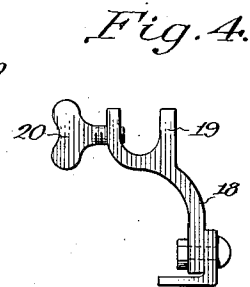
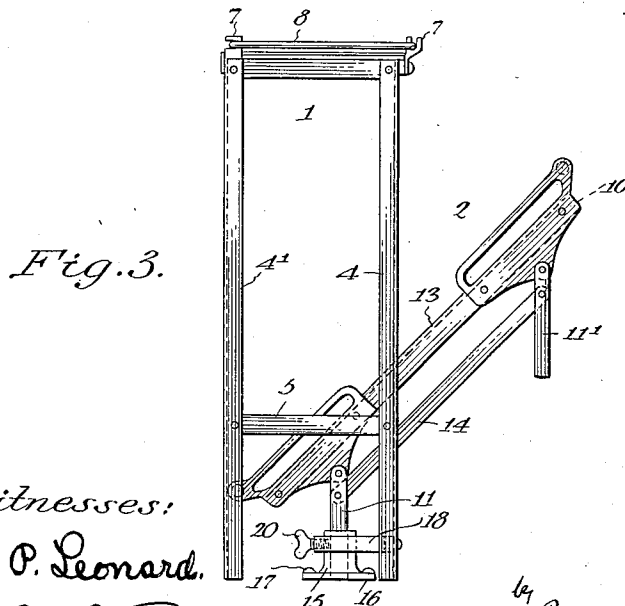
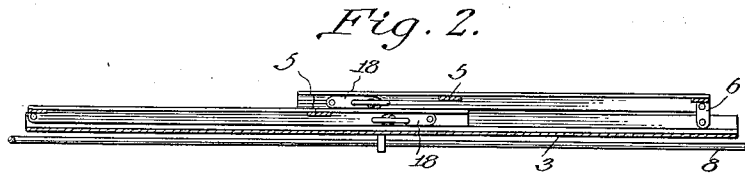
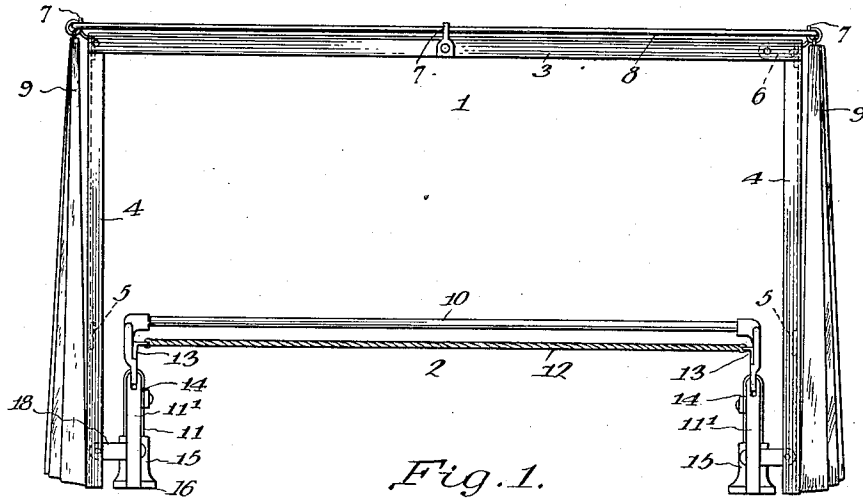


S. KOHN.
FOLDING BED.
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1,064,229.

Patented June 10, 1913.



Witnesses:

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UNITED STATES PATENT OFFICE.

SAMUEL KOHN, OF PITTSFIELD, MASSACHUSETTS.

FOLDING BED.

1,064,229.

Specification of Letters Patent.

Patented June 10, 1913.

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To all whom it may concern:

Be it known that I, SAMUEL KOHN, a subject of the Kingdom of Austria-Hungary, residing at Pittsfield, in the county of Berkshire and State of Massachusetts, have invented certain new and useful Improvements in Folding Beds, of which the following is a specification.

My present invention relates to portable folding beds and comprises a bed portion and a detachable housing or standard, within which the bed portion may be concealed when not in use.

One object of the invention is to provide separate collapsible parts which may be readily disconnected from each other and folded into compact and portable form.

A further object is to provide a device which will not automatically collapse nor subject the user to the dangers arising from sudden closure when in use.

A still further object is the provision, in a device of this character, of a bed portion which may be swung sidewise into the housing, thereby relieving the operator of unnecessary exertion during the operation of folding.

With the foregoing and other objects in view, my invention consists in the construction, combination, arrangement and operation of parts, as hereinafter described and set forth in the claims.

Referring to the accompanying drawings, Figure 1 is a front elevation of the assembled device as constructed in accordance with the preferred form of embodiment of my invention, the bed portion being shown as unfolded; Fig. 2, a longitudinal sectional view through the middle of the housing or standard as folded and in position for deportation; Fig. 3, a side elevation of the parts shown in Fig. 1 and representing the bed in a raised position during the process of closure; and Fig. 4, a detail view of the clamping mechanism employed to connect the bed portion and housing.

In the preferred form of embodiment of my invention, I have shown the housing or standard 1 to include a top 3 in the form of a quadrangular frame supported at its four corners by upright legs 4, 4, 4', 4'. The housing is preferably arranged with its rear side adjacent a chamber wall or partition. The legs 4, 4', etc., are preferably connected in pairs at opposite ends of the housing by

cross-bars 5, 5, or other suitable means, and jointly attached at their upper ends to the top 3, whereby they may be swung inward to lie against the top when the housing is folded up for deportation. To permit the overlapping ends of one pair of legs to lie parallel with the remaining pair, I have provided at the upper ends of the overlapping pair of legs a shoulder 6 which is pivoted to the top 3 and secured in fixed relation at right angles to the leg. It may be observed that the housing 1 is preferably constructed entirely of metal, the legs being formed of angle-irons.

Supported upon brackets 7, 7, 7, provided at predetermined points around the exposed sides of the top 3 and offset therefrom, I have shown a rod 8 for the support of draw-curtains 9, 9, which are normally disposed at opposite ends of the housing, and may be drawn together in front to conceal the bed portion when the latter is not in use.

The bed portion 2 of my device is shown in its preferred form to comprise a quadrangular frame 10 which is introduced sidewise into the housing 1 and partly inclosed thereby when in use, the frame 10 being supported at its four corners by posts 11, 11, 11', 11', pivotally secured thereto at their upper ends and resting upon the floor of the chamber. Within the frame 10 are shown bed-springs or a mattress-support 12 which is extended preferably across the full length and width of the frame and supported at the head and foot of the frame by suitable ledges 13, 13, provided thereon. The posts 11, 11', etc., are preferably connected in pairs at opposite ends of the bed by cross-bars 14, 14, which cause them to be actuated together when being folded. Within the housing 1 and adjacent the front legs 4, 4, are shown post-casings 15, 15, in the form of upright cylinders provided at their lower ends with an annular flange 16 and adapted to receive and hold in stationary position the lower ends of the posts 11, 11, on the inner or rear side of the bed, the casings 15 being preferably secured temporarily to the floor of the chamber by screws 17, 17, etc., passed through the flanges 16, on other suitable means. The legs 4, 4, of the housing are shown as adjustably connected to the post-casings 15, 15, by means of clamps 18, 18, riveted at their inner ends to the legs and provided at their outer ends with

a yoke or jaw-formation 19 to receive the casings, suitable thumb-screws 20 being provided on the yoke to engage with the casings.

To fold up the bed after use, the front 5 side is elevated until the bed assumes a vertical position within the housing, the frame 10 being pivoted on its rear side to the rear posts 11, 11, as previously described. When at rest in its folded position the bed is inclined somewhat rearward of its true perpendicular, thus obviating the possibility of it otherwise falling forward when not in use.

It will be observed from the foregoing 15 description, taken in connection with the accompanying drawings, that the bed portion cannot assume a tilted or vertical position within the housing without the voluntary manual aid required to place it in a folded position, thereby obviating all danger of accidental closure when in use. It 20 will also be seen that the device may be folded into a compact and readily portable form, the main portions thereof being re-

movably connected for this purpose. As 25 the bed is tilted sidewise, less manual force is required to place it in a vertical position than if actuated endwise.

I claim:—

1. The combination of a bed having a 30 foldable element, a housing comprising a plurality of jointed connected elements adapted to be folded together for transportation, and means for permanently but detachably securing an element of the hous- 35 ing to an element of the bed.

2. The combination with a bed comprising a bed frame having legs pivoted thereto, of a housing comprising a top and end portions pivoted thereto, and means for per- 40 manently but detachably securing said end portions to legs of the bed.

In testimony whereof I hereto affix my signature in presence of two witnesses.

SAMUEL KOHN.

Witnesses:

JNO. J. WHITTLESEY,

WILLIAM E. BAGG.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."