

March 15, 1927.

1,621,149

W. R. BLISSITT
MATTRESS AND BED PROTECTOR
Filed Nov. 10, 1924

Fig. 1.

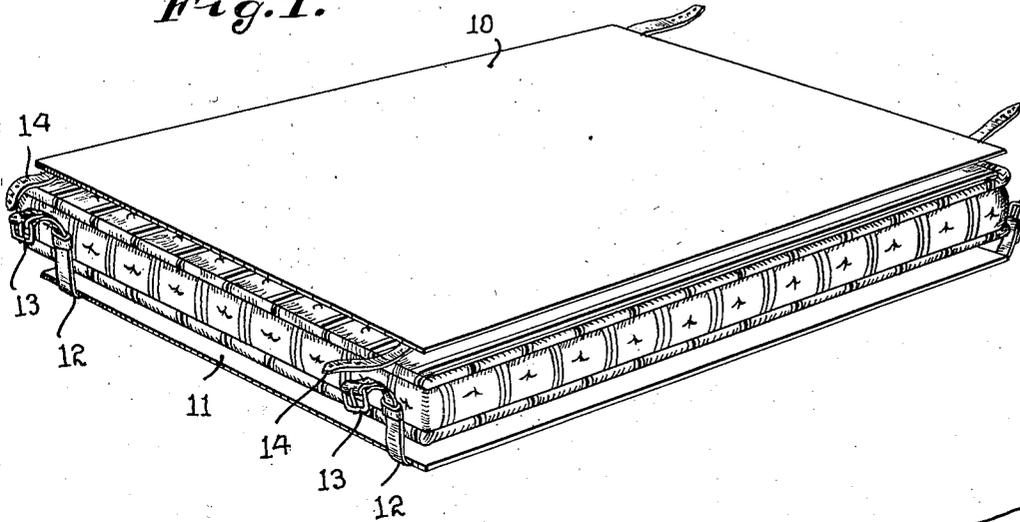


Fig. 2.

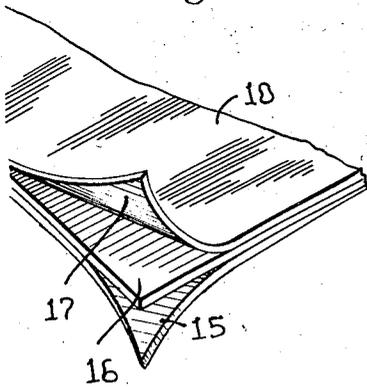
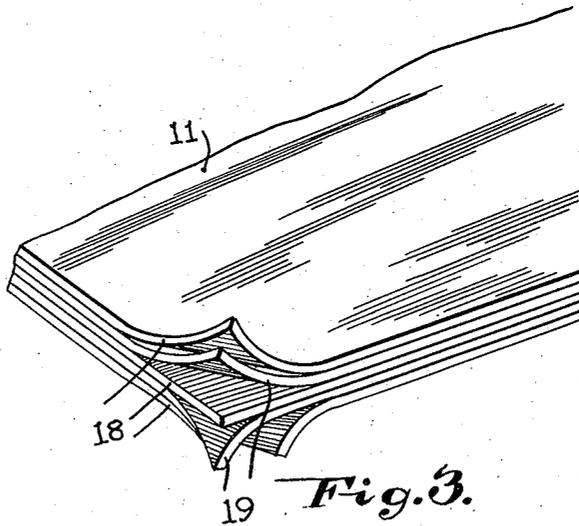


Fig. 3.



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UNITED STATES PATENT OFFICE.

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MATTRESS AND BED PROTECTOR.

Application filed November 10, 1924. Serial No. 749,085.

This invention relates to mattress and bed protectors and has special reference to a mattress and bed protector particularly adapted for use in sick rooms, hospitals and other like places.

One important object of the invention is to provide an improved and simple device of this character which may be readily applied to and removed from a mattress and which, when so applied, will thoroughly protect the mattress from being soiled or stained.

A second important object of the invention is to provide a device of this character wherein the upper part of the device, which comes just beneath the bottom sheet of the bed and is thus close to the patient, is so constructed as to avoid the chilling and other disagreeable effects incident to having a rubber or rubberized fabric close to the body.

A third important object of the invention is to provide an improved construction of this character wherein the upper protector is so arranged as to be freely detachable from the lower protector so that it may be removed, when soiled, in the same manner as the bed sheet and replaced in the same manner that a clean sheet is placed on the bed.

With the above and other objects in view as will be hereinafter apparent, the invention consists in general of certain novel details of construction and combinations of parts hereinafter fully described, illustrated in the accompanying drawings and specifically claimed.

In the accompanying drawings like characters of reference indicate like parts in the several views, and:

Figure 1 is a perspective view showing a mattress with a device ready to be secured thereto.

Figure 2 is a perspective view showing the different layers of the top or cover section of the device, the layers being separated at one corner to better disclose the same.

Figure 3 is a perspective view similar to Figure 2 but showing a portion of the bottom or under protector.

In the embodiment of the invention herein illustrated there is shown a top protector or cover sheet 10 and a bottom protector or under sheet 11. At each end one of these sheets is provided with straps 12 carrying buckles 13 while the other sheet is provided with the straps 14 perforated in the usual manner to co-operate with the buckles 13.

It will thus be seen that the upper sheet or cover sheet 10 can readily be detached from the under sheet, which lies between the mattress and springs, and by the usual laterally folding operation can be withdrawn from beneath the patient so that a clean cover sheet may be placed in position and secured to the bottom sheet, being thus held stretched.

This top sheet 10 consists of three layers, the layer 15 next to the mattress being of rubber and having a layer 16 of cotton fabric secured thereto, a top layer 17 of wool being suitably held on the cotton layer 16. With this arrangement it will be seen that the rubber lies next the mattress and consequently prevents any soiling of the latter, while the wool comes next to the patient and prevents sudden temperature changes such as chilling of the patient's body. It will be obvious that a sheet thus constructed may be readily washed.

The under sheet does not require to be renewed so frequently nor does it come close to the patient. This sheet is made preferably in five layers. The center and outside layers 18 are of rubber while the second and fourth layers 19 are of fibrous material. Thus this undersheet is made heavy enough to resist wear and is thoroughly impervious to moisture from either side.

There has thus been provided a simple and efficient device of the kind described and for the purpose specified.

Having thus described the invention, what is claimed as new, is:

A device of the character described comprising a mattress, top and bottom protectors therefor with each protector comprising layers of material cemented together; the top protector consisting of a sheet having an upper layer of wool, a lower layer of rubber and an intermediate layer of cotton fabric; the bottom protector comprising center and top and bottom layers of rubber and layers of fibrous material between the center rubber layer and the top and bottom layer of rubber; and adjustable means at the four corners of the top and bottom protectors to detachably secure said protector together on opposite sides of the mattress.

In testimony whereof I hereunto affix my signature.

WILLIAM R. BLISSITT.