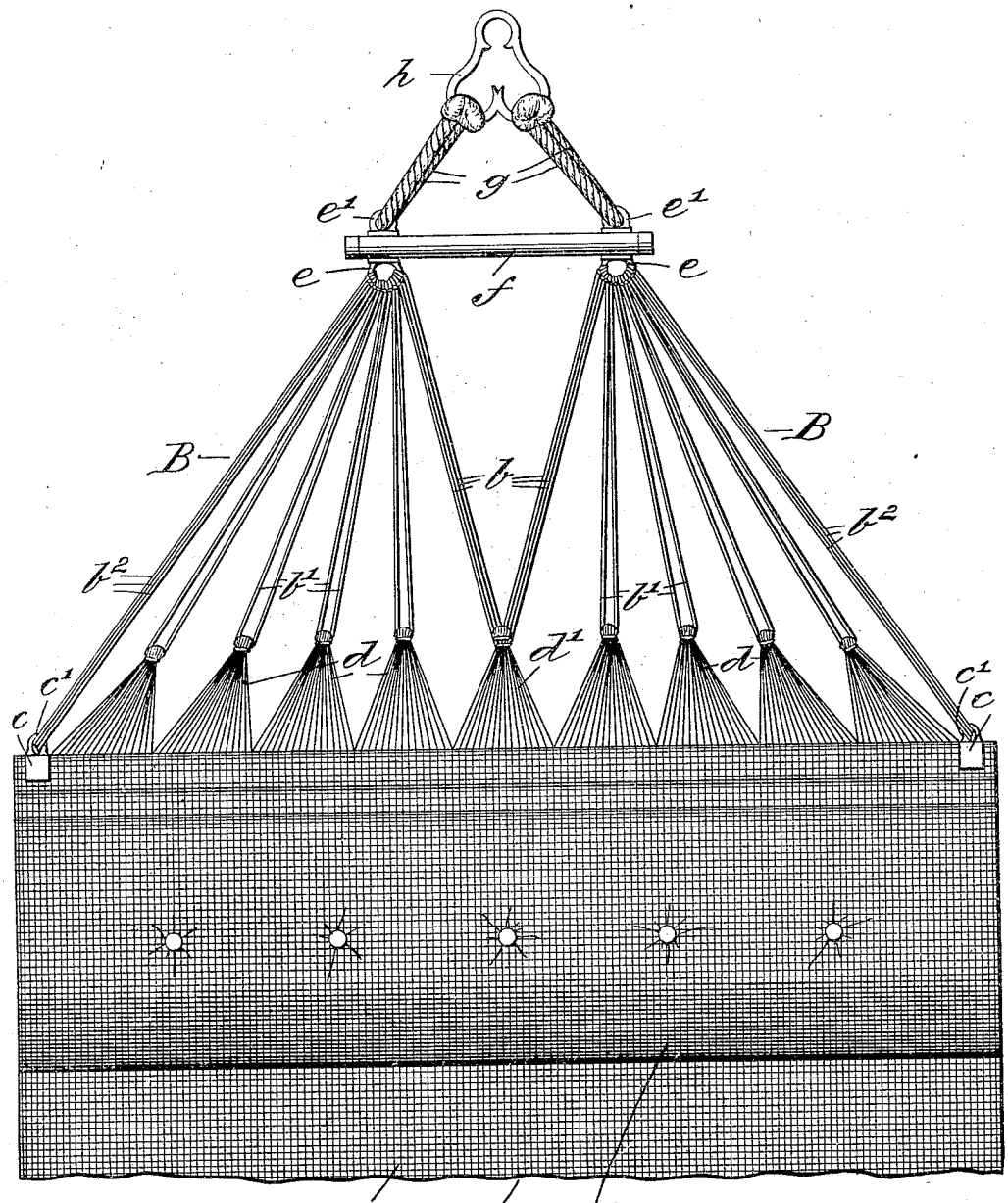
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H. L. HOHLFELD.

HAMMOCK.

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HAMMOCK.

No. 810,942. Specification of Letters Patent. Patented Jan. 30, 1906.

Application filed September 25, 1905. Serial No. 280,053.

To all whom it may concern:

Be it known that I, HERMAN L. HOHLFELD, a citizen of the United States, residing at the city of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Hammocks, of which the following is a specification.

My invention has relation to a hammock of that class in which the supporting strings or cords are divided into two groups or sections; and in such connection it relates more particularly to the arrangement of the strings to distribute the weight of a person evenly over both sections thereof.

Heretofore hammocks supported by two independent groups or sections of strings or cords were left unsupported in their central longitudinal portion by the strings, which portion by being subjected to the greatest strain gave way under this strain by breaking or tearing at the unsupported portion, which breakage was furthered by the strings tending to draw the hammock-cloth in opposite directions from the central portion.

The principal objects of my invention are, first, to overcome the disadvantages of hammocks supported by two independent groups or sections of cords or strings and to so merge certain of the strings of both groups or sections that the weight of a person or persons occupying the hammock is evenly distributed over both sections of strings as well as over the entire hammock-cloth; second, to so strengthen the strings supporting the central portion of the hammock as to enable the same to efficiently withstand the strain exerted thereon, and, third, to produce a greater elasticity or yielding of the hammock-cloth by providing strings of greater length at this portion.

The nature and scope of my invention will be more fully understood from the following description, taken in connection with the accompanying drawing, illustrating in top or plan view the upper or head portion of a hammock embodying the features of my invention.

Referring to the drawing, A represents the head or end portion of a hammock-body formed of suitable hammock-cloth *a*, which is provided with a cushion or pillow *b*. In the end of the hammock-cloth *a* is inserted a spreader-bar, (not shown,) to which are secured loops *c*. The eyes *c'* of these loops *c*, as well as the tabs *d*, formed by threads of the hammock-cloth *a*, constitute the means of connecting the hammock A to two groups or sections of strings or cords B, the arrangement and connection of which to the tabs *d* and loops *c* form the subject-matter of the present application. Each of the sections or groups of strings B is secured to an eye *e*, carried by a cross-bar *f*, adapted to hold the eyes *e* a certain distance apart from each other. To the other end or extension *e'* of each eye *e* are secured cords *g*, which are connected with a hook *h* in any suitable manner. Each group or section of strings B extends from the eyes *e* and is connected to the tabs *d*, arranged an equal distance apart from each other, and to the eyes *c'*, arranged adjacent to the ends of the hammock A. These divided groups of strings are, however, united with each other by connecting the inner strings *b* of each group or section B with the tap *d'*, centrally arranged with respect to the hammock-cloth *a*. In order to efficiently withstand the strain to which the central portion of the hammock-cloth is subjected, the inner strings *b* of each section B, directly supporting this portion of the hammock, are reinforced and consist in the present instance of three strings each, making six strings combined, whereas the strings adjacent to the inner strings *b*, and engaging the intermediate tabs, consist of the usual number of two strings *b'*, while the outer strings b^2, which are also subjected to a great strain, directly engage the eyes *c'* of the loops *c*, consist of three strings each. Thus the arrangement of strings *b*, *b'*, and b^2 corresponds to the different strains to which the hammock-cloth *a* is subjected during use. By this arrangement of the strings the weight of a person therefore will be evenly distributed over each of the sections of strings B, and, furthermore, a parting or breaking of the hammock-cloth is thereby avoided by supporting the hammock-cloth at its central portion, which is subjected to the greatest strain. The inner strings *b* by being longer than the adjacent strings *b'* permit the hammock-cloth to yield at this portion, which not alone renders the hammock more comfortable, but also relieves the same of considerable of the strain to which this portion is naturally subjected.

Although only the upper end or head portion of the hammock A is shown as being supported by the strings *b*, *b'*, and b^2, it is obvious that the foot portion may be supported in the same manner by the strings, as hereinbefore described, and shown in the drawings.

Having thus described the nature and object of my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a hammock, a hammock-body, two groups or sections of strings, the inner contiguous strings of each section merging into each other and adapted to support said hammock-body at its central portion and arranged to permit of a yielding of the same at this portion to equally distribute the weight carried by the hammock-body over both sections of said strings.

2. In a hammock, a hammock-body having hammock-cloth, two groups or sections of strings, the inner contiguous strings of each section merging into each other by engaging the central portion of said hammock-cloth, said inner strings arranged to equally distribute the weight carried by said hammock-body over both sections of said strings.

3. In a hammock, a hammock-body having tabs, loops secured to said hammock-body, two groups or sections of strings, each consisting of a series of strings, the outer one of said series of strings being adapted to engage said loops and the inner contiguous strings of said section adapted to engage a tab centrally arranged with respect to said hammock-body, and the intermediate string of the strings of each section thereof arranged to assist in the support of said hammock-body beyond the central longitudinal portion thereof.

4. In a hammock, a hammock-body, tabs projecting an equal distance apart from said body, two groups or sections of strings adapted to engage said tabs, the inner contiguous strings of each section of said strings being arranged to engage one of said tabs centrally arranged with respect to said hammock-body.

5. In a hammock, a hammock-body, tabs projecting an equal distance apart from said body, loops secured to said body having eyes, two groups or sections of strings adapted to engage said tabs and eyes, the inner and outer reinforced strings of each of said groups being adapted to support each end of said hammock-body by engaging said eyes, and the inner contiguous strings being adapted to support said hammock-body at its central portion by engaging one of said tabs.

In testimony whereof I have hereunto set my signature in the presence of two subscribing witnesses.

HERMAN L. HOHLFELD.

Witnesses:

WILHELM VOGT,

THOMAS M. SMITH.