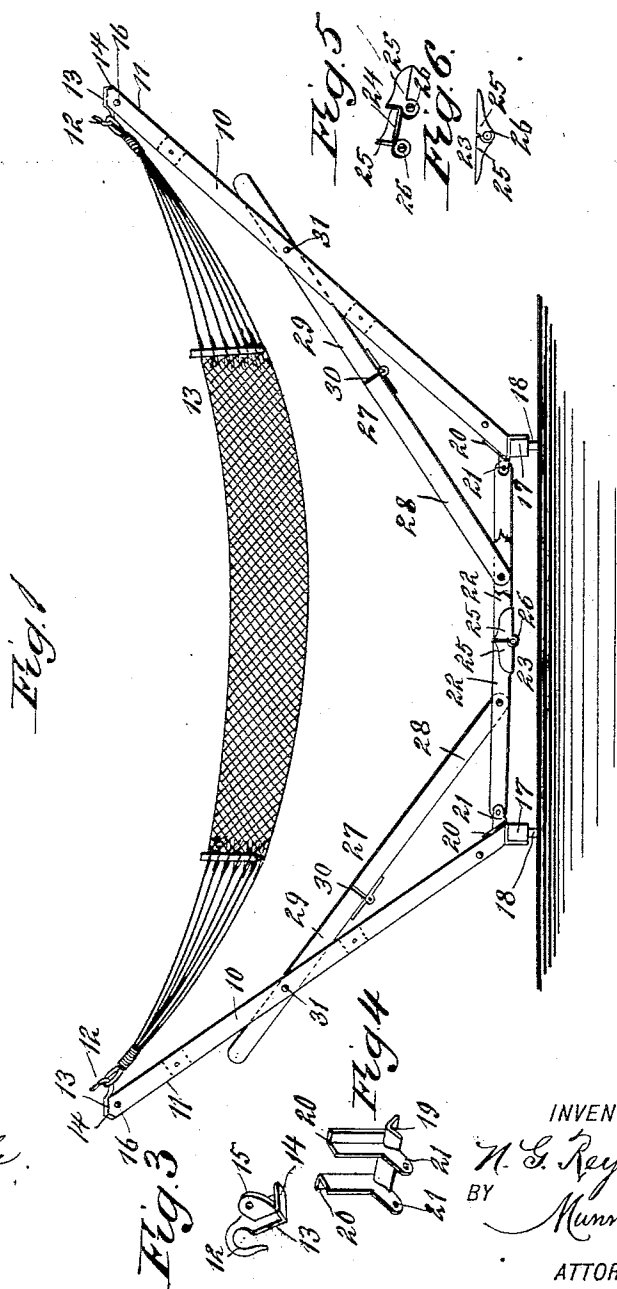
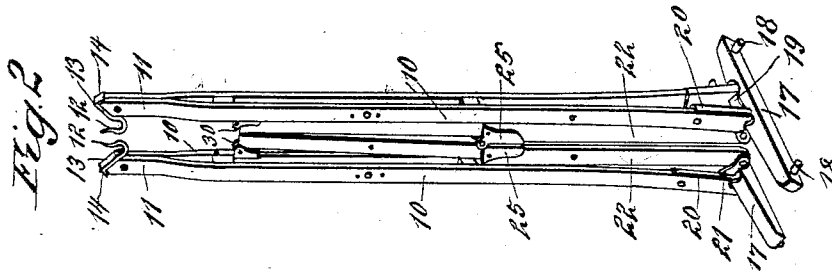


(No Model.)

N. G. REYNOLDS.
HAMMOCK SUPPORT.

No. 504,618.

Patented Sept. 5, 1893.



WITNESSES:
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UNITED STATES PATENT OFFICE.

NELSON G. REYNOLDS, OF BANGOR, MICHIGAN.

HAMMOCK-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 504,618, dated September 5, 1893.

Application filed October 14, 1892. Serial No. 448,846. (No model.)

To all whom it may concern:

Be it known that I, NELSON G. REYNOLDS, of Bangor, in the county of Van Buren and State of Michigan, have invented a new and Improved Hammock-Support, of which the following is a full, clear, and exact description.

My invention relates to improvements in hammock supports; and the object of my invention is to produce a folding support adapted to have a hammock conveniently and safely secured to it, and to construct and arrange the part of the support so that when extended to carry a hammock it will be very strong, to arrange the said parts so that when not in use the support may be folded into a very small compass, and to produce a support which, while having the necessary strength, is extremely light and easily operated.

To these ends my invention consists of a hammock support, the construction of which will be hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate corresponding parts in all the views.

Figure 1 is a broken side elevation of the support in position for use and with the hammock suspended therein. Fig. 2 is perspective view of the folded support. Fig. 3 is a detail perspective view of the hammock hook which is fixed to the supporting legs. Fig. 4 is a detail perspective view of the double clip which is secured to the hammock legs and feet and also to the stretcher arms. Fig. 5 is a detail perspective view of one of the hinge leaves of one of the stretcher arms; and Fig. 6 is a side elevation of the stretcher arm hinge.

The support is provided with oppositely arranged diverging legs which extend upward and outward when the support is in position for use, each leg consisting of parallel bars 10 which are united at the top, as shown at 11, and the legs have at their upper ends, hooks 12, on which the hammock 13 is suspended. Each hook 12 is formed preferably on a plate 13 which is adapted to rest upon the end of the leg to which the hook is attached, and the plate at one end is bent downward and outward, as shown at 14, so as to act as a brace to prevent the displacement of

the plate and hook. The plate has also on its under side a depending lug 15, which is held between the two members of the leg and receives the fastening rivet 16. It will be seen then that the hook cannot be easily displaced and the connection with the legs is very strong. The lower ends of the legs are provided with transverse feet 17, each foot consisting of a bar, which has on its underside, studs 18, which engage in the soil when the support is out of doors and prevent the support from slipping. The legs and feet are connected by means of double clips, one of which is shown in detail in Fig. 4, and each clip consists of an angle plate 19 adapted to lie over one of the upper corners of the feet, and projecting upward at a right angle to this plate are parallel angle irons 20 which are adapted to fit upon the inner corners of the members 10 of the legs, and which at their lower ends terminate in inwardly extending ears 21 between which the stretcher arms 22 are pivoted. These arms 22 consist preferably of parallel members, although they may be made each of a single piece, and the stretcher arms, when extended, lie in a horizontal position, as shown in Fig. 1, and fix the position of the feet 17 in relation to each other. The stretcher arms are connected by a hinge 23 consisting of two similar leaves 24 which have side flanges 25 which overlap the sides of the stretcher arms and interlocking knuckles 26 through which the hinge pintle passes. The stretcher arms 22 have square inner ends which abut when the arms are in a horizontal position, as shown in Fig. 1, and when the support is folded, the arms lie with their under sides almost upon one another.

The support is provided with oppositely arranged and upwardly extending diverging braces 27, each of which consists of two similar members 28 and 29, the lower members 28 being pivoted to the stretcher arms 22 and the upper and lower members are hinged together, as shown at 30 in Figs. 1 and 2. The upper end portions of the members or sections 29 of the braces are pivoted between the members 10 of the legs. The hinges 30 are arranged on the under sides of the arms 27, and it will be seen that when a person is in the hammock the strain will come almost endwise upon the legs, the braces 27, and the

stretcher arms 22. It follows then that the several parts may be made very light so as to be easily portable and still have the necessary strength.

5 When the support is to be used the legs 10 are swung apart and pulled apart, thus straightening out the stretcher arms 22 and braces 27. The hammock is then hung upon the hooks 12 and the apparatus is ready for
10 use. When it is to be folded up, the hammock is removed, the hinges 30 and 23 pushed upward, and the legs 10 turned into a vertical position and pushed together, as shown in Fig. 2.

15 I am aware that folded hammock supports have been heretofore used, and I do not claim such an article broadly as my invention, but the peculiar construction of my support renders it extremely well adapted for its purpose.

20 Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A hammock support, comprising diverging legs having hooks at their upper ends,

and transverse feet at their lower ends, the 25 legs being made of parallel members united at the top, stretcher arms pivoted to the feet of the support and hinged together at their inner ends, and jointed braces pivoted to the stretcher arms and between the leg members 30 so as to fold upward and inward when the legs are pushed together, substantially as described.

2. In a hammock support, the combination with the diverging legs, the transverse feet 35 and the stretcher arms pivoted to the feet, of the double clip connecting the feet, legs and arms, each clip comprising an angle plate to fit the corners of a foot, upwardly extending parallel angle irons to fit the corners of the 40 leg members, and projecting ears adapted to be pivoted to the stretcher arms, substantially as described.

NELSON G. REYNOLDS.

Witnesses:

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GEORGE CHAPMAN.