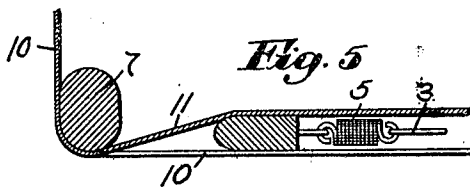
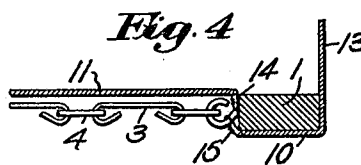
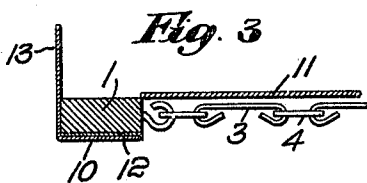
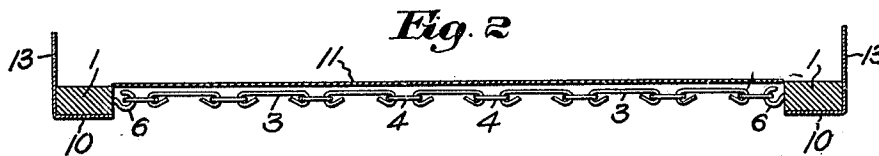
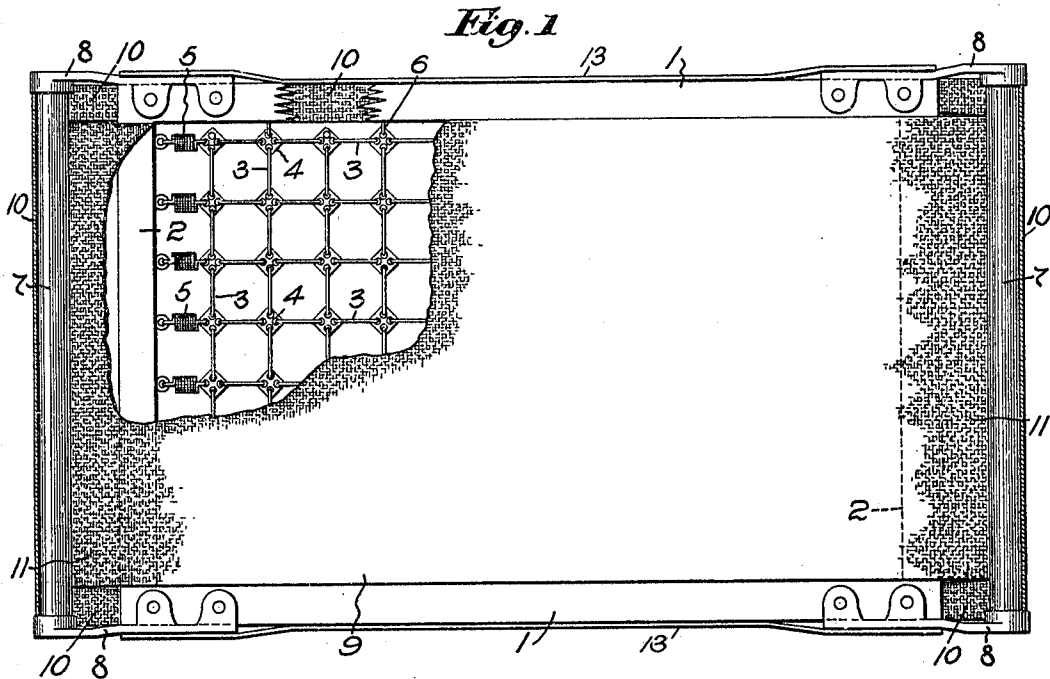


I. E. PALMER.
 FRAMED OR COUCH HAMMOCK.
 APPLICATION FILED JUNE 2, 1909.

955,826.

Patented Apr. 19, 1910.



Witnesses:

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UNITED STATES PATENT OFFICE.

ISAAC E. PALMER, OF MIDDLETOWN, CONNECTICUT, ASSIGNOR TO I. E. PALMER CO., OF MIDDLETOWN, CONNECTICUT, A CORPORATION OF CONNECTICUT.

FRAMED OR COUCH HAMMOCK.

955,826.

Specification of Letters Patent.

Patented Apr. 19, 1910.

Application filed June 2, 1909. Serial No. 499,681.

To all whom it may concern:

Be it known that I, ISAAC E. PALMER, a citizen of the United States, residing at Middletown, in the county of Middlesex and State of Connecticut, have invented an Improvement in Framed or Couch Hammocks, of which the following description, in connection with the accompanying drawings, is a specification, like numerals on the drawings representing like parts.

This invention relates to framed or couch hammocks.

In order that the principles of the invention may be readily understood, I have disclosed a single embodiment thereof in the accompanying drawing, wherein—

Figure 1 is a plan view with parts broken away of a couch or framed hammock embodying my invention; Fig. 2 is a cross section of the construction shown in Fig. 1; Figs. 3 and 4 are detail cross sectional views of modified forms of my invention; and Fig. 5 is a detail in longitudinal section of a portion of a couch or framed hammock embodying my invention.

Hammocks or suspension couches have heretofore been composed of a hammock body provided with end suspension means and a frame applied thereto, said frame either wholly overlying the horizontal portion of the hammock body, as in the so-called "Gloucester" type of hammock, or underlying the horizontal portion of the hammock body, but having end cross rods under and about which the hammock body passes, as disclosed in my Patent No. 574,073, December 29, 1896. I have, as herein disclosed, combined certain features of said two types of hammocks, and in so doing have preserved all the advantages of each of said types with the result that the weight of the frame is not wholly borne by the end cross rods, but is borne in part by the longitudinal members of the frame. Moreover I am enabled to dispense with the mattress commonly employed with the so-called "Gloucester" type of hammock, inasmuch as the hammock body overlies the main portion of the frame. The frame is provided with a seating preferably of some suitable flexible character, and if desired a thin wadding may be inserted between the seating and the hammock body.

Referring more particularly to the draw-

ing and first to Figs. 1 and 2 thereof, the frame which is adapted to be applied to the hammock body is herein represented as composed of longitudinal members 1—1 and end members 2—2 suitably secured together, said members being preferably formed of wood. While the central or supporting portion of the frame may be of any suitable material, preferably it is formed as a flexible seating herein shown as composed of links 3—3 and eyes 4, said seating being preferably connected to the end members 2 by coiled springs 5 and to the longitudinal members 1 by suitable means, such for example as inclined side springs arranged in pairs, the members of which diverge from each other, or by hooks 6 at each side but arranged in staggered relation to provide the desired lateral resiliency. It is apparent, however, that within the principles of my invention any suitable seating may be employed.

The frame is provided with end cross bars 7—7 placed at any suitable distance from the frame and connected thereto by suitable means, such for example as brackets 8—8 similar to those shown in my Patent No. 901,936, October 20, 1908.

The hammock body, which is preferably cloth, such for example as canvas, is represented at 9, it being provided with end suspension means of any suitable character. Intermediate its end parts the hammock body is provided with longitudinally extending edge portions and an intermediate or central longitudinally extending portion 11, said portions being separated from each other preferably by slitting the material of the hammock body after the weaving or other forming process. It is apparent, however, that these portions may be separated from each other during the weaving process. If the hammock body is slitted, then preferably the raw edges are provided with a binding or are hemmed in some suitable manner.

The central longitudinal portion 11 overlies the seating and the end members 2 of the frame and the edge portions 10 underlie the longitudinal members 1 of the frame.

The line of separation between the edge and central portions 10, 11 may extend to any suitable distance beyond the end members 2, but preferably it terminates between said end members 2 and the end cross bars

7, the said parts 10 and 11 beyond this point merging into the end parts of the hammock body.

The hammock body may be applied to the frame after the brackets 8—8 have been attached to the frame at one side thereof but before they have been applied at the other side, the frame being slid sidewise into position between said portions 10 and 11. Thereupon the remaining brackets 8 are secured in position. Or the hammock body may be applied to the frame after all the brackets have been secured in position, but before the end cross bars have been applied thereto.

If desired, certain portions of the hammock body may be made of material having a less degree of longitudinal extension than the end parts of the hammock. If for instance the end parts of the hammock be composed of canvas, I may make the intermediate portion of the hammock or parts thereof of jute or flax or some other suitable material having a less degree of longitudinal extension. For example, the edge portions 10—10, and if desired the central portion 11, may be formed of jute or some other suitable material for the purpose stated, or if desired I may reinforce the portions 10 by layers or strips of jute or other suitable material 12, as indicated in Fig. 3. Preferably the edge portions 10 are provided with lateral upstanding edges 13. In such event, I may if desired apply a light mattress to the upper surface of the hammock body.

In order to prevent lateral displacement of the portions of the hammock body, I may provide means for securing their edges to the seating or the frame. In Fig. 4, I have represented the central portion 11 as provided with cords 14, by which it may be attached at suitable intervals to the seating, the underlying edge portions 10 being similarly provided with cords 15 for the same purpose.

From the foregoing description, it will be clearly apparent that the hammock embodying my invention possesses all the advantages of the so-called "Gloucester" type of hammock and of the type of hammock represented in my Patent No. 574,073. The frame may be readily applied to or removed from the hammock body, and the use of a heavy mattress is not rendered necessary.

Having thus described one illustrative embodiment of my invention, I desire it to be understood that although specific terms are employed, they are used in a generic and descriptive sense and not for purposes of limitation, the scope of the invention being set forth in the following claims.

Claims.

1. A couch hammock comprising in combination a frame having end cross bars, and a hammock body adapted to be applied there-

to and having a central portion and edge portions intermediate the ends of said hammock body and extending longitudinally of said body and of substantially the length of said frame and substantially parallel to and separated from each other, the said central portion being adapted to overlie and the said edge portions being adapted to underlie the said frame when the latter is applied to the hammock body.

2. A couch hammock comprising in combination, a frame composed of longitudinal and end members and a seating, end cross bars longitudinally beyond but secured to said frame, and a hammock body having a central and edge portions, the central portion passing under said end cross bars and over the end members and seating and the edge portions passing under the end cross bars, the end members and the longitudinal members.

3. A couch hammock comprising in combination a frame composed of longitudinal and end members and a seating, end cross bars longitudinally beyond said frame, means for detachably securing said cross bars to said frame, and a hammock body longitudinally slitted adjacent opposite side edges, the portion of the hammock body between said slits extending above the seating and the portions of the hammock body outside said slits underlying the said frame.

4. A couch hammock comprising in combination a frame having end cross bars, and a hammock body applied thereto and longitudinally slitted adjacent opposite side edges for the entire distance between said end cross bars, the portion of the hammock body between said longitudinal slits passing above the frame and the portions of the hammock body outside said slits underlying the said frame.

5. A couch hammock comprising in combination a frame having longitudinal and end members and a seating, end cross bars longitudinally beyond but secured to said frame, and a hammock body having a central longitudinal portion and edge portions substantially parallel therewith, said central portion overlying the seating, and the edge portions underlying the said longitudinal members of the frame and having upstanding outer edges.

6. A couch hammock comprising in combination a frame and a hammock body adapted to be applied thereto, said body having end supporting means, and an intermediate part of substantially the length of said frame, said intermediate part being composed of lateral, longitudinally extending edge portions adapted to underlie said frame when the latter is applied to said hammock body and a longitudinal portion between said edge portions and separated therefrom, and adapted to overlie said frame, where-

by said frame is supported by said edge portions.

7. A hammock body adapted to have a frame applied thereto, said body having end parts provided with suspension means, and an intermediate part of substantially the length of said frame and composed of longitudinally extending, lateral, edge portions, and an intermediate, longitudinally extending portion separated from said lateral edge portions between said end parts and for substantially the length of said frame, the said

edge portions and the intermediate portions being adapted to receive the frame between them, whereby the frame is supported by the hammock and a part of the latter overlies the frame. 15

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

ISAAC E. PALMER.

Witnesses:

FRED. E. FOWLER,
CHAS. M. SAUER.