

FLEXIBLE SANITARY NAPKIN

ABSTRACT

The present invention relates to menstrual absorbent articles, such as female sanitary napkins which are designed to be worn in and attached to a thong slips or G-string undergarment. In general absorbent articles for wearing with and attached to an undergarment should be designed to follow the shape of the undergarment where they are attached. For a thong slip this results in a sanitary napkin or panty liner having a wider front end and a narrower rear end. This design can also be described as triangular shape or trapezoidal shape. According to the present invention such thong shaped menstrual absorbent articles are provided in a construction in which the kind and amount of material, in particular for the absorbent core, and construction of the article, is selected such that the flexure resistance of the article remains below a critical value. In conjunction with the intimate wearing conditions achieved by the use of a thong slip this results in fitting of the sanitary napkin of the present invention in a very close proximity to the wearer body contour providing for 'absorption at source' and little, if any space for liquid to escape. Articles constructed according to the present invention will display an absorbent and leakage performance in use, which surpasses even articles with a substantially higher amount of absorbent material.

Fig. 1