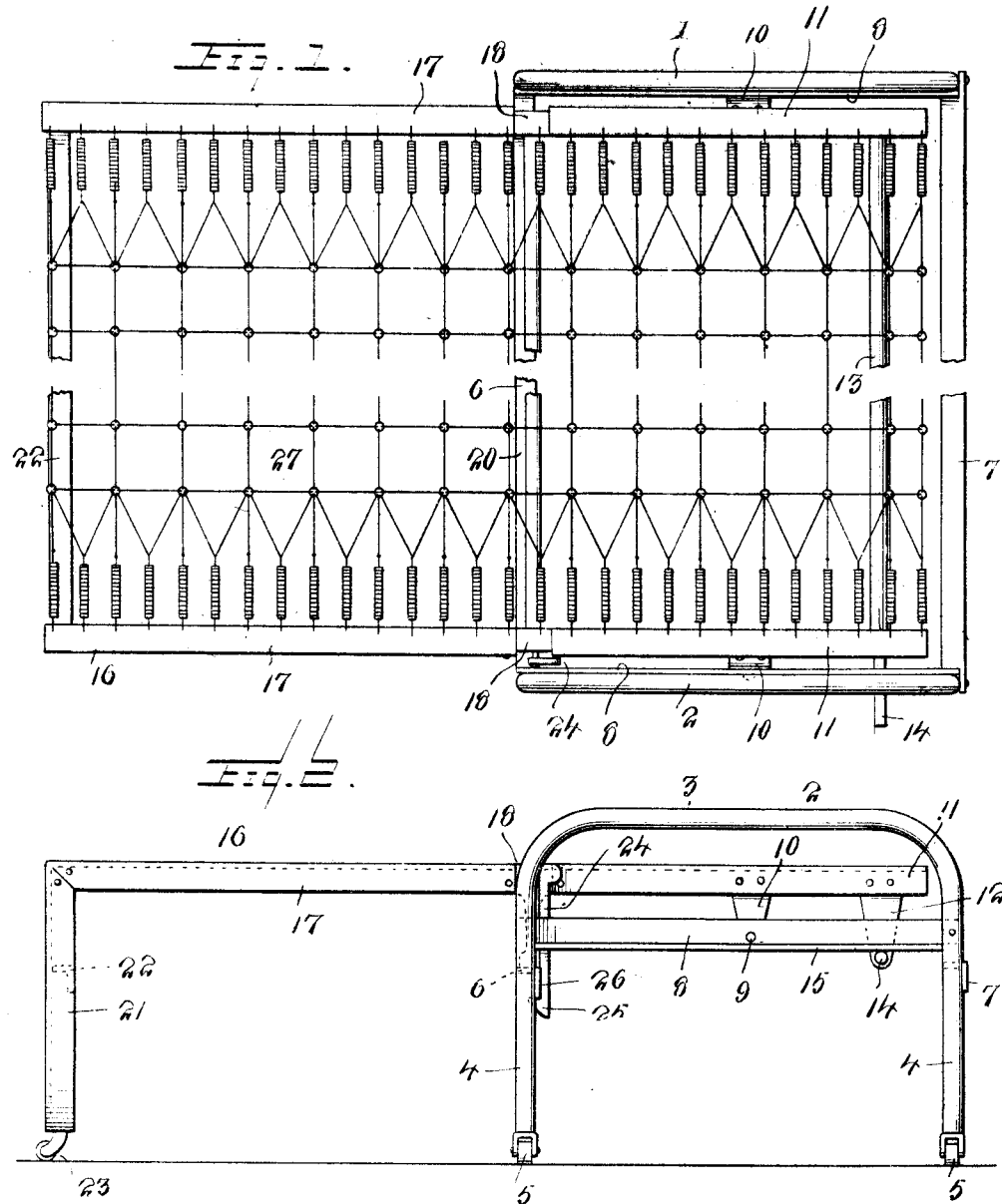


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 COMBINED FOLDING COUCH AND BED.
 APPLICATION FILED FEB. 10, 1913.

1,060,560.

Patented Apr. 29, 1913.

2 SHEETS—SHEET 1.



Witness
James A. Koch

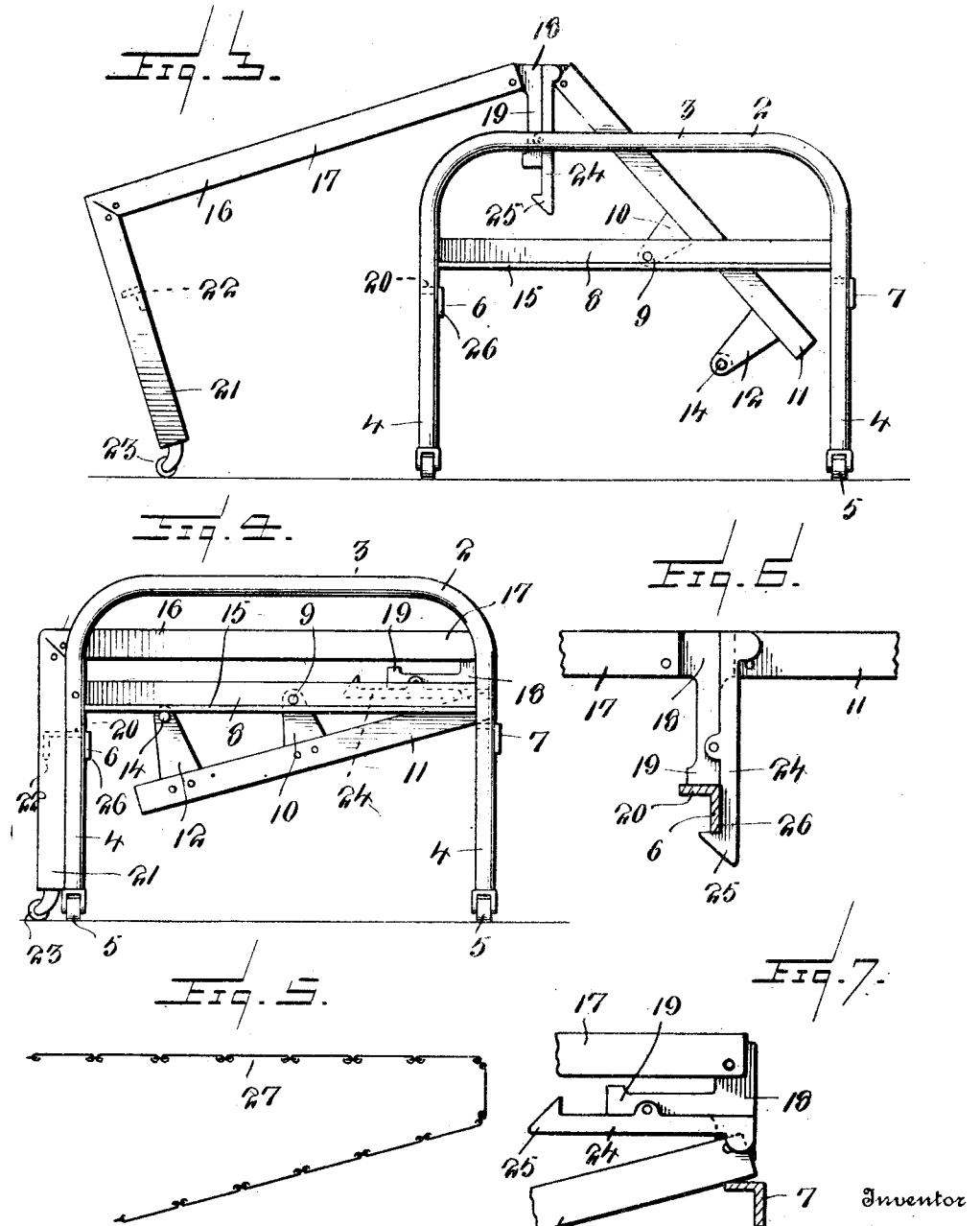
Inventor
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 Attorneys

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Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE B. SANDERS, OF NASHUA, NEW HAMPSHIRE.

COMBINED FOLDING COUCH AND BED.

1,060,560.

Specification of Letters Patent.

Patented Apr. 29, 1913.

Application filed February 10, 1913. Serial No. 747,337.

To all whom it may concern:

Be it known that I, GEORGE B. SANDERS, a citizen of the United States of America, residing at Nashua, in the county of Hillsboro and State of New Hampshire, have invented certain new and useful Improvements in Combined Folding Couches and Beds, of which the following is a specification.

This invention relates to a combined folding couch and bed; and it has for its primary object the provision of a structure of this character whereby the sections may be readily folded or extended into bed form in one position and then folded to another position where the sections will be substantially superimposed relatively to assume the form of a couch.

Another object of the invention is to provide means to facilitate adjusting the sections relatively.

A further object of the invention is the provision of means for holding the sections properly set up and assembled when arranged in the desired body sustaining positions.

A still further object of the invention is to provide a combined couch and bed structure wherein the companion folding sections may be connected together by a one piece fabric bottom.

With these and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts, as will be hereinafter described and claimed.

In the accompanying drawings:—Figure 1 is a top plan view of the combined couch and bed, showing portions broken away; Fig. 2 is a side view thereof, showing the companion sections folded to occupy the same general positions; Fig. 3 is a view similar to Fig. 2, showing the sections partly folded relatively; Fig. 4 is a similar view, showing the sections in full folded positions; Fig. 5 is a diagrammatic view, illustrating the folded condition of the one piece fabric bottom when one section is folded under the other; Fig. 6 is an end view of intermediate portions of the companion sections, illustrating the latch for holding both sections in bed forming positions relatively; and Fig. 7 is a view similar to Fig. 6, showing the companion sections folded.

The combined couch and bed comprises a frame including head and foot members 1 and 2, which are of the same general con-

struction preferably and of substantially inverted U-configuration whereby to provide a top rail 3 and depending legs 4, the latter each being supported from a suitable caster 5. Said head and foot members 1 and 2 are connected together by a longitudinal front bar 6 and a longitudinal rear bar 7 and transverse bars 8, each of said bars being preferably of L-configuration.

The transverse bars 8 have journaled therein trunnions 9 of brackets 10, the latter being secured to side bars 11 of a bed forming section. These bars are provided with brackets 12, which are connected together by a longitudinal brace rod 13, which has a locking extremity 14, which engages beneath the horizontal flange 15 of the adjacent bar 8, so as to prevent the upper tilting of said bed forming section when the weight of a person is applied thereto at a point forwardly of the pivot brackets 10. This extension 14 also forms a foot piece against which the pressure of the foot may be brought to bear when it is desired to fold said bed forming section under the main couch forming section 16. The couch forming section is provided with bars 17, which are alined with the bar 11 of the bed forming section when the latter and the former are in the position shown in Fig. 2. Hinge members 18 are pivoted to the adjacent extremities of said bars 11 and 17 and as illustrated said members are provided with integral spacing and sustaining feet 19, which are adapted to contact with the horizontal flange 20 of the frame bar 6 when both sections of the structure are folded to assume the same general plane relatively. The main couch section has its bars 17 extended into vertical leg portions 21, which are connected together by a brace bar 22, the latter lying in parallel relation with the bars 6 and 7, as shown. Said leg portions 21 are provided with casters 23. With a view to preventing the structure from breaking at its joint, I provide the bed forming section with a pivoted weight controlled latch 24 having a hook 25, which is adapted to engage under the vertical flange 26 of the bar 6 when the bed forming section and the couch section are folded into bed forming position, as shown in Figs. 1, 2 and 6. The bottom consists of a single piece of fabric 27, which is connected in any suitable well known manner to the bars 11 and 17 and also to the hinge members 18. From this

construction, it will be apparent that when the structure is in the position shown particularly in Fig. 2, both the bed forming section and the couch forming section will be properly supported in operative horizontal positions whereby to effectually sustain the weight of the person. When it is desired to fold the structure into couch position, the latch 24 is released from the keeper portion 26 of the front bar 6. Pressure of the foot is then applied to the extension 14 of the bed forming section, so that both sections will be adjusted angularly to the position shown in Fig. 3. By continuing the application of pressure to said portion, the bed forming section may be entirely folded so as to underlie the main couch forming section, as shown in Fig. 4. In this position, said portion 14 underlies the horizontal flange 15 of the adjacent bar 8 while the side bars 11 have portions in supporting contact with the bar 7.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation. Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention, as claimed.

Having thus described my invention, what I claim is:-

35 1. A combined couch and bed comprising a frame, a rocking bed section carried thereby, and provided with a foot actuated tilting bar adapted to engage beneath the frame to hold said sections against tilting in one direction, a couch forming section, members 40 pivotally connecting both sections together and provided with supporting feet adapted to engage against the frame to sustain both sections in the same general plane, and a one piece fabric bottom extending over both 45 of said sections and foldable at the joint

between said sections to permit said bed section to underlie the couch section when the latter is adjusted to overlie the frame.

2. A combined couch and bed comprising 50 a frame, a rocking bed section carried thereby, and provided with a foot actuated tilting bar adapted to engage beneath the frame to hold said sections against tilting in one direction, a couch forming section, members 55 pivotally connecting both sections together and provided with supporting feet adapted to engage against the frame to sustain both sections in the same general plane, a one piece fabric bottom extending over both of 60 said sections and foldable at the joint between said sections to permit said bed section to underlie the couch section when the latter is adjusted to overlie the frame, and a latch carried by one of said connecting 65 members and adapted to engage with said frame to hold both sections in set up position relatively.

3. A combined couch and bed comprising: 70 a frame having supporting feet, a bed section mounted for rocking movements on said frame, a bar carried by the section and having a foot actuated portion for tilting the section and adapted to engage beneath the frame to hold the section against rock- 75 ing movement in one direction, a couch forming section adapted to aline with the first section on one adjustment of the latter and to overlie the same on another adjustment thereof, supporting feet on said couch 80 section, members hingedly connecting both sections together, and supporting legs carried by said members and engaging against said frame when both sections occupy the same general plane. 85

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

GEORGE B. SANDERS.

Witnesses:

ANDREW J. TUCK,
MAMIE ANNIS.