

(No Model.)

V. P. TRAVERS.  
HAMMOCK CHAIR.

No. 370,222.

Patented Sept. 20, 1887.

Fig. 1.

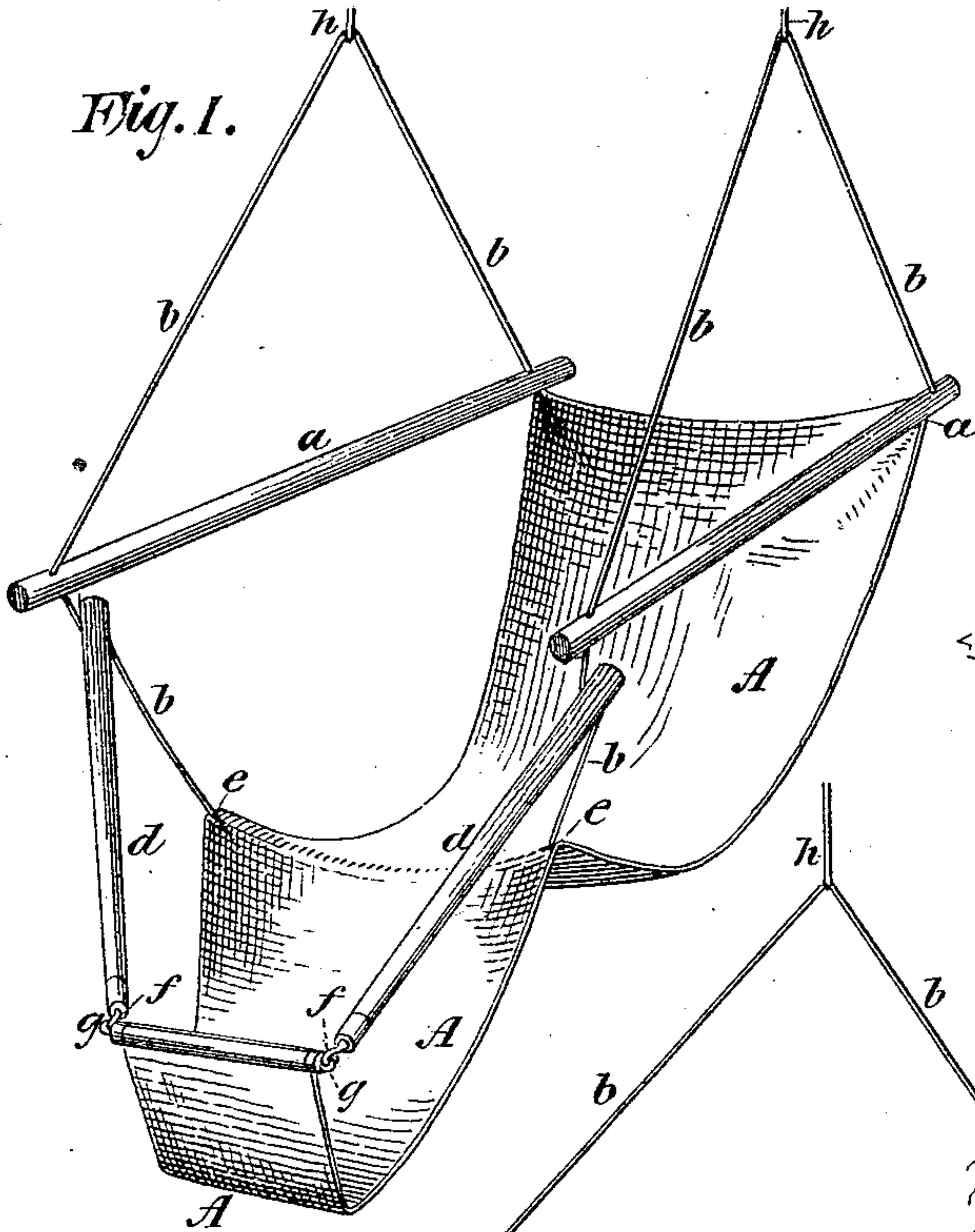


Fig. 3.

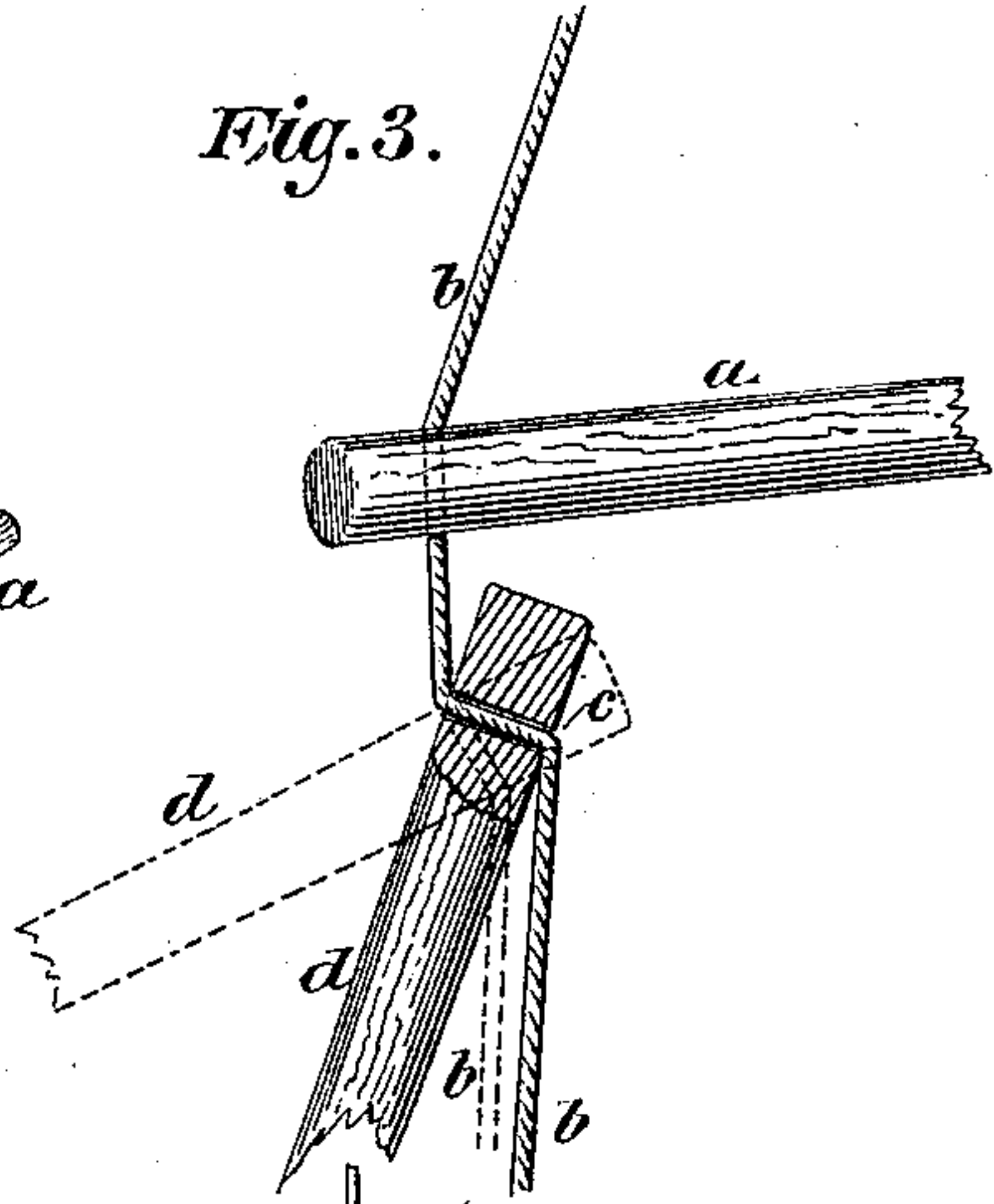


Fig. 2.

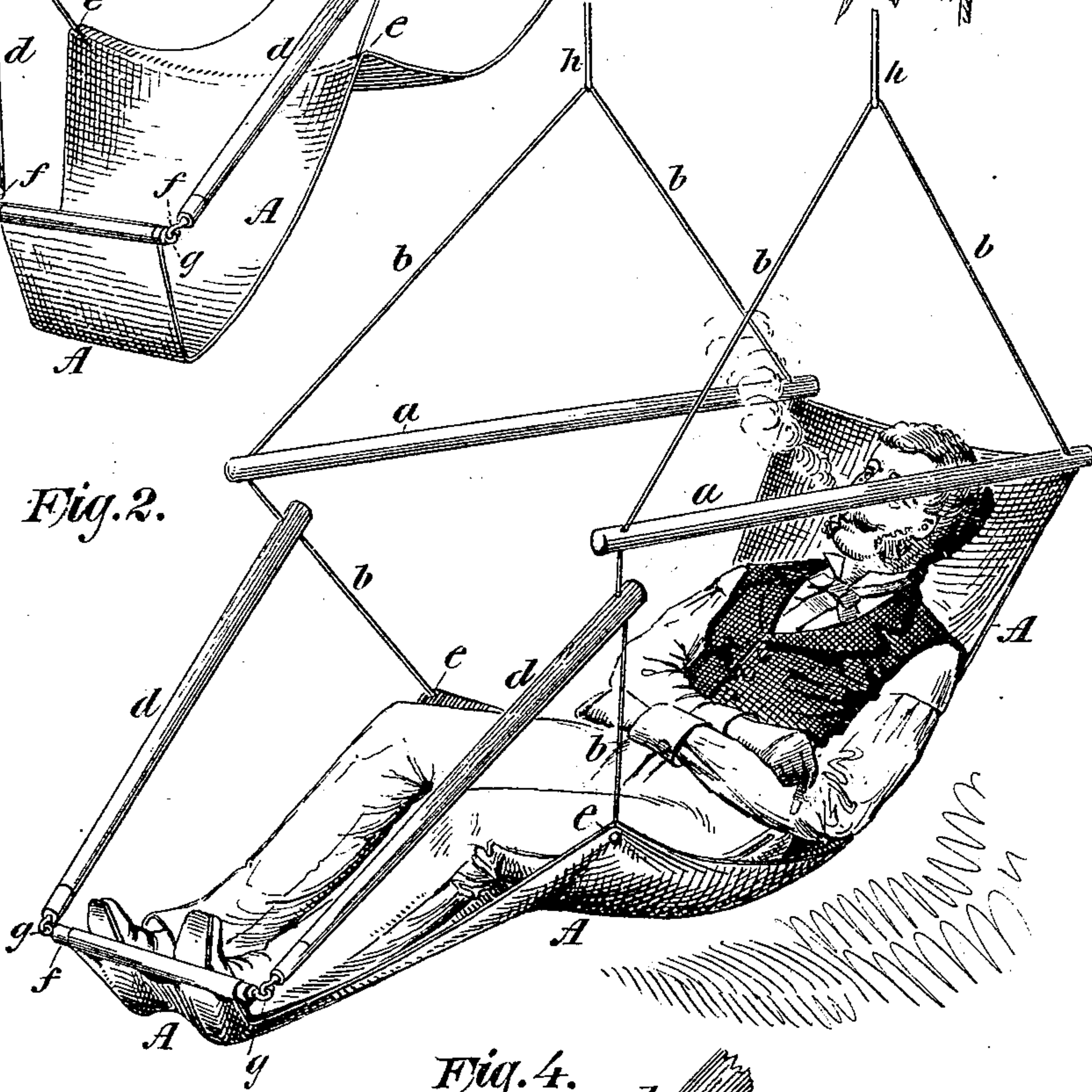
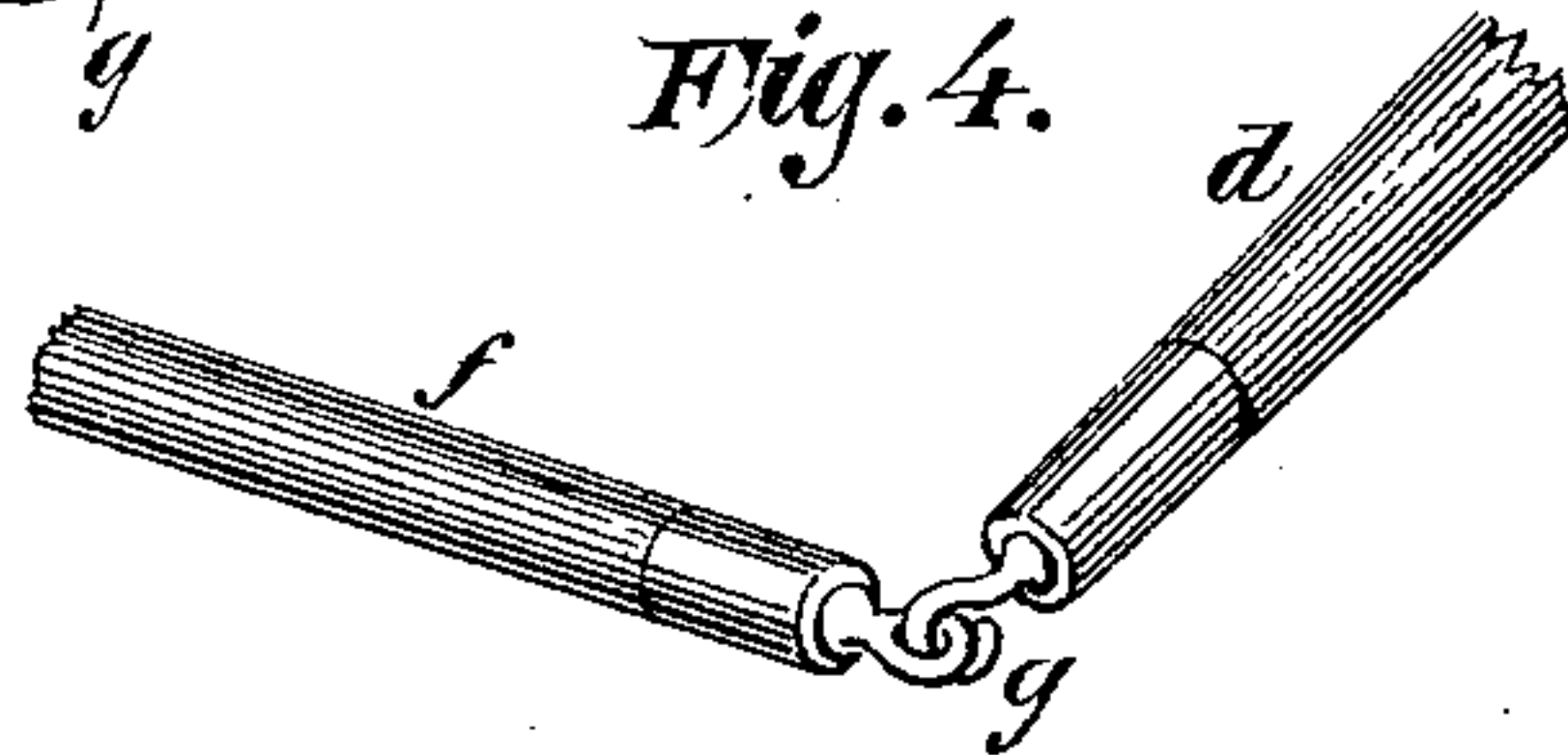


Fig. 4.



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# UNITED STATES PATENT OFFICE.

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## HAMMOCK-CHAIR.

SPECIFICATION forming part of Letters Patent No. 370,222, dated September 20, 1887.

Application filed June 10, 1887. Serial No. 240,877. (No model.)

*To all whom it may concern:*

Be it known that I, VINCENT P. TRAVERS, of the city, county, and State of New York, have invented a new and Improved Hammock-Chair, of which the following is a full, clear, and exact description.

The object of my invention is to provide a cheap, comfortable, and durable hammock-chair, and one in which the foot-rest will be automatically put into position when a person enters the hammock, the weight of the person acting through the cords and bars of the hammock to produce this result.

The essential elements of my improved hammock are a pair of longitudinal stretching-bars carrying a hammock-body by means of two suspension-ropes, and a foot-rest consisting of two bars having a hole each at their upper ends at right angles to the axes of the bars through which the suspension-cords pass, and being joined together at their lower ends by a cross-bar.

Reference is to be had to the accompanying drawings, forming part of this specification, in which Figure 1 is a perspective view of my improved hammock-chair, shown approximately in the position it assumes when suspended from a suitable support without being occupied. Fig. 2 is a perspective view of same, showing the figure of a man reclining in said chair and the position the chair assumes when so occupied. Fig. 3 is a partly broken detail view showing the mode of attachment of the supporting-rope to the upper end of one of the bars constituting the foot-rest, and Fig. 4 is a detail view of the end of one of the foot-bars swiveled to the cross-bar.

In the accompanying drawings, *a a* represent two longitudinal stretching-bars, which are supported at both ends by ropes *b b*. The ropes *b b* preferably pass through holes in the bars *a a*. At one end of the bars *a a* is secured the hammock-body, preferably consisting of a piece of canvas, *A*. Below the bars *a a*, at their opposite or forward ends, the ropes *b b* pass through holes *c c* in the foot-bars *d d*, and at their ends said ropes are attached to the hammock-body *A*, as at *e*. If desired, the ropes *b b* may be carried under the canvas *A* to assist in supporting the same. The holes *c c* are drilled through the upper ends of the foot-bars *d d*, at right angles to the axes of said bars, or nearly so, or the ropes may be secured to said bars in any other equivalent

manner, so that the lower ends of the foot-bars *d d* will be raised by the bent part of the ropes when the pressure is brought to bear upon the points *e e*. At their lower ends the bars *d d* are joined to a cross-bar, *f*, preferably swiveled by means of links *g*, as shown.

The hammock-body need not extend farther down than the points *e e*; but it may be extended farther, as shown in Figs. 1 and 2, and attached to the cross-bar *f*.

This hammock-chair may be suspended from any suitable support by means of hooks or cords *h*, secured to the ropes *b b*, or by other suitable means.

When the chair is suspended and not occupied, the parts assume approximately the positions shown in Fig. 1—that is, the cross-bar *f* hangs down, thereby giving a bend to the rope *b*, where it passes through the hole *c* in bar *d*. (More clearly shown in Fig. 3.)

When a person enters the chair, the weight put upon the canvas *A* draws upon the lower ends of the ropes *b b* at *e e*, thereby straightening said ropes where the bend, before described, is situated, by this means raising the lower ends of the rods *d d* and the foot-bar *f* into the position shown in Fig. 2, and in dotted lines in Fig. 3, thus automatically putting the foot-rest in position for the occupant. This automatic raising of the foot-rest enables the occupant to easily place his feet on the same without searching for it below the hammock-body.

Having now described my invention, what I claim is—

1. In a hammock-chair, the hammock-body *A*, connected with the ends of the ropes *b b*, in combination with bars *d d*, that are carried at one end by the ropes *b b*, and cross-bar *f*, carried by the bars *d d*, the rope *b* passing through the bar *d*, substantially as herein shown and described, and for the purpose set forth.

2. The combination of the hammock-body *A* and of the bars *a a*, with the ropes *b b*, bars *d d*, carried at one end by the ropes *b b*, and cross-bar *f*, the ropes *b* being secured to the hammock and adapted to support the bars *a*, all arranged and operating as herein shown and described.

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Witnesses:

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