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C. L. FANCHER

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DIAPER PAD

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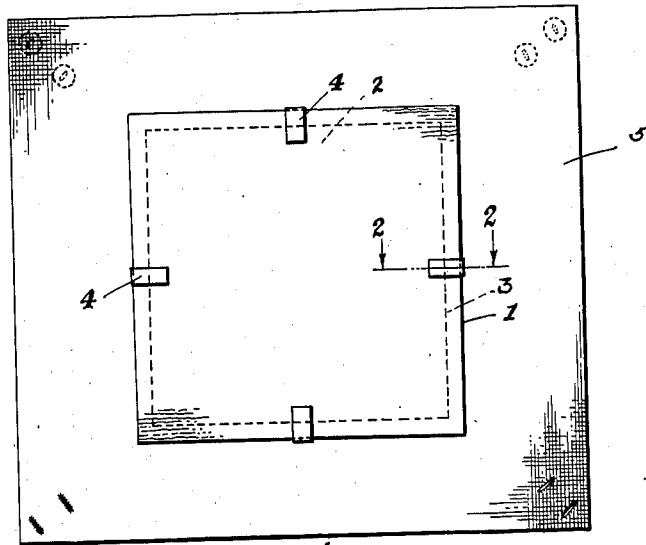


Fig. 1

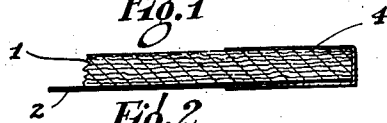


Fig. 2

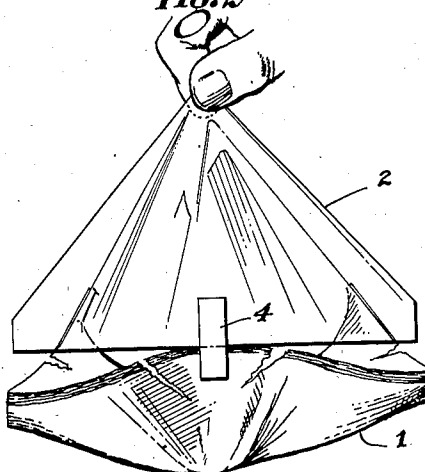


Fig. 3

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DIAPER PAD

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2 Claims. (Cl. 128—284)

My invention is an improvement in diapers, and relates more particularly to diaper pads.

It is one of the objects of my invention to provide a diaper pad which is quite simple of construction and inexpensive to manufacture, and which is sanitary and comfortable to the infant in use.

Another object of the invention is to provide a pad which may be put up and sold as a unit apart from the diaper.

A further object is to provide a pad of highly absorbent material backed by a sheet of waterproof material to which it is secured whereby to permit handling of the wet pad and its disposal without contact with the hands.

Other objects and advantages of my invention will become more apparent as the following description of one embodiment thereof progresses, reference being made to the accompanying drawing, in which like reference characters are employed to designate like parts throughout the same.

In the drawing,

Figure 1 is a plan view of my invention shown applied to a diaper;

Figure 2 is an enlarged section taken on the line II—II of Figure 1, and

Figure 3 is a side elevation showing how the device is gripped to permit the wet pad to become detached from the backing in disposing of the former.

In carrying out my invention, I provide a substantially rectangular layer of a cellulose material which is characterized by high absorbent qualities, and by its ability to easily and quickly disintegrate when wet, thereby rendering its disposal after use quite simple and sanitary. This layer is preferably of sufficient thickness to readily absorb a single discharge in use and is soft and non-irritating to the tender skin of an infant.

The layer 1 is secured to a backing sheet 2 of light water-proof material of an acetate base. This sheet is very flexible and will readily conform to the body. Furthermore, it will be noted that the sheet 2 underlies the peripheral edges of the layer 1 as indicated at 3. In this manner the edges of the sheet 2 are prevented from coming into contact with the infant's body.

The absorbent layer 1 and the backing sheet 2 are secured together at one or more points, as shown at 4, by any suitable means. I prefer to employ short lengths of an adhesive tape 4 which

are caused to adhere to the under surface of the sheet and the upper surface of the layer 1. This tape is also preferably of a material similar to the material of the sheet 2 and is quite flexible. I have shown the parts 1 and 2 secured together at four points, and this arrangement aids in keeping the layers properly centered or positioned and enables easy handling when the layer 1 is to be discarded.

In Figure 3 I have illustrated the manner of discarding the layer 1 when it has been used. The sheet 2 is grasped as indicated near its center and the pad is inverted as shown. The saturated layer 1, due to the nature of the material of which it is made, will readily separate from the sheet 2 in the vicinity of the securing tapes 4, and may be deposited in any receptacle into which it is allowed to drop. It is, therefore, unnecessary for the hands to contact the saturated layer 2 while it is being disposed of.

The device embodying my invention is in the nature of a filler or pad for diapers and, due to its simplicity of construction and easy disposition after use, is highly desirable. The diaper 5 may be used several times with new fillers or pads without the necessity of washing it, since by this invention the pad will take up all the moisture.

While I have described the illustrated embodiment of my invention in some particularity, obviously many others will readily occur to those skilled in this art, and I do not, therefore, limit myself to the precise details shown and described, but claim as my invention all embodiments, variations and modifications thereof coming within the scope of the appended claims.

I claim:

1. A sanitary diaper pad comprising a sheet of waterproof material, a layer of cellulose absorbent material characterized by its ability to disintegrate when wet, and fastening means for securing the layer and sheet together at intervals but permitting said layer when wet to become detached from the sheet for disposal.

2. A sanitary diaper pad comprising a sheet of waterproof material, a layer of cellulose absorbent material characterized by its ability to disintegrate when wet, and non-metallic fastening means for securing the layer and sheet together at intervals but permitting said layer when wet to become detached from the sheet for disposal.

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