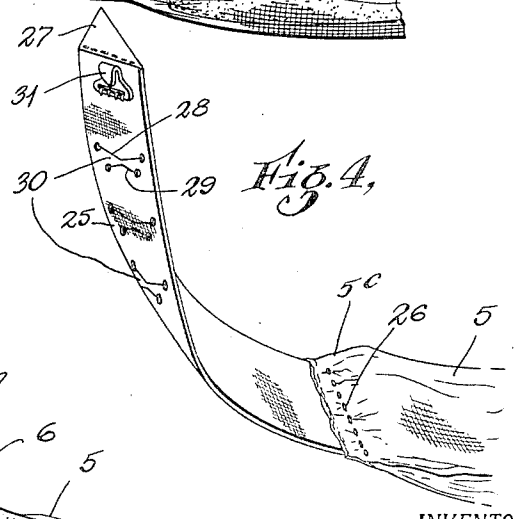


Fig. 4,



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Patented Apr. 14, 1931

1,800,739

UNITED STATES PATENT OFFICE

DAVIS MARINSKY, OF NEW YORK, N. Y.

SANITARY NAPKIN

Application filed March 20, 1929. Serial No. 348,382.

This invention relates to sanitary napkins and particularly to devices of this class including as a unit part thereof, supporting means therefor; and the object of the invention is to provide an article of manufacture of the class specified to one end portion of which is fixedly or movably attached a waist encircling band, and means at the other end portion thereof for detachably and adjustably supporting said end portion in connection with said band in supporting the device upon the body of the wearer; a still further object being to provide at the second named end portion of the device, coupling means for detachably and adjustably supporting the same, which is made from said end portion of the device and includes a button or other coupling device; a further object being to provide a napkin of the class specified, to one end portion of which is attached a coupling tab which is attached to the material of the napkin at said end as well as to the padding material employed; a still further object being to provide means for supporting a napkin upon the body of the wearer so that said supporting means will lie flatly or in close proximity to the body of the wearer to avoid any bulging or projecting appearance; and with these and other objects in view, the invention consists in a device of the class and for the purpose specified which is simple in construction, efficient in use, and which is constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which:—

Fig. 1 is a perspective view of one complete device made according to my invention, illustrating parts in extended position.

Fig. 2 is a sectional detail view of one end portion of the device shown in Fig. 1, with parts in a different position.

Fig. 3 is a view similar to Fig. 1 showing only a part of the construction and showing a modification; and,

Fig. 4 is a view similar to Fig. 3 showing another modification.

In the several figures, the reference numeral 5 designates a napkin proper of conventional or any desired form and construction which is made up of a central pad body 6 enclosed in an outer casing or jacket 7, the latter being composed of inexpensive fibrous material preferably of an absorbent nature such for example as cheese-cloth, the pad 6 being composed of paper, cotton or other highly absorbent material. At one end 5*a* of the napkin, preferably the rear end, is formed a short coupling tab or member 8 in connection with which a waist encircling strap, band or string 9 is coupled, the tab 8 being preferably made of strong material of a closely woven nature and being stitched or otherwise secured to said end 5*a* of the napkin.

Secured to the other end 5*b* of the napkin is a coupling tab 10 which as seen in Figs. 1 and 2 of the drawing is made from a single sheet of material preferably of an inexpensive but strong and durable texture. This tab is stitched or otherwise secured to the end portion 5*b* of the napkin as seen at 11, and the free end of said tab is preferably folded upon itself and stitched as seen at 12 to form a finished end 13.

Arranged centrally and longitudinally of the tab 10 is a series of slits 14 which terminate at their ends in circular apertures forming of said slits, buttonholes adapted to receive a button 15 attached to the tab 10 by cutting a tongue portion 16 therefrom, thus leaving an elongated aperture 17 in the tab, the free end of the tongue portion 16 being threaded through the apertures in the button 15, note Fig. 2, and extends down to the attached end of the tab and is secured in position by the line of stitchings as at 11. In other words, the button 15 is secured to the tab 10 and said tab is attached to the end 5*b* of the napkin by one line of stitching.

In the use of the device as seen in Figs. 1 and 2 of the drawing, the strap member 9 with one end of the napkin attached thereto is passed around the waist of the wearer, after which the tab 10 of the napkin is placed beneath the band 9 and is then folded down-

wardly over said band, and the button 15 is passed through one of the button-holes 14 as partially indicated in Fig. 2 of the drawing.

The series of button holes are employed to adjust the length of the napkin structure as a whole, it being understood that the arrangement of the band 9 upon the body of the wearer, also cares for this adjustment. It will be apparent that with my improved construction, the forward end of the napkin may be detached from the band 9 from time to time, without releasing said band from the body of the wearer, and this applies to the other forms of construction shown aside from the specific type of securing means employed.

In Fig. 3 of the drawing, I have shown a tab 18 attached to the end portion 5*b* of the napkin and this tab is substantially of the same form and construction as the tab 10 and is provided with a plurality of button-holes 19 similar to the button-holes 14, the free end of the tab being finished as seen at 20. Instead of cutting out a portion of the tab to form the supporting means for a button 21 similar to the button 15, I attach an independent strip or tape 22 to the napkin at the end portion 5*b* where the end of the pad 6 is positioned by stitchings 23 which pass through the tape 22, the fabric casing 7, as well as the end portion of the pad 6. This tape extends upwardly and is threaded through the apertures in the button 21 and its free end portion is arranged upon the tape 22 and is stitched to the napkin by a line of stitching 24, which in addition to securing the tape 22 in position also secures the lower end of the tab 18 to the end portion 5*b* of the napkin.

In Fig. 4 of the drawing, I have shown another modification wherein a tab 25 of relatively strong material is attached to a short end portion 5*c* of the napkin by stitchings 26 which also preferably pass through the end portion of the padding, the same as in the structure shown in Fig. 3 of the drawing in the attachment of the tape 22 as at 23. The tap 25 has a finished end 27 and substituted for the button-holes 14—19, I provide a plurality of pairs of transverse cuts 28—29 forming centrally of the tab and spaced longitudinally thereof, comparatively short, transverse strap members 30 adapted to be engaged by a hook or other similar fastening device 31 attached to the free end portion of the tab, this coupling being made after the end portion of the tab has been folded around the waist encircling band and upon the adjacent portion of the tab as with the structure illustrated in Fig. 2 of the drawing, the hook engaging one of the straps 30 to support the napkin in proper position upon the waist encircling band.

The structure shown and described in this application is an improvement on that shown and described in a prior patent granted to me March 12, 1929, and numbered 1,705,194 as well as a structure disclosed in a prior Patent No. 1,734,499 granted to me November 5, 1929.

The distinctive features of the present structure reside in the provision of a tab end portion including as a unit part thereof the detachable coupling means for the forward end portion of the napkin as well as the provision of means for extending the tab or a tab body to that part of the napkin containing the absorbent pad, and attaching the tab body to said pad to reinforce and strengthen the entire napkin structure.

It will be understood that while I have shown certain details of construction for carrying my invention into effect, that I am not necessarily limited to these details, and various changes in and modifications of the construction herein shown and described may be made within the scope of the appended claims without departing from the spirit of my invention or sacrificing its advantages.

Having fully described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. The combination with a body encircling band of a sanitary napkin of the class described, one end of which is coupled with said band and a coupling tab integral with the other end of said napkin, said tab being foldable around said band in coupling the same therewith, said tab having spaced apertured portions and a coupling member adapted to engage one of said apertured portions in securing the tab against displacement from said band, said coupling member being supported in connection with the tab by a strap member cut from the material of said tab.

2. The combination with a body encircling band of a sanitary napkin of the class described, one end of which is coupled with said band and a coupling tab at the other end of said napkin, said tab being foldable around said band in coupling the same therewith, said tab having spaced apertured portions and a coupling member adapted to engage one of said apertured portions in securing the tab against displacement from said band, said coupling member being supported in connection with the tab by a strap member cut from the material of said tab, and said strap member and tab being secured to the napkin by one line of stitching.

3. A sanitary napkin comprising an absorbent pad, a fabric casing for said pad and extending beyond the ends thereof, a waist encircling band coupled with one end of the casing, the ends of said band being adapted to be attached in supporting the same upon the body of the wearer and a tab permanently attached to the other end of the casing, said tab being detachably coupled with said band when mounted in position, said tab having longitudinally spaced apertures and a cou-

pling member flexibly attached to the tab and adapted to be passed through one of said apertures in adjustably supporting said end of the casing of the napkin in connection with said band, and the attachment of said coupling member to the tab being formed by a relatively thin strip of material.

4. A sanitary napkin comprising an absorbent pad, a fabric casing for said pad and extending beyond the ends thereof, a waist encircling band coupled with one end of the casing, the ends of said band being adapted to be attached in supporting the same upon the body of the wearer and a tab permanently attached to the other end of the casing, said tab being detachably coupled with said band when mounted in position, said tab having longitudinally spaced apertures and a coupling member flexibly attached to the tab and adapted to be passed through one of said apertures in adjustably supporting said end of the casing of the napkin in connection with said band, and the attachment of said coupling member to the tab being formed by a relatively thin strip of material cut from the material of said tab.

5. In a sanitary napkin of the class described, an absorbent pad, a fabric casing in which said pad is mounted and a coupling tab permanently attached to one end of said casing and of a width substantially equal to that of said casing, said tab having longitudinally spaced apertures and a member flexibly attached to the tab and adapted to be passed through one of the apertures therein in adjustably supporting said end of the casing, and the attachment of said member to the tab being formed by a comparatively narrow strip fashioned from the material of said tab.

6. In sanitary napkins of the class described comprising an elongated fabric casing containing an absorbent pad and a body encircling band coupled with one end of the casing, a coupling tab permanently attached to the other end of the casing adapted to be looped around said band, the free end portion of said tab having an aperture, a coupling member flexibly attached to the inner end of the tab and adapted to be passed through said aperture when the end of said tab is looped around said band to secure the tab to the band, and said member comprising a button and the attachment thereof to the tab comprising a flexible strip looped through said button.

In testimony that I claim the foregoing as my invention I have signed my name this 18th day of March, 1929.

DAVIS MARINSKY.