

(No Model.)

D. SCOTT.
SURGICAL BANDAGE.

No. 598,016.

Patented Jan. 25, 1898.

FIG. 1.

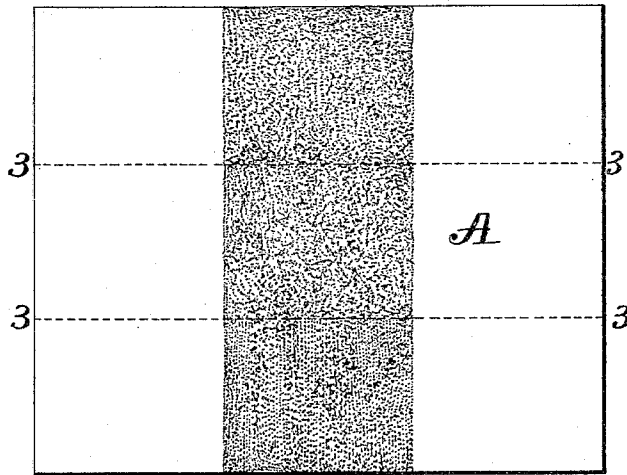


FIG. 2.

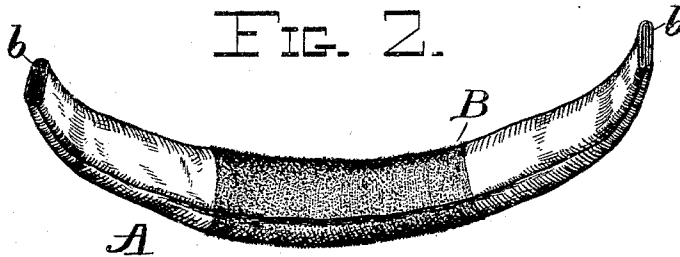
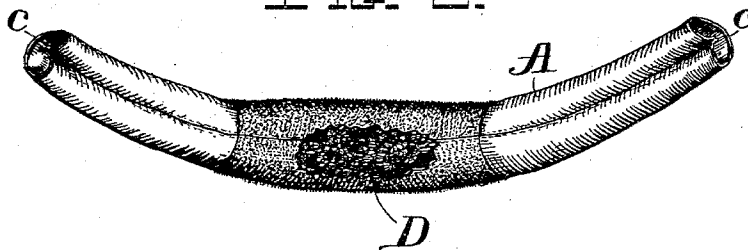


FIG. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

DUGALD SCOTT, OF MANCHESTER, ENGLAND.

SURGICAL BANDAGE.

SPECIFICATION forming part of Letters Patent No. 598,016, dated January 25, 1898.

Application filed April 14, 1892. Serial No. 429,218. (No model.) Patented in England December 8, 1891, No. 21,400.

To all whom it may concern:

Be it known that I, DUGALD SCOTT, a subject of the Queen of Great Britain and Ireland, residing at Manchester, county of Lancaster, England, have invented Improvements in the Manufacture of Surgical Bandages, Napkins, or Diapers and Similar Articles, (for which I have obtained British Patent No. 21,400, dated December 8, 1891,) of which the following is a specification.

My invention relates to improvements in sanitary towels for use by women during periods of menstruation; and it consists of certain novel features hereinafter described and claimed.

Reference is had to the accompanying drawings, in which the same parts are illustrated by the same letters throughout the several views.

Figure 1 represents a view of a towel made of bleached-cotton weft-cut-pile fabric, and before being folded. Fig. 2 represents a side elevation of a similar towel as folded for use; and Fig. 3 represents a side elevation of a similar towel made into a tube or casing with the weft cut pile outward and partly stuffed with absorbent material, so as to form a pad at or near the middle of its length.

A represents a towel or strip of bleached-cotton weft-cut-pile fabric which may be folded as shown in the drawings or in any other convenient way to form the sanitary towel B of Fig. 2, the ends *b* of which may be secured to a belt or other support in any convenient way. This towel should be so folded as to have the weft cut pile outward. The soft velvety absorbent surface prevents chafing and gives a hitherto-unattained degree of comfort to the wearer.

In the form of sanitary towel shown in Fig. 3 the strip A of Fig. 1 is cut, as at 3, and the two parts thereof are sewed into hollow tubes or elongated bags or casings, and about the middle of each tube a mass D of cotton or other like absorbent material is placed, which material is preferably impregnated with a suitable antiseptic. The ends *c* of the tube

may be bent up and fastened to a belt or other support, or suitable straps or tapes may be attached to the ends of the tube, whereby the same may be held in the proper position on the wearer.

Whether the form of towel be that shown in Fig. 2 or that shown in Fig. 3, the soft velvety surface next the flesh not only gives the feeling of comfort aforesaid, but also the capillary action of the bleached pile surface causes the fluid-discharge to run quickly in toward the center of the mass of absorbent material without spreading laterally to any great extent. Moreover, this rapid capillary action in a large measure prevents the coagulation of the fluids on the surface of the bandage and thus prevents accidents to the clothing of persons affected with copious discharges.

The fabric used is composed of bleached cotton, with a cropped, singed, and brushed weft cut pile, but unfinished (as usual with velveteens) with wax or other moisture-repellent substance. The special advantage of having this fabric bleached is that the natural oil in cotton fiber has been mostly removed in the process of bleaching, thus rendering the same far more absorbent than unbleached cotton.

The fabric described furnishes an eminently comfortable and efficient sanitary towel which at the same time is so cheap that it can be burned after use without material loss.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is--

A bleached-cotton fabric with a cropped, singed and brushed weft cut pile, for the purposes set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

DUGALD SCOTT.

Witnesses:

JNO. HUGHES,
WALTER GREG.