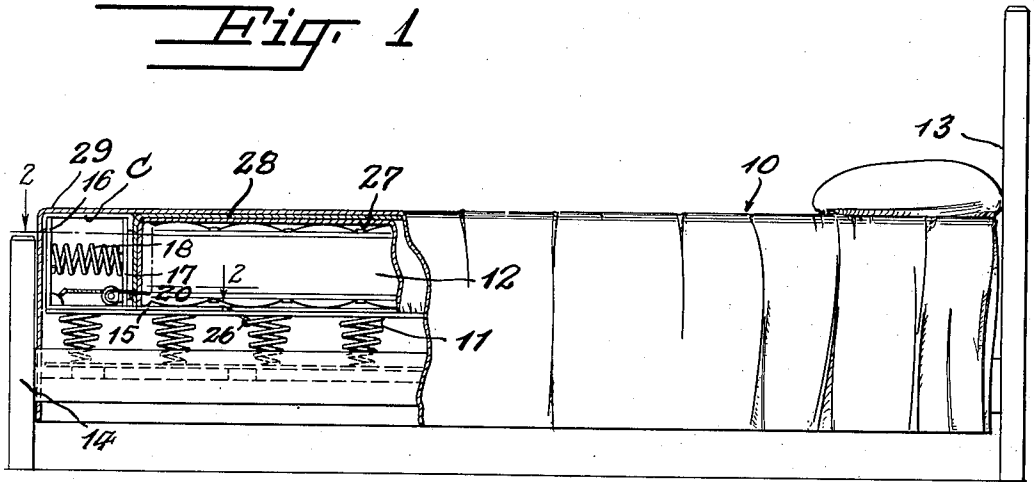
Oct. 11, 1949. M. P. PALSSON 2,484,582

HOLDING MEANS FOR BED SHEETS

Filed April 22, 1948

Fig. 1



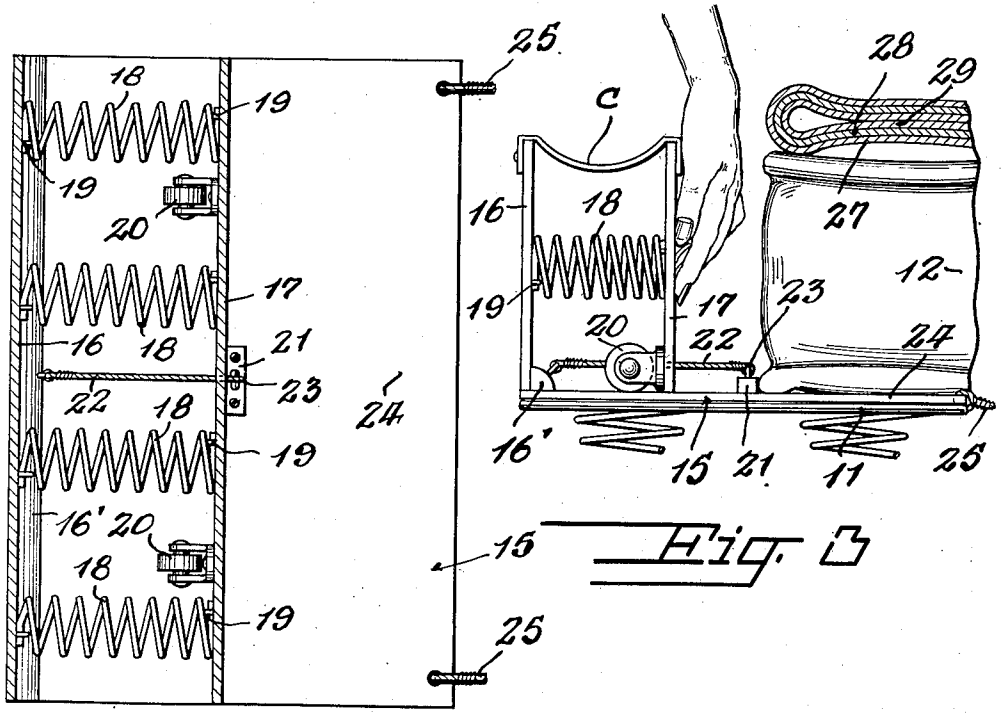


Fig. 3

Fig. 2

INVENTOR.
Magnus P. Palsson
BY
Christian R. Nielsen.
Attorney

Patented Oct. 11, 1949 2,484,582

UNITED STATES PATENT OFFICE

2,484,582

HOLDING MEANS FOR BED SHEETS

Magnus Plato Palsson, Wenatchee, Wash.

Application April 22, 1948, Serial No. 22,582

4 Claims. (Cl. 5—320)

1

This invention relates to a holding means for bed sheets and it consists in the constructions, arrangements and combinations herein described and claimed.

It is an object of the invention to provide sheet holding means in the form of a compressible boxing adapted to be placed between the foot of a bedstead and the adjacent end of a mattress, the boxing being compressible to admit the sheetings and blankets and expansible to retain them in neat and orderly fashion when the bed is occupied by a person.

It is an object of the invention to provide sheet holding means which is of simple construction and readily adaptable to conventional constructions of beds.

Additional objects, advantages and features of invention will be apparent from the following description considered in conjunction with the accompanying drawings, wherein

Figure 1 is a side elevation of a bed, partly in section, illustrating my device, in use.

Figure 2 is an enlarged cross section on the line 2—2 of Figure 1.

Figure 3 is a fragmentary elevation illustrating the manner of compressing the boxing to enable the placement of the sheets and blankets.

There is illustrated a conventional bed 10 having a spring 11 upon which a mattress 12 is disposed. The mattress will have one end quite close to the head of the bed 13 of the bedstead, thus spacing the other end a substantial distance from the foot 14 of the bedstead, so as to readily accommodate the device in the space thus provided, as best seen in Figure 1 of the drawing.

The holding means consists of a base board 15 upon one end of which there is secured an upright wall 16 and preferably this wall is braced by a strip 16', extending the width of the base board and said upright wall as shown in Figure 2. It will be understood that since beds are manufactured in different sizes, namely, single, three-quarter and double, the holding device will be produced in widths corresponding to the width of the respective beds, and preferably should have a width substantially the same as the mattress employed upon a bed.

In advance of the upright wall 16 there is a panel 17 yieldably supported by means of a plurality of helical springs 18 interposed between the upright wall 16 and the panel 17, respective ends of the springs being connected to adjacent faces of the wall and panel as indicated at 19.

It will be seen that by applying pressure upon the panel 17 as shown in Figure 3, in the direction of the upright wall 16, the springs 18 will be compressed, and in order to support the panel in its travel upon the base 15 there is provided a pair of rollers 20, these rollers having suitable casters for securement to the panel, and are preferably located at equally spaced points from the medial portion of the base board 15.

2

A stop 21 is secured to the base board centrally thereof, in advance of the panel 17 so as to limit the expansion of the springs. The upper ends of the upright wall 16 and the panel 17 are connected by a strip of canvas C, and since the upright wall and the panel are the same height as the mattress, the canvas will form continuity of the mattress surface. A guide line 22 is anchored to the upright wall 16, passing through an opening in the panel 17 and is anchored to the stop 21, as at 23.

The panel 17 will normally occupy a position slightly less than one-half the width of the base 15, thus providing an extension 24 upon which the foot of the mattress may rest, as shown in Figure 3, which obviously will afford substantial support for the holding device. However, in order to insure against longitudinal movement of the device upon the spring of the bed, when pressure is applied to the panel, there are provided anchorage strings 25, the free ends of which may be secured to the bed spring, as at 26.

In the use of the device, pressure is applied to the panel with one hand so as to move it in the direction of the upright wall 16, compressing the springs 18. With the other hand, the operator arranges the ends of the sheets 27 and blankets 28 within the space between the foot of the mattress 12 and the panel 17, when the panel is released the expansion of the springs will move the panel 17 into engagement with the sheets and blankets and hold them against the end of the mattress. The spread 29 is next arranged over the canvas strip, the end thereof being draped between the upright wall 16 and the foot of the bedstead. With the sheets and blankets secured between the panel 17 and the mattress 12 they will be held in a neat and orderly fashion, as well as secure against becoming disengaged from the bed.

While I have shown and described a preferred form of the device, this is by way of illustration only, and I consider as my own all such modifications in construction as fairly fall within the scope of the appended claims.

I claim:

1. A holding device for bed sheets comprising a base board having an upright wall at one end,

said base board having an extension for receiving and supporting one end of a mattress, a panel in advance of the upright wall and spring means between the upright wall and the panel for urging the panel into engagement with sheets disposed over the next adjacent end of a mattress.

2. A holding device for bed sheets comprising a base board of a width approximately that of a mattress employed therewith, an upright wall at one end of said base board of the same width as said base board, a panel in advance of the upright wall, roller members carried by the panel and adapted to rest upon said base board, spring means interposed between the upright wall and said panel urging the latter into engagement with sheets disposed over the next adjacent end of the mattress, and stop means for limiting movement of the panel in the direction of the sheets.

3. A holding device for bed sheets comprising a base board of a width approximately that of a mattress employed therewith, an upright wall at one end of said base board, of the same width as said base board, a panel in advance of the upright wall, the upright wall and the panel having a height corresponding to said mattress, a canvas strip connected between the upper edges of the upright wall, rollers carried by said panel and in contacting relation with the base board, stop means in advance of said panel, spring means interposed between the upright wall and said panel urging the latter against the stop means, said base board having an extension for receiving and supporting an end of the mattress, and anchorage means on said extension for securing the base board to the spring of a bedstead.

4. The structure of claim 3 in which a guide line is connected to said upright wall, said line being extended through an opening in the panel and anchored to said stop means.

MAGNUS PLATO PALSSON.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
512,966	Jacobs	Jan. 16, 1894
959,763	Lehr	May 31, 1910