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1,577,832

C. MAGGI

SANITARY MATTRESS

Filed Sept. 21, 1925

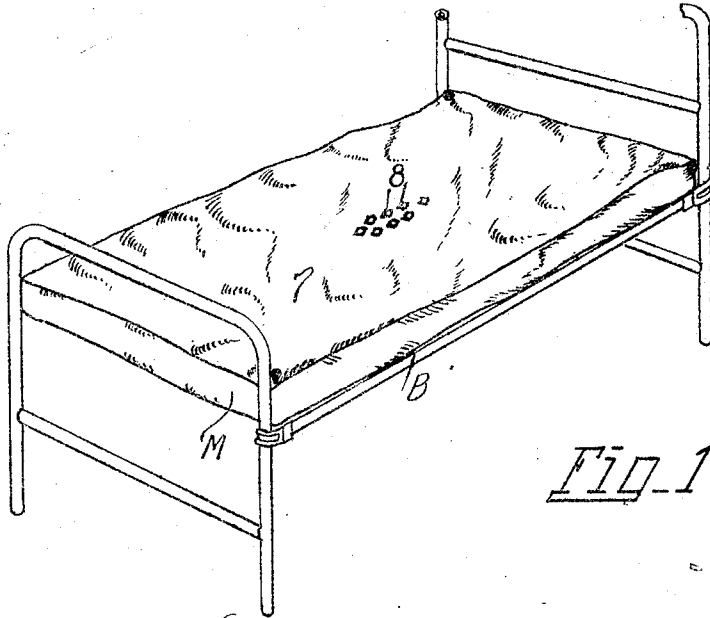


FIG. 1

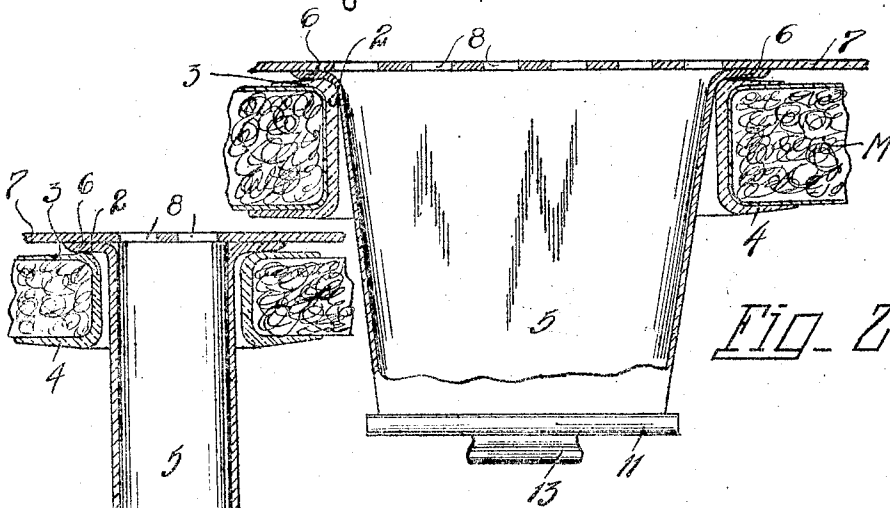


FIG. 2

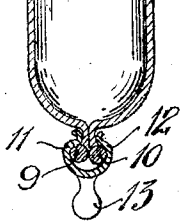


FIG. 3

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# UNITED STATES PATENT OFFICE.

CAESAR MAGGI, OF KELLOGG, IDAHO.

SANITARY MATTRESS.

Application filed September 21, 1925. Serial No. 57,580.

*To all whom it may concern:*

Be it known that I, CAESAR MAGGI, a citizen of the United States, residing at Kellogg, in Shoshone County and State of Idaho, have invented certain new and useful Improvements in Sanitary Mattresses, of which the following is a specification.

My present invention relates to improvements in sanitary mattresses for use with invalid beds as in hospitals and similar places.

The primary object of the invention is the provision of a bed mattress filled or stuffed with suitable material for customary use and provided with means whereby the mattress may with facility be converted for sanitary uses by the invalid. Means are provided for suspending a receptacle in an opening through the mattress and the mattress is equipped with a reinforcement surrounding the opening for the purpose of preventing sagging of the mattress and for maintaining the mattress in proper position for comfort to the patient.

The invention consists essentially in a mattress having an opening therethrough bounded by a reinforcing grommet in which a receptacle is suspended, and a bed sheet from which the receptacle is supported, together with other features as will hereinafter be more specifically pointed out and claimed.

In the accompanying drawings I have illustrated one complete example of the physical embodiment of my invention wherein the parts are combined and arranged according to the best mode I have thus far devised for the practical application of the principles of my invention.

Figure 1 is a perspective view showing a bed equipped with the mattress of my invention.

Figure 2 is an enlarged sectional view of a portion of the mattress showing a receptacle suspended therein, and Figure 3 is a similar view taken at right angles to the plane of Fig. 2.

In order that the general arrangement and relation of parts may readily be understood I have indicated in Figure 1 a bed B of usual construction equipped with the mattress indicated as a whole by the letter M. The mattress may be of suitable or approved type and is filled or stuffed with appropriate filling material as 1.

At a suitable point of location in the mat-

ress it is provided with an opening extending from its upper surface through the lower surface and this opening is bounded by a grommet 2 fashioned in suitable shape and provided with upper and lower flanges 3 and 4. These flanges are permanently secured in suitable manner at the top and bottom faces of the mattress, and the grommet, which is preferably of rubber, is of sufficient thickness to form a semi-rigid retaining wall around the opening and form a binding therefor. By the use of the permanent grommet the mattress is strengthened or reinforced about the opening therein in order that this portion of the mattress may be maintained in the same uniform thickness and shape as the remaining portion of the mattress.

Within this grommet a receptacle 5 is adapted to be suspended and the receptacle which may be fashioned of rubber or similar sanitary material, is fashioned with a top flange 6 that is adapted to be cemented, vulcanized, or sealed in other suitable manner to the under surface of a sanitary, rubber sheet 7 that is adapted to lie upon the top surface of the mattress. The receptacle, which is permanently attached to the rubber sheet, and the sheet are removable from the mattress and the receptacle as shown, is of a size as to permit withdrawal through the grommet, when it is necessary or desirable to change the sheet.

The sheet is provided with a suitable number of perforations 8 and this perforated portion of the sheet forms a top closure for the receptacle, for drainage into the receptacle.

The receptacle is provided with an open bottom, but a removable closure is provided by means of which the open bottom may be sealed up in order that solids or liquids may be retained therein. In some instances the closure may be dispensed with.

For co-action with the closure the open bottom of the receptacle is equipped with a pair of parallel retaining bars 9 and 10 that are secured in casings or the hemmed edges of the receptacle bottom.

The closure comprises a removable resilient or spring clip having a pair of spring jaws 11 and 12 to form a groove that may be slipped over one end of the two retaining bars and then slipped along these bars to

their opposite ends, thereby retaining the bars and the open bottom of the receptacle to form a sealed closure.

5 A handle 13 may be provided on the closure clip for facility in manipulating it in applying or withdrawing the clip to or from the bottom of the receptacle. As before stated the closure may be omitted and a vessel may be placed beneath the open lower end  
10 of the receptacle for the reception of anything passing through the receptacle 5.

When necessary the parts may be removed, separated, and cleansed, with facility and then replaced with convenience, thus providing a device of this character which is  
15 efficient in the performance of its functions and may be utilized with and manipulated with convenience.

Having thus fully described my invention what I claim as new and desire to secure by  
20 Letters Patent is—

The combination with a mattress having an opening therethrough and a grommet in the opening, of a removable sheet, a receptacle in the opening having an open top and  
25 bottom and adapted for withdrawal from said opening, an upper exterior flange on the receptacle secured at the underside of the sheet and adapted to rest upon the grommet, said sheet having a perforated portion forming a top-closure for the receptacle, and a  
30 removable closure for the bottom of the receptacle.

In testimony whereof I affix my signature.

CAESAR MAGGI.