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S. COHEN ET AL

QUILTED WATERPROOF PAD

Filed April 23, 1924

Fig. 1.

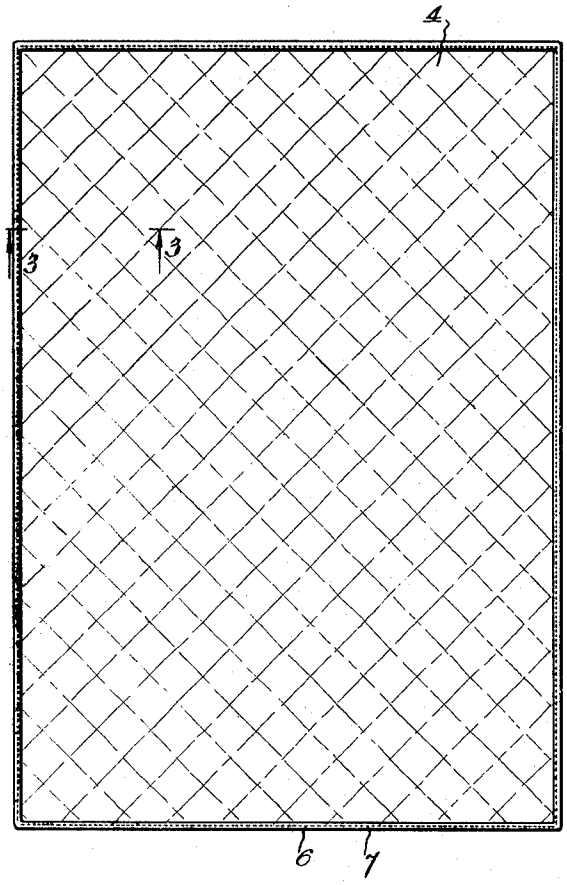


Fig. 2.

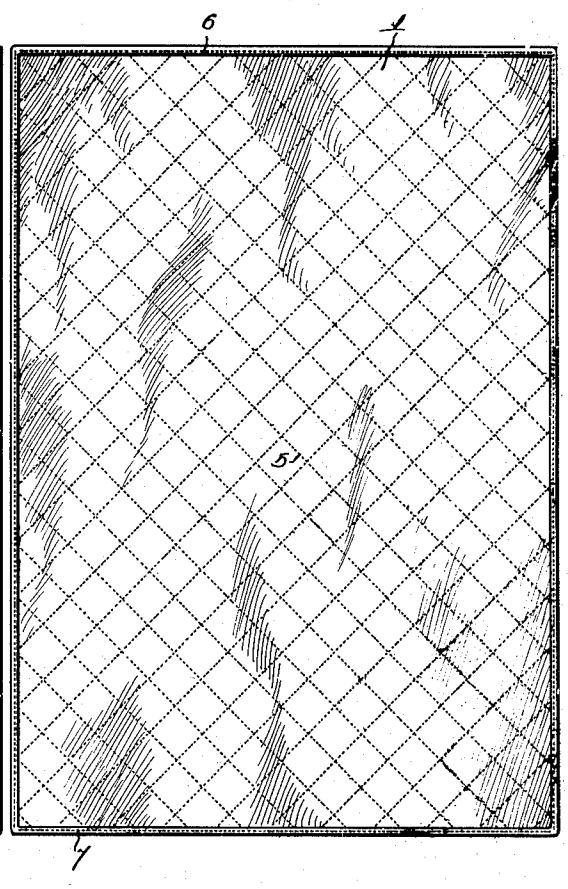
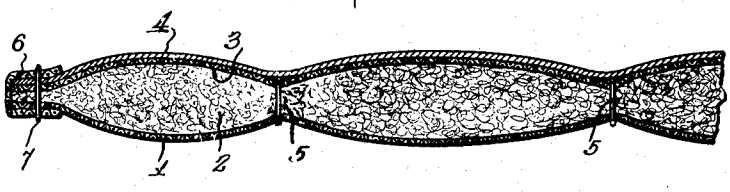


Fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

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QUILTED WATERPROOF PAD.

Application filed April 23, 1924. Serial No. 708,519.

To all whom it may concern:

Be it known that we, SAMUEL COHEN and SAMUEL KILBERG, both citizens of the United States, and residents of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Quilted Waterproof Pad, of which the following is a full, clear, and exact description.

The invention relates to quilted waterproof pads.

An object of the invention is to provide a simple and efficient pad of quilted material provided with a waterproof surface for use in connection with beds, tables, cribs, and mattresses; for use as baby bibs and diapers, for use as doilies, waterproof vests, and in sheet and yard goods, and for use as sanitary slippers, bath mats, automobile radiator covers, sanitary protectors, aprons, and the like.

A further object concerns the provision of a simple quilted pad properly waterproofed, which will have all the advantages of a soft cushion for use in the various above-mentioned connections, in addition to waterproof qualities, wherever to the necessity for a soft cushion or layer of material is added the requirement to avoid injury due to the presence of liquid.

A further object concerns the provision of a simple quilted pad which is constructed in such a manner that it is very flexible so that it may be used in other forms than mere flat sheeting, thereby adapting it for a wide variety of uses.

The invention is illustrated in the drawings, in which—

Figure 1 is a plan view of the device showing the waterproof side uppermost;

Fig. 2 is a plan view of the reverse side;

Fig. 3 is a section taken on the line 3—3 of Fig. 1.

The form of the invention shown in the drawings is a preferred form, although it is understood that modifications in the construction and arrangement of the parts and in the character of the materials used may be adopted without departing from the spirit of the invention as set forth in the appended claim.

In its general aspects the invention comprises two layers of muslin or similar material with an interposed layer of wadding or similar material. These three layers are suitably quilted together by stitching or other means. One of the layers of muslin or similar material is then treated in any desired or well-known manner with rubber, for the purpose of waterproofing it. Preferably the rubber is incorporated more or less intimately with the material of the muslin layer in accordance with any one of several well-known methods. By thus associating the quilted layers with a layer of waterproofing on one side, we combine in one single pad or sheet of any desired form and flexibility, a soft flexible cushion, which has the further advantage of preventing the objectionable contact of liquid with the surface against which the pad may be laid.

In the preferred form of the invention as disclosed in the drawings, 1 represents preferably the bottom layer of the pad and is generally of some material such as muslin; 2 is an intermediate layer of preferably white wadding or similar material, 3 being the upper layer of muslin; 4 is the outer layer of rubber, which may be, and preferably is incorporated more or less intimately by one method or another, with the upper layer of muslin. The two layers of muslin and the intermediate layer of wadding are preferably stitched together to give the same a quilted effect, by means of stitching 5. When the device is thus far finished, its edges are preferably bound with suitable tape material 6 to prevent the wadding from coming out, and to give the edge a firm, lasting character, and this tape material is bound or stitched to the edges of the pad by means of stitching 7.

This single device combines the advantages of an ordinary quilted pad with those of a rubber sheet formed in one article, a device which may be used in place of the two hitherto used separately. Some of the advantages of this device over plain quilted pads are as follows:

(1) As a protector for tables, the plain quilted pad would protect the table only from scratching and heat, whereas this pad will also protect the table from hot or cold water, because preferably in this case the rubber side would be laid against the table surface.

(2) As a bed sheet or mattress protector which is used mostly for sanitary purposes, the liquids will not penetrate through the

rubber sheet, which is preferably faced downward to the mattress or bed, and the use of the pad thereby eliminates the separate sheeting used in conjunction with the usual separate quilted pad. The pad in this use is more sanitary and can be quickly washed and dried.

(3) As a baby's crib pad,—it has been necessary with the ordinary pad to use a rubber sheet, whereas here the separate rubber sheet is taken care of in the rubber surface on one side of the pad.

(4) In connection with the use of the pad as a diaper or an apron or vest, the same idea is incorporated—that the clothing will be protected from liquid,—while, at the same time, the quilting of the other part of the pad will provide sufficient warmth.

What is claimed is:

A bordered quilted water-proof pad which comprises a pair of spaced layers of fabric with a layer of padding therebetween, said three layers being quilted together, and a layer of rubber in the form of a coating upon and suitably incorporated with the outer face of one side of said quilted material, and over and covering the quilting thereof, whereby the pad at the coated side is water-proof throughout including the quilting stitches.

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