Dec. 10, 1935. W. H. MAY 2,024,050

COMFORT RETAINING DEVICE

Filed Aug. 9, 1934

Fig. 1.

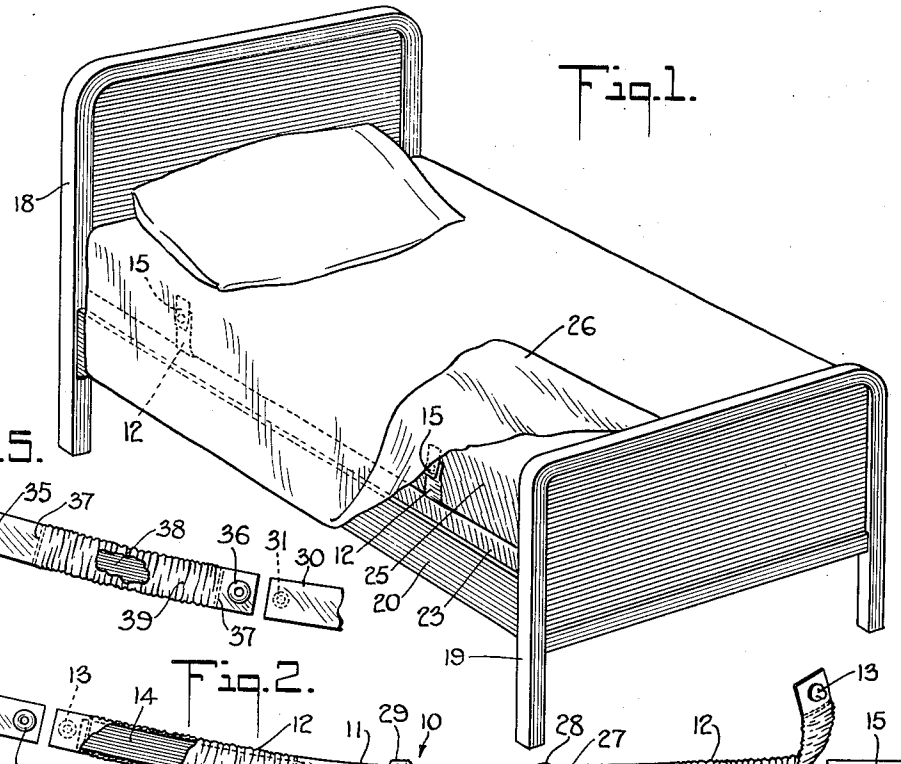


Fig. 5.

Fig. 2.

Fig. 4.

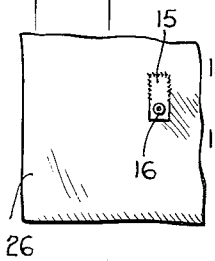
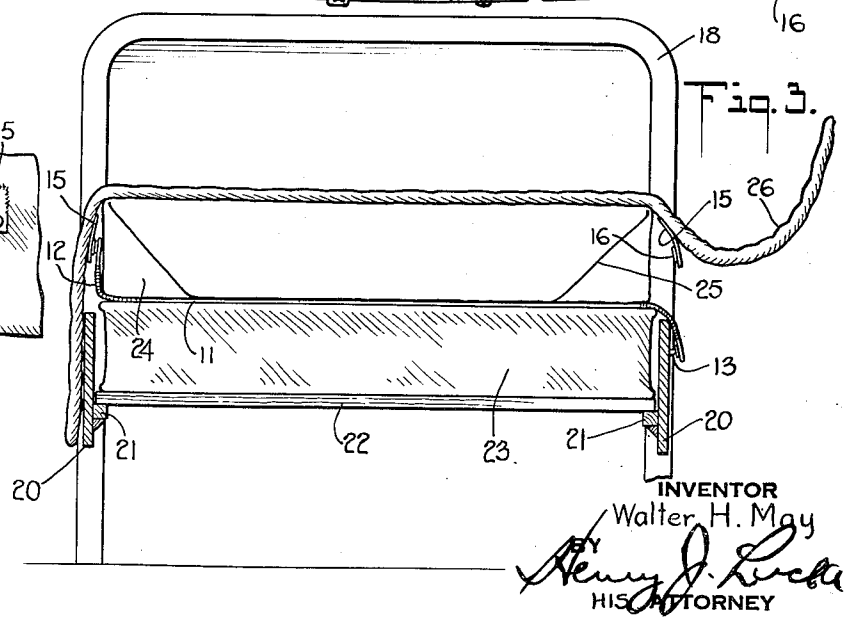


Fig. 3.



INVENTOR
Walter H. May
BY
Henry J. Lucks
HIS ATTORNEY

Patented Dec. 10, 1935 2,024,050

UNITED STATES PATENT OFFICE

2,024,050

COMFORT RETAINING DEVICE

Walter H. May, Pelham Manor, N. Y.

Application August 9, 1934, Serial No. 739,128

3 Claims. (Cl. 24—72.5)

My present invention relates to bedding, and more particularly to a yielding device for retaining bed covering devices, such as comforts, in position on a bed or similar article.

Articles of bedding, and particularly comforts, or other like covering articles, are difficult to keep in position on a bed or similar article. Particularly is this true when the bed or similar article is occupied, by reason of the tendency for the comfort to slide, or slip, out of position, and frequently off the bed.

Various devices have been suggested for overcoming this tendency, none of which as far as I am aware are successful, particularly in the circumstance when the bed or similar article is occupied.

In my present invention, I have produced a device which is easily and securely applied; which will positively and yieldingly retain the comfort or like article in position; which is not visible from the exterior; and which is readily manipulated by the occupant of the bed.

Primarily, my device comprises a strap, or a plurality of straps, preferably of woven fabric, each end of which is provided with an extensible yielding member, the ends of the strap, or straps, being provided with means preferably adjustable, for attachment to tabs, or equivalent members, appropriately attached to the under face of the comfort or like article. The intermediate portion of the strap, or straps, occupies a position beneath, and transversely of, the mattress of the bed, and the extensible member or members extend upwardly alongside the side walls of the mattress, the ends being suitably and removably attached to the aforesaid tabs secured to the under face of the comfort or like article. Each attaching means for the ends of the strap, or straps, may be of any suitable character such as a button and a button hole, or preferably, and as shown in the accompanying drawing, a set of snap fastener devices.

The positioning of the retaining strap, or straps, under the mattress renders the top of the bed clear and unhampered, and no discomfort is experienced by the occupant of the bed, as is usual with former devices of this character.

Therefore, a feature of my present invention resides in an improved position retaining strap for a comfort, and the like, having a substantially inextensible intermediate portion, and an extensible end.

A feature of my invention resides in an improved means of connection between the end of a strap, and the under surface of the comfort, or the like.

Further features and objects of the invention will be more fully understood from the following detail description and the accompanying drawing, in which

Fig. 1 is a perspective view of a bed, showing my invention in position relative to a mattress and a comfort;

Fig. 2 is a perspective view of an improved comfort retaining strap, also embraced in my invention;

Fig. 3 is an end elevation of the bed shown in Fig. 1, the foot board being removed, and illustrating a mode of applying my invention to retain a comfort in position on the mattress;

Fig. 4 is a detail plan view of a comfort, illustrating a mode of applying a tab for attaching one end of a strap in comfort retaining position, and

Fig. 5 is a fragmentary perspective view of a modified form of my invention.

Referring to the drawing, there is shown in Fig. 2 a strap embodying my invention, and designated in its entirety by the reference numeral **10**. Such strap may be made tubular, that is, material placed back to back, and sewed, or otherwise secured, together along its edges. The material employed is preferably textile material, and may be relatively inextensible.

The intermediate portion **11** of the strap is preferably slightly less in length than the width of a mattress; both end portions **12** are preferably extensible. At the free end of each end portion **11** is secured, by sewing or in any other appropriate manner, a fastening device **13**. In the drawing each fastening device **13** is shown as a male snap fastener, however, any other suitable form of fastening device may be employed. The unextended length of each extensible portion **11** is preferably less than the thickness of a mattress.

Enclosed within each extensible end **11** of the strap, is a strip of elastic webbing **14**, secured at its ends to the strap, the length of the elastic webbing **14** being less than the extended length of the end portion **11**. With this construction, therefore, it appears that when the strap **10** is not in use, the material of the strap **10** is "puckered". When the elastic webbing **14** is stretched, as it is in use, the "puckering" of the material of the end portion **11** disappears to more or less extent.

Associated with the free end of each end portion **11** is a tab **15**, which may be sewn, or otherwise secured, at its one end to an appropriate location on the under face of the comfort; adjacent the opposite end of each tab is sewn or otherwise secured a fastening device **16** which is complementary to the fastening device **13**, above described, in the illustrated instance a female fastening device.

The strap above described is utilized to hold a comfort, or like article, in position on a bed. The adaptation of the strap for the purpose intended is clearly shown in the drawing, where **17** designates a bed including the head board **18** and a

foot board 19, these members may be connected to one another by the usual side boards 20. On the inner face of the side boards 20 may be ledges 21 which serve to support the usual slats 22 that bridge the space between the side boards. The slats 22 support the box spring 23, and on top of the box spring is placed the mattress 24. The component parts of the bed proper may be of any approved arrangement, since my invention is similarly applicable.

A completed bed, that is, when "made", has the usual sheets 25 covered with a spread and/or comfort 26. In order that the spread or comfort 26 may be retained in position on the mattress 24, the strap 10 constituting the subject matter of the present invention is utilized. Preferably two such straps 10, with appurtenant tabs 15, are employed, such straps being arranged transversely of the bed, and in spaced relation, preferably symmetrically with respect to the length of the bed. More than two such straps may be utilized, if desired; but one may be used if preferred.

It will be noted that the straps 10 lie upon the box spring 23 and under the mattress 24, the free end of each end portion 12 extending upward along the side wall of the mattress 24. The tabs 15 being attached at one end to the under surface of the spread or comfort 26 are positioned so that the fastening devices 16 are readily brought into operative relation to the co-operating fastening devices 13 on the end portions of the straps 10. The securement of the fastening devices 13 and 16 into operative relation to each other effects a distention of the elastic webbing 14. The tension of each elastic webbing is preferably sufficient to stretch the spread or comfort 26 upon the top of the mattress, and to resist any force incident to the use of the bed, inclusive when occupied, tending to displace the spread or comfort.

With my invention, the entire top of the mattress is free and untrammeled, and the top of the "made" bed when unoccupied has a smooth, even appearance. Also, the straps 10 when the bed is occupied retain the spread or comfort 26 in position without inconvenience to the occupant. Further, the device may be readily manipulated when the occupant is in bed.

The strap 10 may be made in various lengths to conform to different sizes of beds, couches and the like, and to different thicknesses of mattresses employed therewith. Or the strap 10 may be made adjustable as to length, and in the drawing I have shown such a construction. Referring to the drawing the strap 10 is shown in two parts, the end 27 of one part being attached to one bar of a member 28. The other part of the strap 10 passes through a member 29, thence around the other bar of the member 28, and its end is attached to the member 29. By sliding the member 29 along the strap 10, the effective length of such strap may be varied at will.

Referring to Fig. 5, I have shown therein a modification of my invention. In such modification the strap 30 may be made in one length, or in two lengths, as is the strap 10. Such strap 30 however is practically inextensible throughout its entire length, and is of a length preferably shorter than the width of the mattress 25. At each end of the strap 30 is provided a fastening device 31 similar to the fastening device on the strap 10.

Associated with the strap 30, and at each end thereof is a tab 35. This tab is adapted to be secured to the under surface of a comfort 26, or similar bed covering, and is provided with a fastening device 36 for cooperation with the fastening device 31 on the strap 30.

The tab 35 is preferably made of fabric, and tubular. Also such tab is made of practically inextensible material, and has secured within itself, as by stitching 37, a length of elastic web 38. The length of the elastic web 38 is shorter than the length of the tab 35, between the lines of stitching 37, and therefore the material of the tab 35, surrounding the elastic web 38 is gathered or puckered, as indicated by the reference numeral 39. The elastic web 38 may be stretched until the gathering 39 disappears.

Where the tab 35 is secured to the under surface of a comfort 26, in a position similar to the tab 15 in Fig. 1, the strap 30 placed under the mattress 25, and the fastening devices 31 and 36 brought into association with each other, the comfort 26 will be held in position. The position of the tabs 35 on the comfort 26, and the length of strap 30 are so related as to have the comfort 26 held resiliently in position by virtue of the elastic web 38.

Various other forms of my invention will readily suggest themselves to those skilled in the art, and therefore, I may vary the size, shape, and arrangement of parts comprising my improved device within relatively wide limits without departing from the spirit of the invention.

I claim:

1. Means for securing a comfort in a position on a mattress comprising a strap arranged to extend under the mattress and to have its free ends extend upwardly alongside opposite sides of the mattress, fastening means on the free ends of the straps and fastening means secured to the under face of the comfort cooperating with the fastening means of the free ends of the strap, whereby the comfort is retained in position on the mattress.

2. Means for securing a comfort in position on a mattress, comprising a strap arranged to extend under the mattress, said strap having an extensible free end, said free end to extend upwardly alongside a side of the mattress, fastening means on the ends of the strap, complementary fastening means on the under face of the comfort, said fastening means when in cooperative relation serving to hold the extensible end of the strap under tension, whereby the comfort is yieldingly retained in position in the mattress.

3. Means for securing a comfort in position on a mattress, comprising a plurality of straps spaced along the length of the mattress, and extending transversely thereof and under the mattress, said straps having extensible ends, said ends extending upwardly alongside opposite sides of the mattress, fastening means on each end of each strap, complementary fastening means on the under face of the comfort to be retained in position, said fastening means cooperating to removably attach the ends of the strap to the under face of the comfort, said fastening means when in cooperating relation placing the extensible ends of the straps under tension, whereby the comfort is resiliently retained in position on the mattress.

WALTER H. MAY.