

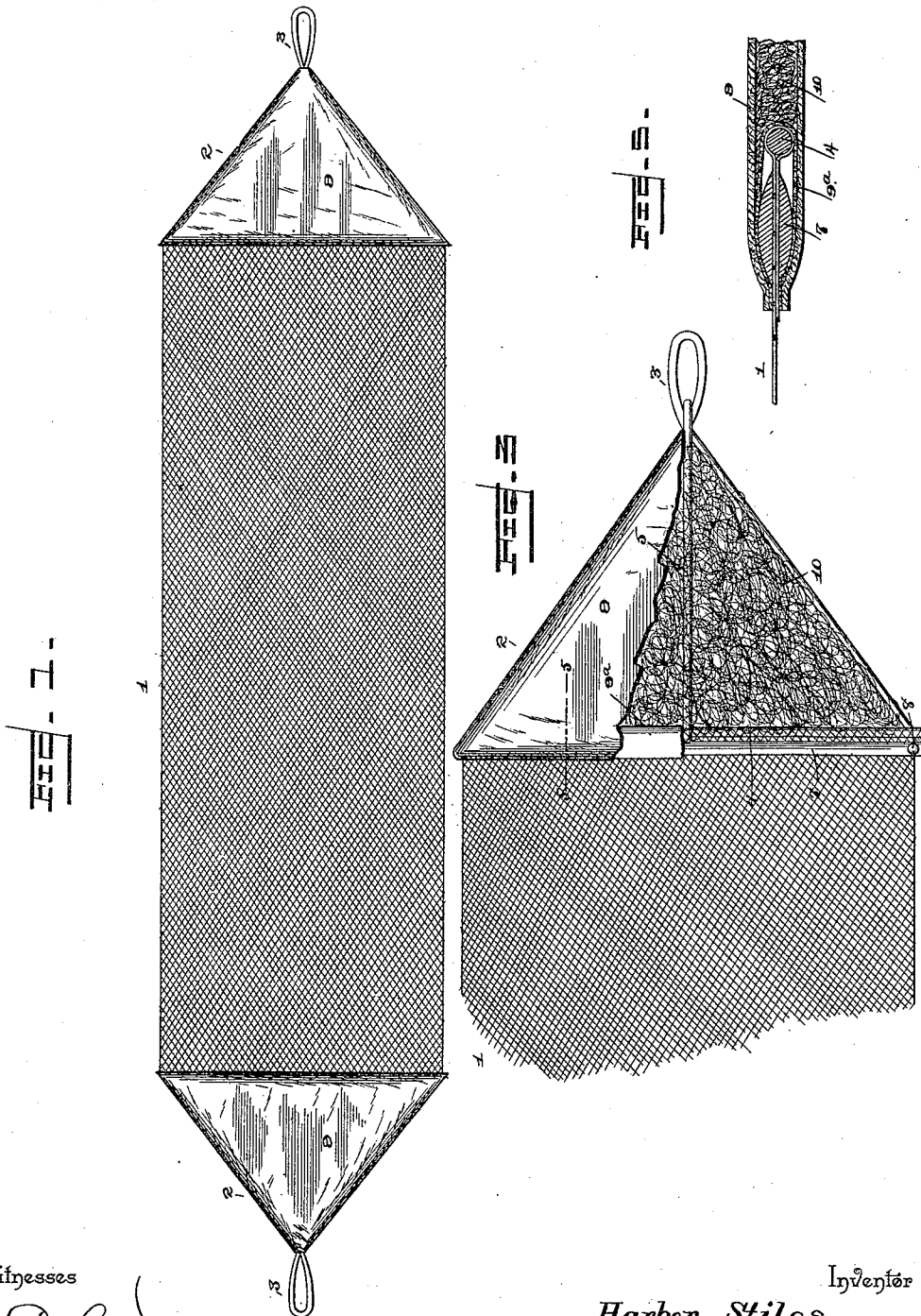
(No Model.)

2 Sheets—Sheet 1.

H. STILES.
WOVEN WIRE HAMMOCK.

No. 466,013.

Patented Dec. 29, 1891.



Witnesses

E. S. Durall Jr. By his Attorneys,
Wm. Ragner

Inventor

Harper Stiles.

C. A. Snow & Co.

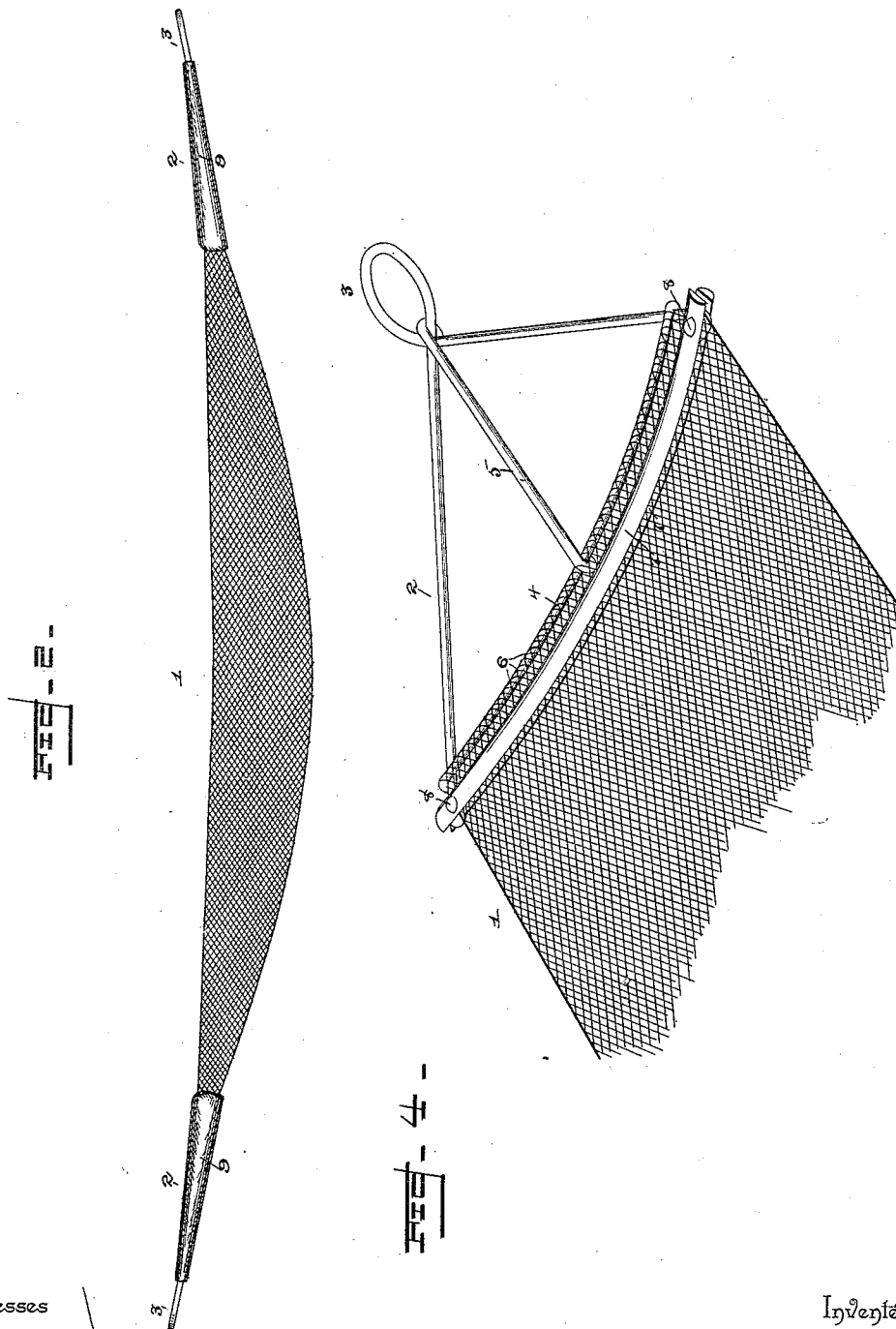
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UNITED STATES PATENT OFFICE.

HARPER STILES, OF HICKORY, NORTH CAROLINA.

WOVEN-WIRE HAMMOCK.

SPECIFICATION forming part of Letters Patent No. 466,013, dated December 29, 1891.

Application filed May 22, 1891. Serial No. 393,729. (No model.)

To all whom it may concern:

Be it known that I, HARPER STILES, a citizen of the United States, residing at Hickory, in the county of Catawba and State of North Carolina, have invented a new and useful Woven-Wire Hammock, of which the following is a specification.

This invention relates to hammocks; and it has for its object to provide a hammock which shall be simple in construction, durable, capable of sustaining great weight, and safe against deterioration from moisture and similar causes.

With these ends in view my invention consists in a hammock, the body of which is constructed of woven-wire fabric, substantially as will be hereinafter more fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, Figure 1 is a plan view of a hammock constructed in accordance with my invention. Fig. 2 is a side view of the same. Fig. 3 is a plan view, on a larger scale, of one end of the hammock with a portion of the covering broken away to show the construction more clearly. Fig. 4 is a perspective view of one of the end frames with a portion of the woven-wire fabric attached thereto. Fig. 5 is a detail sectional view taken on the line 5 5 in Fig. 3.

Like numerals of reference indicate like parts in all the figures.

The body of my improved hammock, which is designated by 1, is composed of that kind of woven-wire fabric which is commonly employed in the manufacture of spring mattresses.

2 2 designate triangular end frames, which are formed, preferably, of wire, and which are provided at their apices with loops 3, by means of which the hammock may be suspended. Said loops are connected with the bases 4 of the end frames by means of brace-rods 5. The ends of the woven-wire fabric are bent around the bases of the triangular end frames, as shown at 6, and clamped between the iron straps 7 7 of half-round iron, which are fitted adjacent to the bases of the end frames and connected by means of bolts 8. In this manner the woven-wire fabric is connected with the end frames in an exceedingly durable and permanent manner, and the wire end frames are greatly strengthened and re-enforced by

the half-round iron strips 7, which are arranged adjacent thereto.

The frames 2 and the strips 7, together with the ends of the woven-wire fabric, are provided with coverings 9 of textile material, which may be provided with suitable padding or stuffing 10, of hair or other suitable material, either end being thus adapted to form a soft and comfortable head-rest. A textile covering 9^a also protects the clamping-strips 7, the lower cross-bars or bases of the end frames 2, and the ends of the wire-netting passing between said clamping-strips and around the cross-bars or bases of the end frames.

The advantages of this invention will be readily understood from the foregoing description, taken in connection with the drawings hereto annexed.

My improved hammock is simple, inexpensive, and exceedingly elastic and comfortable. It is capable of sustaining a much greater weight than the hammock ordinarily constructed of fibrous netting, and owing to the material—galvanized wire—of which it is constructed it will not be injuriously affected by moisture. The wire end frames, in connection with the clamping-strips 7, serve to hold the woven-wire fabric in proper shape, and the braces 5 serve to assist in preventing the said end frames as well as the loops 3, by which the device may be suspended, from being pulled out of shape.

Having thus described my invention, what I claim is—

1. In a hammock, the combination of the metallic end frames having the converging sides terminating in a supporting-loop at their meeting-point and the base connecting the outer ends of said sides, the body portion of woven wire bent around said base, clamping-strips connected to the ends of said sides and clamping over said bent ends below said base, and the central brace-rod connecting said loop with the base of said frames, substantially as set forth.

2. In a hammock, the combination of the metallic open triangular end frames, the body portion of woven wire having its ends bent around the bases of the end frame, the clamping-strips clamping over said bent ends below said bases, the connecting-bolts, the sus-

pending-loops at the apices of the end frame, the central brace-rods connecting said loops with the bases of said frames, the textile covering inclosing said triangular frame and
5 clamping-strips, and the filling or padding, substantially as and for the purpose herein set forth.

3. In a hammock, the combination of the metallic open triangular end frames, the body
10 portion of woven wire having its ends bent around the bases of the end frames, the clamping-strips, the connecting-bolts, the textile covering 9^a for the bases of the end frames, the clamping-strips and the ends of the woven-

wire fabric, and the textile covering 9 and 15 padding 10 for the ends of the hammock, said covering 9 being designed to entirely inclose said open triangular end frames, all constructed and arranged substantially as and for the purpose set forth. 20

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

HARPER STILES.

Witnesses:

H. B. STEVENS,
J. L. CATHEY.