June 2, 1942. T. R. TREIBER 2,284,778

SHEET HOLDER FOR BEDS

Filed Aug. 24, 1940

Fig. 1

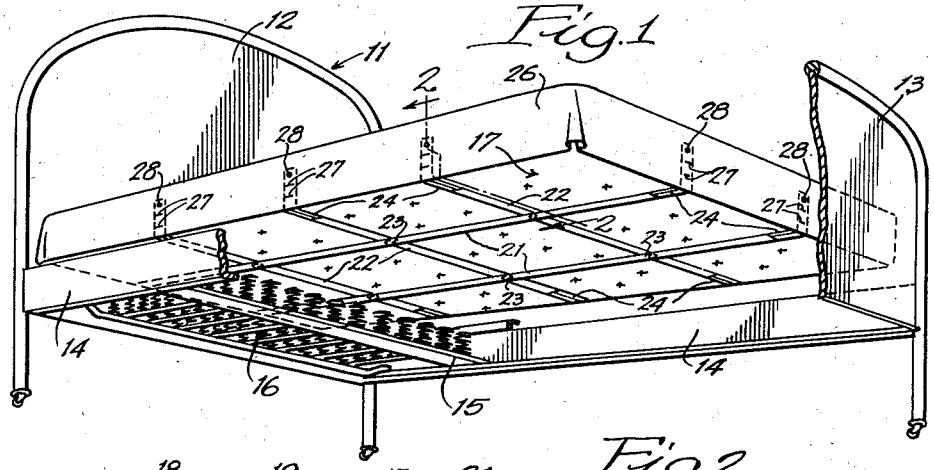


Fig. 2

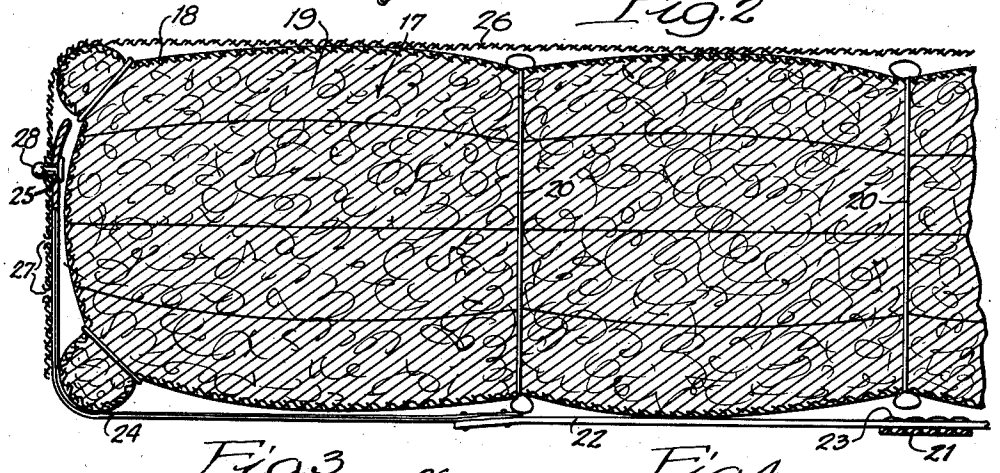


Fig. 3

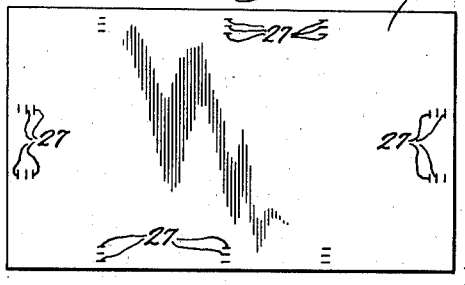


Fig. 4

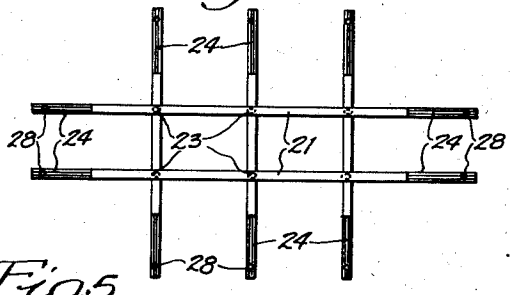
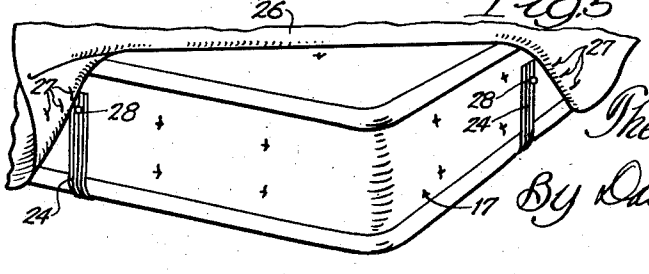


Fig. 5



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UNITED STATES PATENT OFFICE

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SHEET HOLDER FOR BEDS

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Application August 24, 1940, Serial No. 354,013

2 Claims. (Cl. 5—320)

This invention relates to a device for retaining the lower sheet upon the mattress of a bed. The object of the invention is to provide a device which may be easily and cheaply made in quantities and which can be readily applied to the mattress of a bed for the purpose of holding the lower sheet taut upon the mattress and preventing its displacement.

Sheets for beds are normally made sufficiently large that they not only entirely cover the upper surface of the mattress but may overhang the mattress sufficiently to permit a substantial length of the sheet to be folded under the mattress and held between the mattress and the springs to retain the sheet upon the mattress. This not only requires the use of a sheet substantially larger than the surface sought to be covered but is objectionable because the movement of the sleeper during the night flexes and kneads the mattress, wrinkles the sheet, and gradually works the sheet free. Similarly, when the bed is being made the application of the upper sheet and other covers, some of which must also be tucked between the mattress and the bed springs, dislocates the edges of the lower sheet and interferes with their securing the sheet in position. In addition, the movement of the sheet upon the bed springs wears and tears the sheet.

It is the object of this invention to permit the use of a sheet much smaller than that conventionally employed and to provide a complementary securing means which is not dependent upon the retention of the edges of the sheet between the mattress and springs but will at all times hold the sheet edges in position.

A further object of this invention is to provide a sheet holder for beds which will readily accommodate sheets of differing widths and lengths and will flexibly adapt itself to the unequal strains imposed upon the various portions of the sheet by the weight of the sleeper.

A further object of the invention is to prevent any wrinkling of the sheet due to its dislocation by the sleeper.

A further object of the invention is to save a substantial quantity of sheeting material which is employed in conventional sheets to permit the edges to be tucked between the mattress and the springs and corerspondingly to save the weight of bedding which is laundered and thus to reduce the cost of laundering bedding.

Other objects, advantages and capabilities of the invention will appear from the following description of a preferred embodiment thereof, taken in conjunction with the accompanying drawing, in which:

Figure 1 is a view in perspective of a bedstead with a conventional mattress mounted thereon showing the application of the sheet holder of this invention, the view being taken from beneath the bed with portions of the bedstead cut away to disclose the device of this invention;

Fig. 2 is a sectional elevation of a fragment of a conventional mattress showing the sheet holder of this invention applied thereto;

Fig. 3 is a plan view of a sheet prepared for use with the sheet holder of this invention;

Fig. 4 is a plan view of the sheet holder of this invention before being applied to a mattress;

Fig. 5 is a perspective view of a corner of the mattress showing the manner of fastening the sheet to the sheet holder.

Referring to the drawing, the reference numeral 11 indicates a conventional bedstead composed of the head 12, the foot 13 and the side frame pieces 14, one of which is cut away in part. Supported by the side frame pieces 14 are the slats 15, one of which is shown. Borne by the slats 15 is the conventional bed spring 16, only part of which is shown.

Overlying the bed spring 16 is the mattress 17 shown in perspective in Fig. 1, in a fragmentary section in Fig. 2, and in a fragmentaryy perspective view in Fig. 5. The mattress is composed of the conventional ticking which forms its envelope 18, the padding 19, and the tufting 20.

The sheet holder of this invention comprises a web composed of a number of longitudinal strips 21 and transverse strips 22, preferably of fabric material, which are fastened together at their intersections 23 for ease in handling and application to the bed. Each strip terminates in an elastic portion 24 which is provided with a button-hole 25 near the end thereof.

The sheet 26 to be used with this sheet holder is shown in Fig. 3. It is of conventional shape but is much narrower and shorter than the conventional bed sheet. It is of a length sufficient to overlie the upper surface of the mattress and merely to overlap the side and end walls of the mattress, as shown in Figs. 1, 2 and 5. Along the marginal portions of the sheet at points in line with the strips 21 and 22 the sheet is cut with button-holes 27 by which it may be secured to the web of the sheet holder by means of conventional collar buttons 28. Although the invention is shown employing detachable buttons to fasten the sheet to the sheet holder, other means of attachment may be used.

The sheet holder of this invention is applied to the bed by being placed upon the bed spring under the mattress. The elastic portions **24** will project beyond the edges of the mattress and the buttons **28** can thereupon be inserted in the holes **25**. The sheet **26** can then be placed upon the upper surface of the mattress and its edges will fall along the edges of the mattress where the buttons **28** can be inserted through one of the button-holes **27** so that the sheet is held taut and yieldingly by the sheet holder web.

Although the invention has been disclosed in connection with the specific details of a preferred embodiment thereof, it is to be understood that such details are not intended to be limitative of the invention except insofar as set forth in the accompanying claims.

Having described my invention, what I claim as new and desire to secure by Letters Patent is:

1. A sheet holder composed of a plurality of longitudinal fabric strips, a plurality of transverse fabric strips secured to said longitudinal strips, elastic terminal portions secured to both ends of each of said strips, and means upon said elastic portions for securing the ends of said strips to the margins of a sheet extending beyond the edges of the mattress.

2. A sheet holder comprising a plurality of longitudinal extensible strips, a plurality of transverse extensible strips, said longitudinal and transverse strips being secured together intermediate the ends thereof to form a web, and means upon the ends of each of said strips to fasten said strips to a bed sheet near all of the edges thereof.

THEODORE R. TREIBER.