

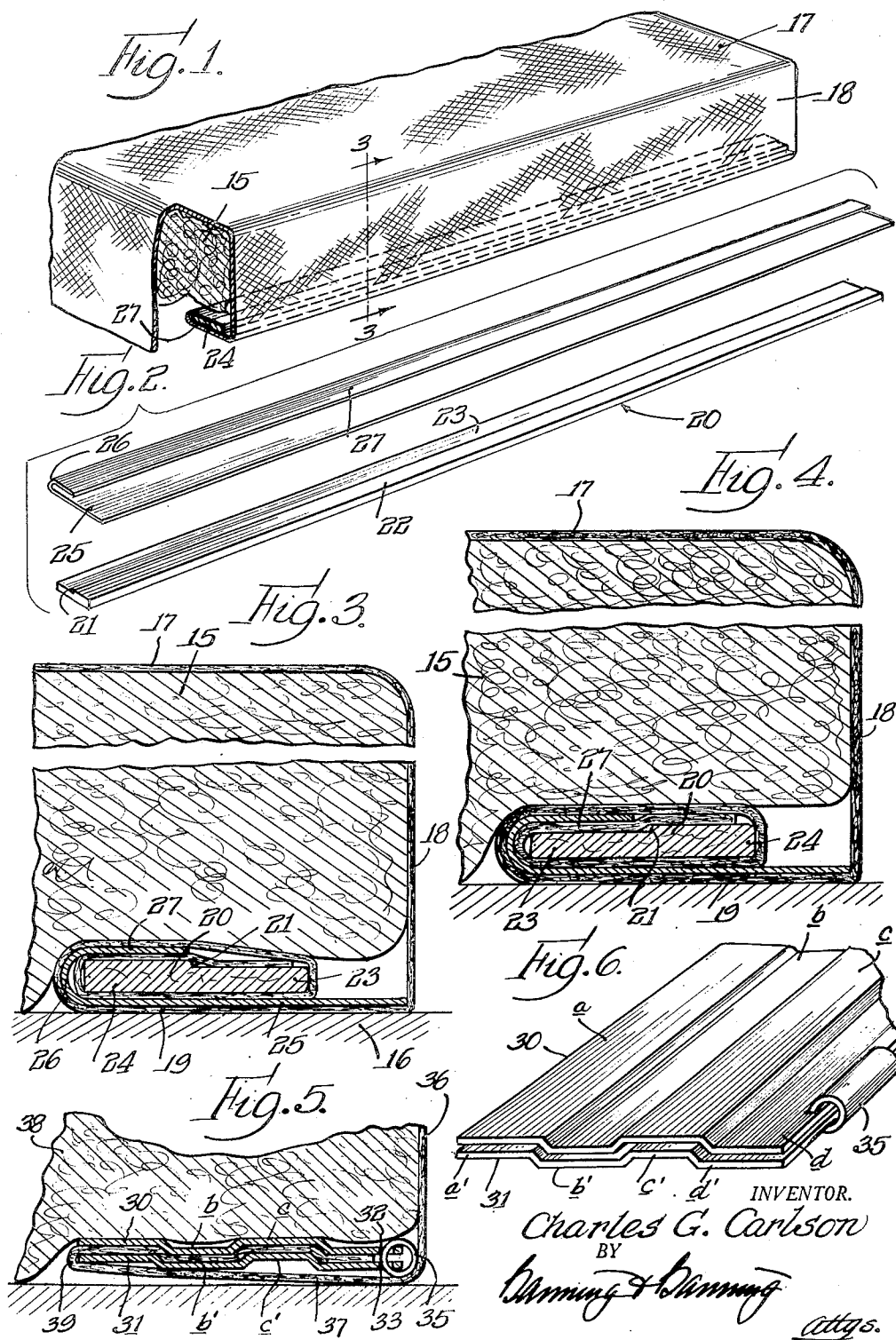
May 9, 1950

C. G. CARLSON
BLANKET HOLDER

2,507,091

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2 Sheets-Sheet 1



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Fig. 7.

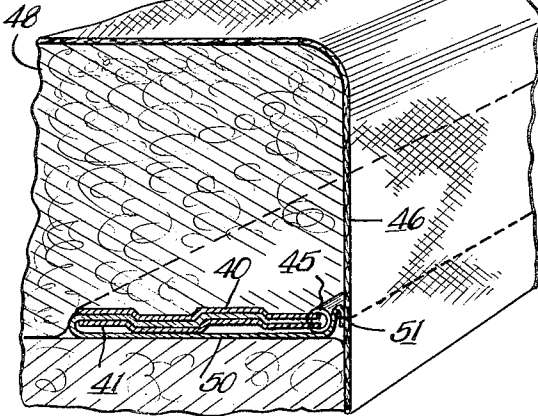


Fig. 8.

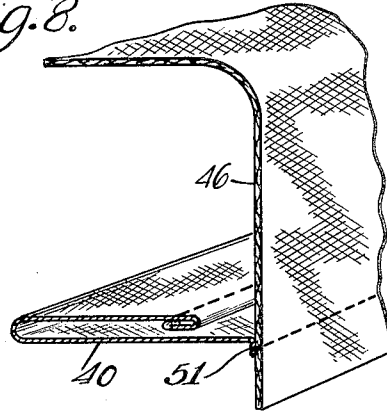


Fig. 9.

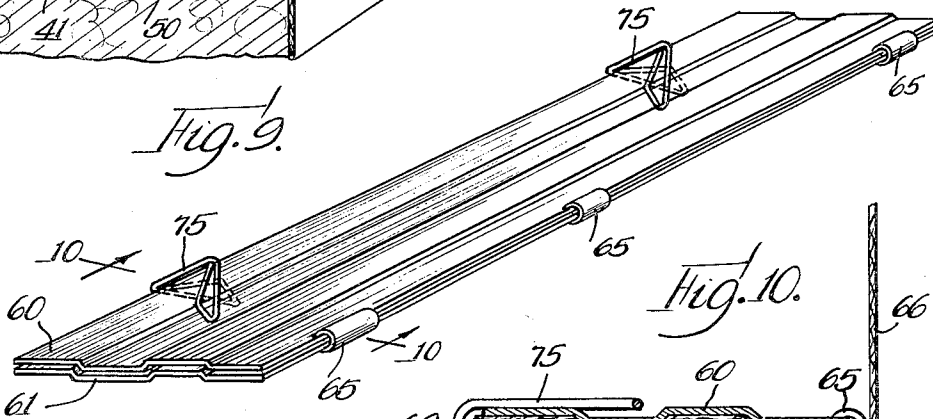


Fig. 10.

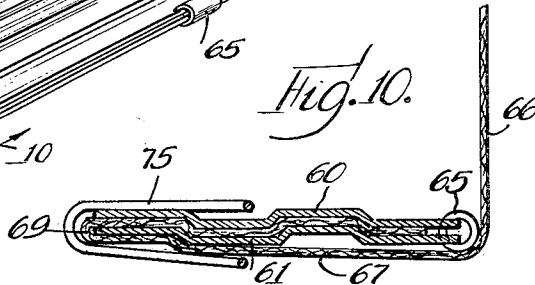


Fig. 11.

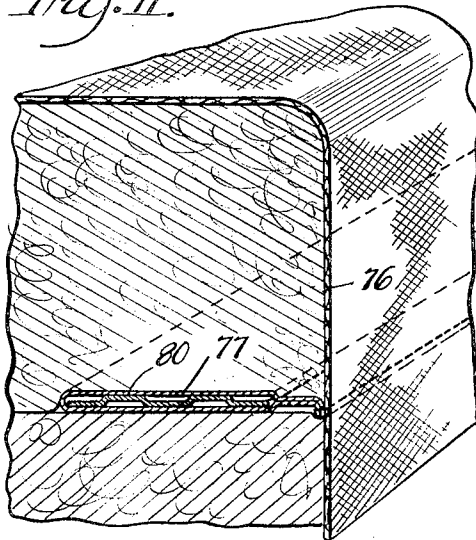
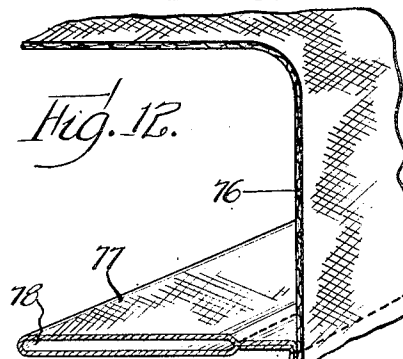


Fig. 12.



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BLANKET HOLDER

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2 Claims. (Cl. 24—72.5)

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This invention relates to a holding device applicable to a blanket at the foot end of a bed, the purpose being to anchor that end of the blanket more securely in place. The features of improvement which constitute my invention may be embodied in various forms of which several are shown in the accompanying drawings in the manner following:

Figure 1 is a fragmentary perspective view of the foot of a mattress broken away at one corner to exhibit one form of the holder in its operative relation to a blanket which is spread over the mattress;

Fig. 2 is an exploded view in perspective showing the two parts of the holder in disassembled relation;

Fig. 3 is an enlarged fragmentary view in vertical section, taken on line 3—3 of Fig. 1;

Fig. 4 which is a view similar to Fig. 3 shows the holder bar reversed to grip a somewhat heavier blanket;

Fig. 5 is a view in vertical section showing a modified form of the holder in operative relation to an associated blanket;

Fig. 6 is a fragmentary perspective view of the same holder which is shown in Fig. 5;

Fig. 7 is a fragmentary vertical section through a mattress over which is spread a blanket having an attached fly which is anchored to a holder the same as shown in Figs. 5 and 6;

Fig. 8 is a view of the same blanket with attached fly which is shown in Fig. 7;

Fig. 9 is a view in perspective of a holder the same as shown in Figs. 5 and 6, but with a pair of clips affixed thereto to augment its grip on the anchored blanket;

Fig. 10 is a detail in section, taken on line 10—10 of Fig. 9;

Fig. 11 is a fragmentary vertical section through a mattress having an associated blanket with an attached two-ply fly for reception of a single leaf holder of modified construction; and

Fig. 12 is a perspective view of the same blanket with attached fly, as is shown in Fig. 11, minus only the holder which has been removed.

Referring first to the construction of Figs. 1-4, there is shown a mattress 15 resting upon a resilient support such as a box spring 16. A blanket 17 which is spread over the mattress extends downwardly around its foot end, as at 18, and is then tucked inwardly at 19 below the mattress to be engaged by the holder of this invention in one of its various forms. This holder is frictionally held in place, the weight of the super-

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posed mattress assuring its retention in a fixed position.

According to the showing in Figs. 1-4, the holder comprises a bar 20 having a length which desirably approximates the width of the bed with which it is to be used. Optionally two or more shorter bars may be arranged in endwise spaced relation, to extend crosswise of the bed adjacent its foot. Each bar throughout its length is stepped at 21 at a transversely medial point to define a relatively thick portion 22 and a relatively thin portion 23. A bar of this kind may conveniently be made from material such as wood. An associated clamping plate 25 is also provided. This plate is coextensive in length with the bar, or if several short bars be arranged endwise in spaced relation the overall length of the plate may be substantially equal to the maximum space between the outside ends of the endmost bars. The width of the plate body is preferably greater than is the width of the bar, and it is reversely bent at 26 to provide a top flange 27 which extends over the plate body for an appreciable distance and in spaced relation thereto to provide a channel therebetween.

The bar 20 may be assembled with the plate 25 in either of the two manners which are shown in Figs. 3 and 4, respectively. According to the showing in Fig. 3, the thickened edge portion 24 of the bar is fitted within the channel between the flange 27 and the plate body 25, whereas in Fig. 4 it is the thinner edge portion 23 of the bar which is so fitted therewithin. In either case the blanket end portion 19 which underlies the mattress and the holder is extended around the reverse bend 26 of the plate and then back over the flange 27 and over the top of the bar 20 and then around its exposed edge to pass between the bar and the plate body 25. The blanket end portion may even continue on around the opposite bar edge which lies proximate to the reverse bend 26 of the plate and then back again between the bar and the flange 27 of the plate.

If the blanket 17 be somewhat thicker, there may not be sufficient room within the plate channel for the blanket to extend along opposite sides of the bar, as just described. In such circumstances the bar is reversed so that its thinner edge portion is fitted within the channel afforded by the plate body 25 and its flange 27, as shown in Fig. 4. The blanket is then carried around the holder and threaded through the space within the channel around the bar in the manner already described. It will be apparent that the

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blanket will be securely held when so gripped by the holder, and the latter will be maintained in its place beneath the mattress due not only to the weight thereof but also to the weight of the person resting on the mattress.

According to Figs. 5 and 6, the holder consists of two plates 30 and 31, each having a plurality of longitudinally extending corrugations which, as shown, are in the form of flat sections *a*, *b*, *c*, and *d*, and *a'*, *b'*, *c'*, and *d'*, the adjacent sections being offset with respect one to the other. The two plates thus formed are complementary in that the raised and depressed sections of one lie opposite the raised and depressed sections of the other, respectively. Adjacent one edge of the plate 30 is a plurality of openings 32; other like openings 33 being formed opposite thereto in the other plate, and fitted through each pair of registering openings is a tubular sleeve 35 which provides a hinge connection between the two plates. The size of the openings 32 and 33, crosswise of the plates, is sufficient for loosely accommodating the sleeves 35, and each sleeve is of ample diameter to permit the two plates 30 and 31 to occupy positions at varying distances apart while remaining in parallelism, thereby to accommodate and effectively engage therebetween blankets which are either thin or thick.

A blanket 36 whose end portion 37 is turned to underlie the foot end of a mattress 38 is adapted to execute a return bend at 39 around the free edge of the lower plate 31 to lie between that plate and the companion plate 30 which is in engagement with the mattress thereabove. At each point of offset the mattress is required to execute a bend thereby acquiring a sinuous contour in its disposition between the two plates. The frictional holding value of the two plates, due to the offsetting of the respective complementary sections, is so great that the blanket will be firmly maintained in its intended position, even though the opposing pull be very substantial.

In Figs. 7 and 8 I have shown a holder consisting of a pair of plates exactly the same as in Figs. 5 and 6, and the corresponding parts bear reference numerals except that each is raised by 10. The blanket 45, however, is provided near its foot end with a fabric fly 50 secured to the blanket as at 51 and adapted to be extended laterally therefrom below the mattress to be gripped by the holder. By the use of such a fly, the lower end of the blanket may continue on downwardly so as to remain exposed to view, this being a desirable objective, particularly where the bed lacks a footboard.

In Figs. 9 and 10 I have again shown a holder exactly the same as in Figs. 5 and 6, and the corresponding parts are designated by like reference characters except that each is raised by 30. However, the free edges of the two hinge plates are held together as by means of one or more wire spring clips 75 each engaging the blanket end portion 67 which underlies the lower plate 61. The principal purpose served by one or more such clips is to secure the blanket end within the holder preliminary to insertion of the holder below the mattress; once the weight of the mattress has been imposed upon the holder the clips 75 will have performed their intended function.

Referring now to Fig. 11, the blanket 70 is provided near its foot end with a hollow fly 77 comprising two plies disconnected for their major portion so as to provide therebetween a pocket 78 for reception of a plate 30 which may have con-

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tiguous offset sections. Such a plate will provide a stiffening reinforcement for the pocketed fly, and when fitted in place below the mattress will serve to anchor the blanket securely against slipping.

The blanket holder in any of the forms herein shown may be produced at small expense. It is also small and compact so as to occupy but very small space when placed beneath the mattress. The mattress itself is compressed somewhat adjacent the holder to provide space for its accommodation. The provision on the top face of each holder of what amounts to longitudinally extending ridges serves to augment the frictional resistance of the holder to movement outwardly from under the mattress. Such ridges are provided by the edge of the flange 27 in Figs. 1-4, and by the corrugations in the top plate of the holders in Figs. 5-11. Where such faces are provided there is an adjacent drop-off space into which the mattress tends to settle, thereby establishing almost a positive lock against movement of the holder outwardly from beneath the mattress.

Experience has shown that the present holder is effective to provide an anchorage for the lower end portion of a blanket. The presence of the holder is entirely concealed and by providing a fly which is attached to the blanket as shown in Figs. 7 and 11 the extreme end of the blanket may be allowed to drop vertically below the mattress.

I claim:

1. For use with a blanket when spread over a mattress and down past the foot end thereof, a holder receivable beneath the mattress and applicable to one end portion of the blanket, the holder comprising a pair of plates extended crosswise of the mattress to be engaged thereby and hinged to receive between them one end portion of the blanket, the hinge connection consisting of a tube passing through slots in the plates adjacent an edge of each, the slots being larger than necessary for the accommodation of the tube, and the diameter of the tube being of ample size to permit one plate to separate from the other while remaining parallel therewith for varying distances, whereby to accommodate between the two plates blankets of varying thickness, the plates being formed with registering corrugations having like complementary contours normally spaced apart uniformly at every point, the corrugations extending lengthwise of the plates, whereby the portion of the blanket fitted therebetween is sinuously contoured and engaged with pressure substantially uniform at every point, and spring clamps affixed to the plates upon their free edges to resist opening movement thereof.

2. For use with a blanket when spread over a mattress and down past the foot end thereof, a holder receivable beneath the mattress and applicable to one end portion of the blanket, the holder comprising a pair of plates extended crosswise of the mattress to be engaged thereby and hinged to receive between them one end portion of the blanket, the hinge connection consisting of a tube passing through slots in the plates adjacent an edge of each, the slots being larger than necessary for the accommodation of the tube, and the diameter of the tube being of ample size to permit one plate to separate from the other while remaining parallel therewith for varying distances, whereby to accommodate between the two plates blankets of varying thickness, and spring clamps affixed to the plates upon

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their free edges to resist opening movement thereof.

CHARLES G. CARLSON.

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