

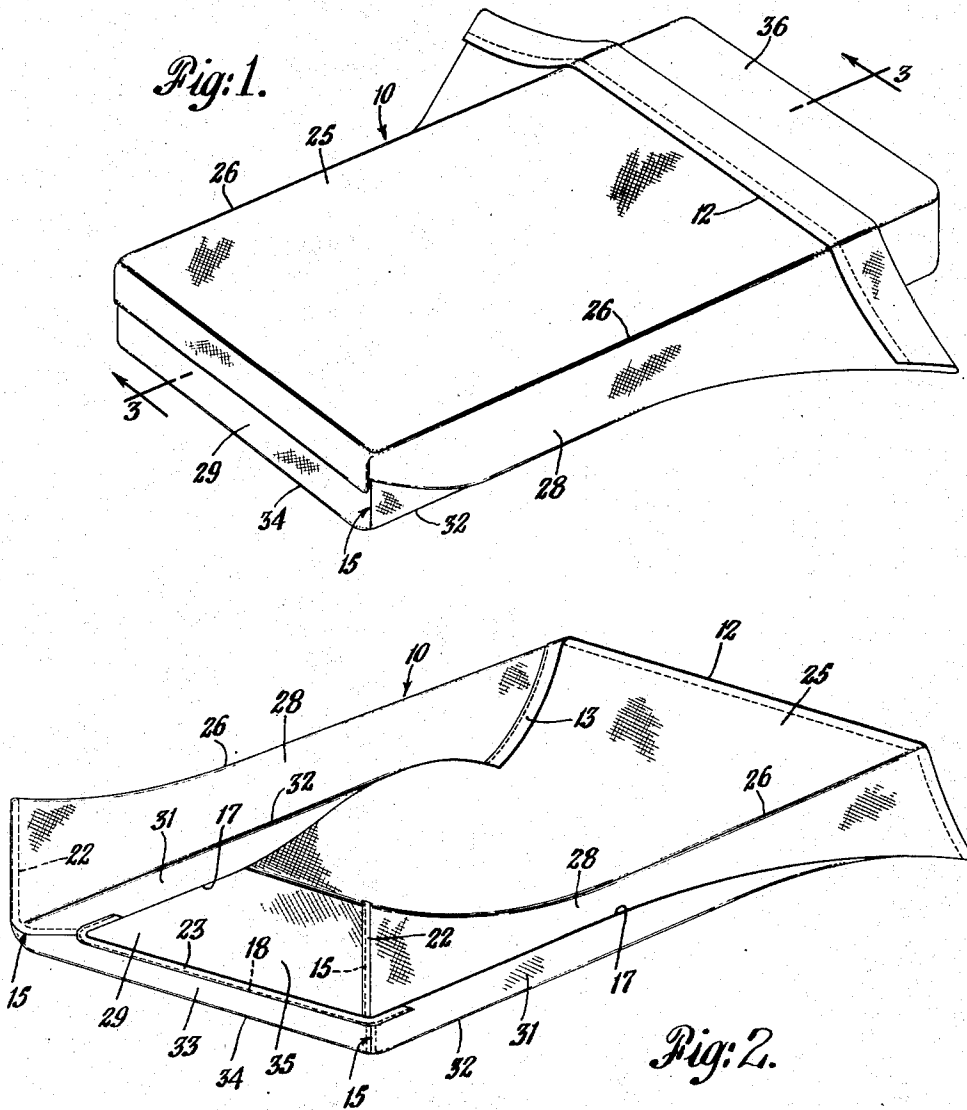
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ARTICLE OF BEDDING

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2 Sheets-Sheet 1



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ARTICLE OF BEDDING

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This invention relates to bedding and, in one of its more specific aspects, to an article of manufacture that is adapted to be advantageously used as the top sheet of a bed, crib, or the like.

A primary object of the invention is to provide a bed sheet having improved features of construction.

As is universally known, bed sheets and especially top bed sheets of conventional construction are apt to be pulled up by the occupant of a bed during use, thereby exposing the feet of the occupant. A number of attempts have been made to develop suitable top bed sheets but none of them has been entirely satisfactory. For one thing, such sheets have been relatively expensive in manufacturing cost due to the necessity of providing straps, inserts, gussets, or the like, in pocketed regions of the sheet that are adapted to receive an end of a mattress. Another objection to certain of the sheets of the prior art is that they are not capable of being readily placed on a mattress and made to conform to the configuration of the mattress at the time they are applied thereto. A further objection is that such sheets do not provide adequate room to comfortably accommodate the feet of occupants. Accordingly, it is another object of the invention to provide a sheet that is free of the above objections in respect to present day sheets.

It is another object of the invention to provide a pocketed sheet that is particularly adapted for use as a top sheet of a bed or the like, and that is capable of presenting a neat, smooth appearance when in position on a mattress prior to use, and is adapted to comfortably accommodate feet of a user without any likelihood of being dislodged from the mattress in normal use.

A further object of the invention is to provide a bed sheet made from a single piece of a suitable fabric having its parts so constructed and arranged as to provide at least one end pocket for the reception of a corresponding end of a mattress in a manner to prevent dislodgement of the sheet from the mattress under ordinary conditions of use.

A still further object of the invention is to provide a pocketed top bed sheet of the character indicated that is reasonable in manufacturing cost, that is capable of being readily and easily applied to a mattress, and that is adapted to perform its intended functions in a satisfactory manner.

To the end that the foregoing objects may be readily attained, a bed sheet constructed in accordance with this invention preferably comprises a single piece of a suitable fabric, such as cotton or the like, and having a pocket at one end for receiving an end of a mattress. The sheet includes a top part that is adapted to overlie the mattress, a side part depending from each side of the top part, and an end part depending from the foot end of the top part. The lower end of each side part is joined directly, preferably by stitching, to the corresponding end of the end part along a line that consists of a pair of substantially rectilinear end portions and an intermediate arcuate portion that merges with the end portions. The sheet is so configured that each side part and the aforementioned end part includes an extension that is adapted to underlie the mattress. A reinforcing strip of binding tape, or the like, is secured to each side part and the above mentioned end part substantially along the juncture thereof. An additional reinforcing strip is preferably provided along the free edge of said end part. This reinforcing strip extends a short distance along the edge of each part.

The above identified sheet parts form a pocket that is deeper than the mattress. This permits of ready reception of an end of the mattress and allows adequate foot room for the occupant. When the sheet is applied to the mattress, but is not in use, the upper portion of the referred to end part and the portion of the top part directly adjacent thereto may be readily folded and arranged in a manner to overlie the end of the mattress that is disposed in the pocket, thereby presenting a neat, smooth appearance without objectionable wrinkles, puckering, or the like.

The enumerated objects, as well as additional objects and the advantages of this invention, will be readily understood by persons skilled in the art upon reference to the following detailed description taken in conjunction with the annexed drawings that respectively describe and illustrate a preferred embodiment of the invention.

In the drawings:

Figure 1 is a perspective view showing a bed top sheet constructed in accordance with this invention and applied to a mattress;

Figure 2 is a perspective view of the bed sheet, shown in Figure 1, as viewed from the bottom, the mattress being omitted and certain of the sheet parts being shown in another relative position;

Figure 3 is a longitudinal sectional view, in enlargement, taken along line 3—3 of Figure 1;

Figure 4 corresponds to Figure 3 and shows portions of the sheet in another relative position with respect to the mattress; and

Figure 5 is a one-piece blank from which the sheet shown in the other views is made.

Referring now to the drawings wherein like reference characters denote corresponding parts throughout the several views, a bed top sheet constructed in accordance with this invention is generally indicated by numeral 10 and is best shown in Figure 2. This sheet is made from a blank B of a suitable thin, flexible material, such as cotton fabric or the like. The upper portion of the blank is adapted to be folded along a fold line 12 that is parallel to the upper edge of the blank (Figure 5) so as to overlie the main portion of the blank. This overlying portion is then joined to the main portion of the blank, preferably by stitching, to obtain a hem 13.

The lower or foot portion of blank B is cut out or notched at each corner, as indicated at 14. Each notch is defined by a pair of blank edges 15 that are preferably identical and that intersect at a point 16. Each upper edge 15 extends from point 16 to a corresponding side edge 17 while each lower edge 15 extends from point 16 to bottom edge 18 of the blank. Also, each edge 15 consists of rectilinear end portions 19 and 20 and an intermediate arcuate portion 21. As is shown in Figure 5, each edge portion 21 is convex and merges with end portions 19 and 20. Intersecting portions 19 define an obtuse angle a that is preferably slightly greater than 90°.

In fabricating sheet 10 from blank B, the marginal portions of the blank that define each notch 14 are brought together in abutting relation with corresponding edges 15 in substantial alignment. These marginal portions are then joined together in any desired manner known to the art, preferably by one or more rows of stitches (not shown). The resulting seams are provided with reinforcing binding members such as strips of tape 22 (Figure 2). These binding members may be secured to the sheet fabric by the same stitches used in forming the seams or by additional stitches, as desired. Another reinforcing binding member 23 is stitched or otherwise affixed to bottom edge 18 and, as best shown in Figure 2, this binding member extends beyond the junctures of binding members 22 with edges 17 and 18 and continues a short distance along each edge 17.

The body of the sheet, that is, the part thereof that overlies the top of a mattress when in use, is designated by numeral 25 and, as illustrated in Figure 5, consists of the portion of the blank defined by fold lines 12, 26 and 27. A pair of panels 28 constitute the side parts of the sheet while another panel 29 constitutes the lower end part thereof. A portion 31 of each panel 28, lying between corresponding fold line 32 and edge 17, is adapted

to be tucked between the mattress and its bed spring, and thus underlie the mattress along the sides thereof. Similarly, portion 33 of end part 28, lying between fold line 34 and bottom edge 18, is adapted to underlie the foot end of the mattress.

The above described sheet has its parts so configured and arranged as to define a pocket 35 at its foot end for the reception of the lower end of a mattress 36. Sheet 10 is shown in Figures 1, 3 and 4 as applied to the mattress. It is recognized that, in making up a bed, a bottom sheet is usually interposed between the mattress and the top sheet. The showing of the bottom sheet is not deemed necessary in illustrating the subject invention and for this reason has been omitted from the drawings. It is to be understood, however, that the sheet illustrated and described herein may be used with or without a bottom sheet. Further, the sheet of this invention may be used as the bottom sheet of a bed, either with a single pocket 35, as shown in the drawings, or with another such pocket at the other end of the sheet.

As will be apparent from an examination of the drawings, the foot end of mattress 36 may be readily inserted in pocket 35. Inasmuch as this pocket is deeper, preferably by several inches, than the mattress (Figure 4), it provides adequate space to comfortably accommodate feet of occupants when in use. When the bed is made up, the upper portion of sheet end part 29 and the lower portion of top part 25 are folded and arranged so as to overlie the foot end of the mattress, thereby presenting a neat and smooth appearance without objectionable wrinkles or the like, and the parts are adapted to be disposed in the relative position shown in Figures 1 and 3.

It is to be understood that the form of our invention, herewith shown and described, is to be taken as a preferred example of the same, and that various changes in shape, size and arrangement of parts may be resorted to without departing from the spirit of our invention, or the scope of the subjoined claims.

We claim:

1. An article of bedding having a pocket at one end for receiving an end of a mattress, said pocket being defined by the article of bedding parts comprising a top part adapted to overlie the mattress, side parts and an end part depending from corresponding sides and the lower end, respectively, of the top part, the lower end of each side part being joined directly to a corresponding end of the end part, said side and end parts each including an extension adapted to underlie the mattress, and a reinforcing strip of flexible material secured to each side part and the end part substantially along the juncture thereof, said pocket being deeper than the mattress whereby, upon reception of an end of the mattress in the pocket, the upper portion of the end part and the portion of the top part adjacent thereto are adapted to be folded and arranged in a manner to overlie said end of the mattress.

2. An article of bedding comprising a single piece of flexible material having a pocket at one end for receiving an end of a mattress and including a top part adapted to overlie the mattress, side parts and an end part depending from corresponding sides and one end, respectively, of the top part, the lower end of each side part being joined directly to a corresponding end of the end part along a line that consists of a pair of substantially rectilinear end portions and an intermediate arcuate portion.

3. An article of bedding comprising a single piece of flexible material having a pocket at one end for receiving an end of a mattress and including a top part adapted to overlie the mattress, side parts and an end part depending from corresponding sides and one end, respectively, of the top part, the lower end of each side part being joined directly to a corresponding end of the end part along a line that consists of a pair of substantially rectilinear end portions and an intermediate arcuate portion, said side and end parts each including an extension adapted to underlie the mattress, said pocket being deeper than the

mattress whereby, upon reception of an end of the mattress in the pocket, the upper portion of the end part and the portion of the top part directly adjacent thereto are adapted to be folded and arranged in a manner to overlie said end of the mattress.

4. An article of bedding comprising a single piece of flexible material having a pocket at one end for receiving an end of a mattress and including a top part adapted to overlie the mattress, side parts and an end part depending from corresponding sides and one end, respectively, of the top part, the lower end of each side part being joined directly to a corresponding end of the end part along a line that consists of a pair of substantially rectilinear end portions and an intermediate arcuate portion, said side and end parts each including an extension adapted to underlie the mattress, and a reinforcing strip of flexible material secured to each side part and the end part substantially along the juncture thereof, said pocket being deeper than the mattress whereby, upon reception of an end of the mattress in the pocket, the upper portion of the end part and the portion of the top part directly adjacent thereto are adapted to be folded and arranged in a manner to overlie said end of the mattress.

5. A pocketed article of bedding formed from a blank that is made from a substantially rectangular piece of flexible material, at least one end of which is cut out at each corner to obtain corresponding notches, each notch being defined by a pair of edges of the blank, each of said edges comprising a first end portion, a second end portion and an intermediate arcuate portion, said first end portions intersecting, the marginal portions of the blank defining each notch being joined together.

6. A pocketed article of bedding formed from a blank that is made from a substantially rectangular piece of flexible material, at least one end of which is cut out at each corner to obtain corresponding notches, each notch being defined by a pair of edges of the blank, each of said edges comprising generally rectilinear first and second end portions and a convex arcuate portion intermediate and merging with the end portions, said first end portions intersecting, the marginal portions of the blank defining each notch being joined together.

7. A pocketed article of bedding formed from a blank that is made from a substantially rectangular piece of flexible material, at least one end of which is cut out at each corner to obtain corresponding notches, each notch being defined by a pair of edges of the blank, each of said edges comprising generally rectilinear first and second end portions and a convex arcuate portion intermediate and merging with the end portions, said first end portions intersecting and defining an obtuse angle, the marginal portions of the blank defining each notch being disposed in abutting relation with their edges substantially aligned and being joined together along a line that is substantially parallel to said aligned edges.

8. An article of bedding for covering a mattress and having a pocket for fitting over one end of said mattress and providing room for the feet of a person lying on the mattress; said article including a central panel, side panels, and an end panel; said article being formed from a rectangular blank cut away to form a notch at each corner of one end of the blank; the edges of each notch forming an angle of more than 90°; the edges of each notch being secured together to form the mattress receiving pocket; said pocket having a top wall provided by a portion of the central panel, side walls, and a bottom wall; the bottom wall being of less dimension transversely of the sheet than the top wall of said pocket.

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