I. E. PALMER.

BABY HAMMOCK.

APPLICATION FILED NOV. 20, 1907.

962,092. Patented June 21, 1910.

Fig. 1.

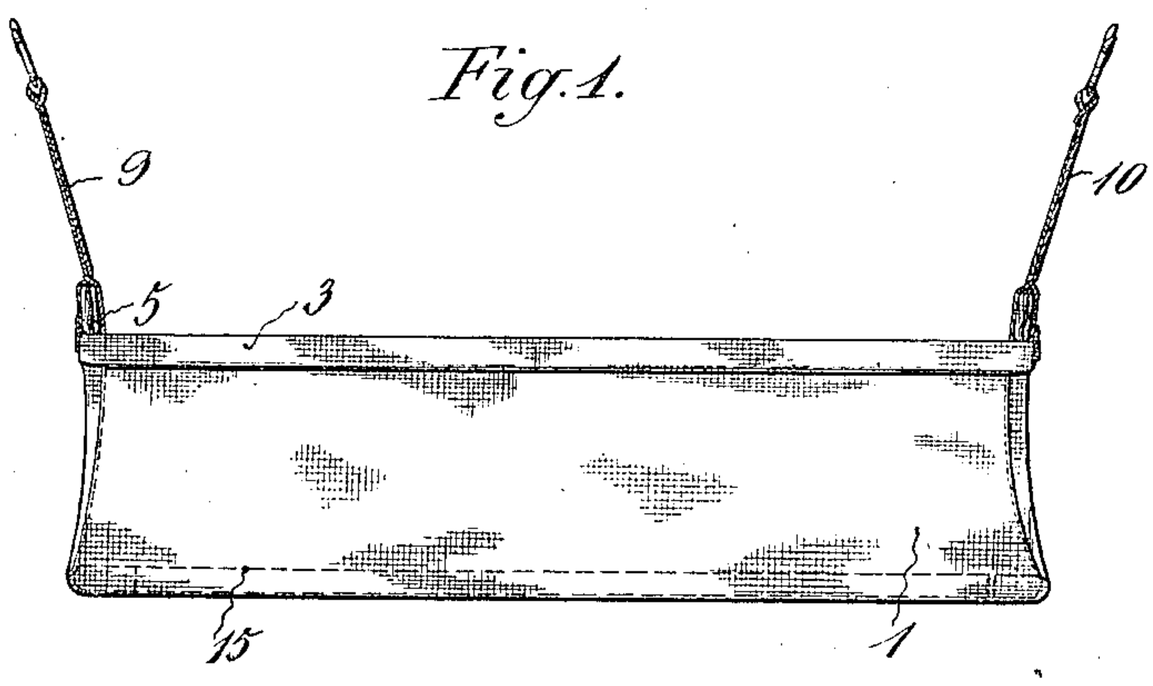

Fig. 2.

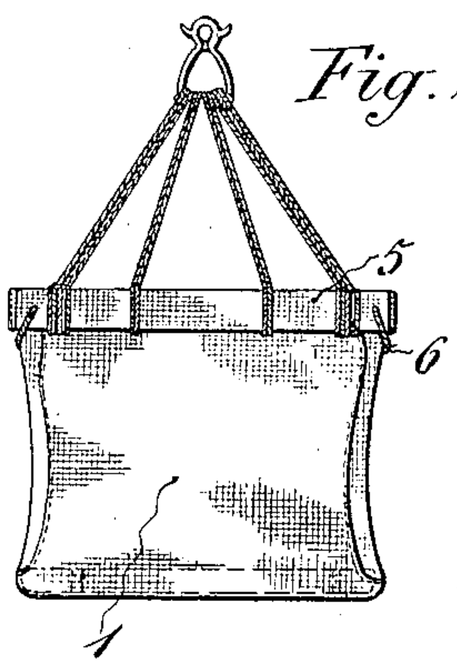

Fig. 3.

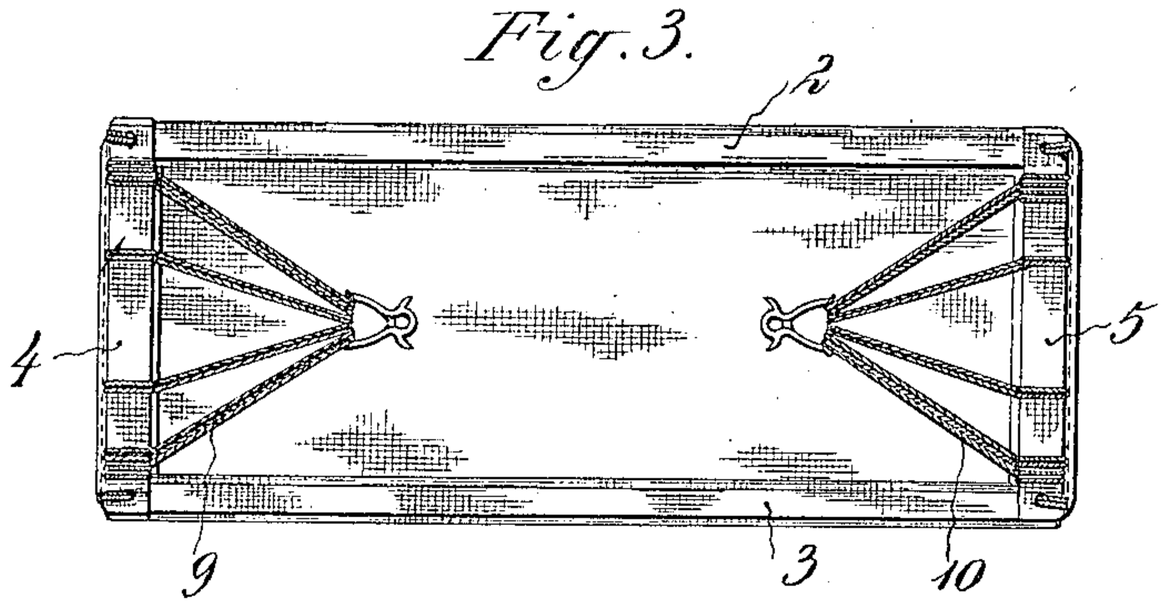

Fig. 8.

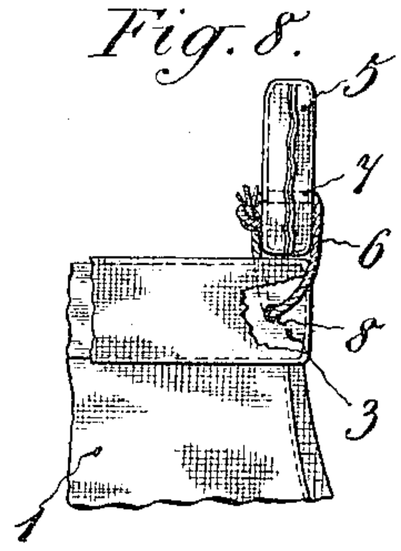

Fig. 4.

Fig. 9.

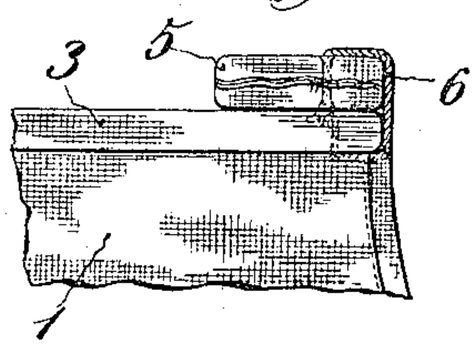

Fig. 5.

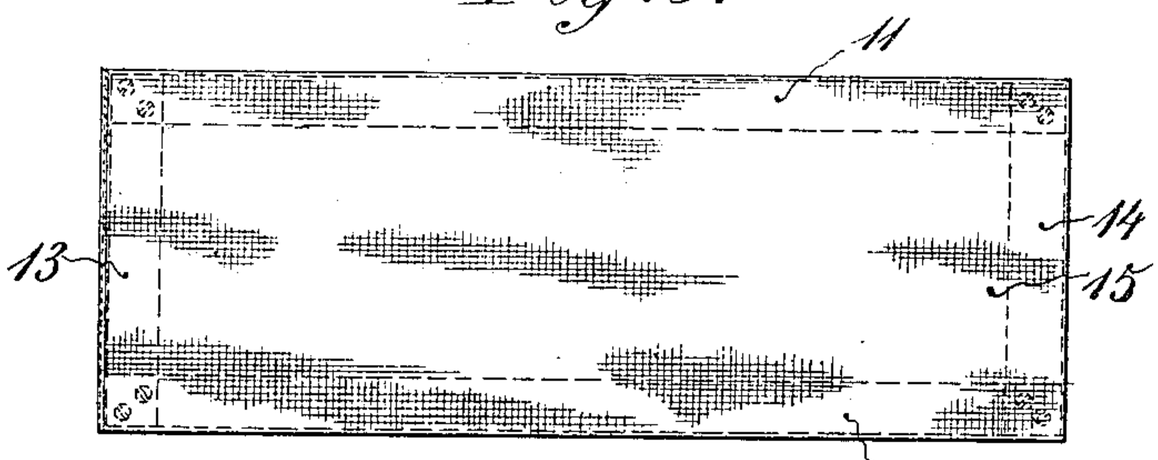

Fig. 10.

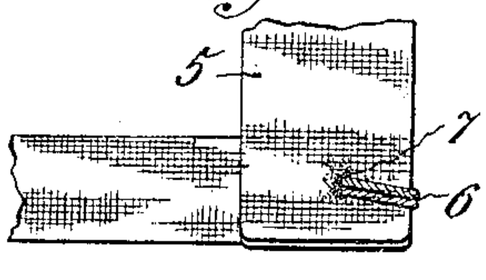

Fig. 6.

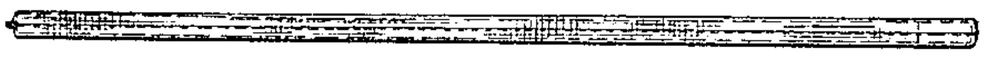

Fig. 7.

Witnesses.
M. Gruber
Henry Thieme.

Inventor.
Isaac E. Palmer
By Brown & Seward
his Attorneys

UNITED STATES PATENT OFFICE.

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

BABY-HAMMOCK.

962,092. Specification of Letters Patent. **Patented June 21, 1910.**

Application filed November 20, 1907. Serial No. 402,953.

To all whom it may concern:

Be it known that I, ISAAC E. PALMER, a citizen of the United States, and resident of Middletown, in the county of Middlesex and State of Connecticut have invented a new and useful Improvement in Baby-Hammocks, of which the following is a specification.

My invention relates to baby hammocks with the object in view of providing a simple folding frame for the margin of the hammock and a removable supporting frame for the bottom of the hammock for holding the latter distended.

A practical embodiment of my invention is represented in the accompanying drawings in which—

Figure 1 is a view of the hammock in side elevation as it appears in use, Fig. 2 is an end view of the same, Fig. 3 is a top plan view showing the hammock folded as for shipment, Fig. 4 is an edge view of the same, Fig. 5 is a plan view of the bottom frame, Fig. 6 is an edge view of the same, Fig. 7 is a transverse section through the same, Fig. 8 is an enlarged view in detail of one corner of the hammock, showing the connection of the side rail with the end rail, the parts occupying the position which they assume when the hammock is in use, Fig. 9 is a similar view showing the parts in the position which they assume when the end frames are folded down on to the side frames, and Fig. 10 is a top plan view of the same.

The body of the hammock is denoted by 1 and is here shown as oblong in shape and having a depth equal to about one quarter of its length although the dimensions may be changed as conditions may require. The hammock body itself may be made of some soft knitted fabric, the bottom, side and end walls being connected to inclose a space open only at the top.

The top rim of the body is provided with side rails 2 and 3 extending the length of the hammock and with end rails or pieces 4 and 5 extending transversely across the top of the body, the said side and end rails serving when connected, to hold the top of the body distended. The side and end rails may be covered by the material which forms the body of the hammock 1, and the end rails are so connected with the side rails that they may be folded down on to the side rails and the side rails themselves folded at the same time into a flatwise position. The connection which permits of this folding of the rails consists of a cord 6, see Figs. 8, 9, 10, which is passed one or more times through a hole 7 extending transversely through the end rail 4 or 5 and a hole 8 extending transversely through a side rail 2 or 3, the holes 7 and 8 occupying a position substantially at right angles to one another when the parts are in position for use as shown in Fig. 8 and in a position substantially parallel to one another when the parts are folded as shown in Figs. 9 and 10. The cord 6 in passing from one of these holes 7 and 8 to the other, extends diagonally across the corner and has a tendency when weight is placed in the hammock, to throw the side rails into an edgewise upright position and at the same time the end rails are thrown into an edgewise upright position by the weight on the hammock and the suspension cords 9 and 10.

The bottom of the hammock consists of a rectangular frame composed of side pieces 11 and 12 and end pieces 13 and 14 rigidly connected to the side rails and is made the size to which it is intended the bottom of the hammock shall assume when in use, the said frame being slipped into and completely enveloped by a bag 15, the said bag being formed of any suitable fabric, for instance, the soft knitted fabric of which the hammock body is composed or some suitable stronger fabric as may be desired. This bottom frame enveloped by the bag 15, when placed in the bottom of the hammock body 1, not only serves to hold the bottom distended so that it will not collapse upon the child but also forms a yielding support for a blanket or thin mattress or whatever may be used to lay the child on, although the bottom may be used with its bag covering without any additional layer of material between it and the child.

The structure is a simple and inexpensive one and admits of folding the whole hammock into a very convenient thin package for shipment.

What I claim is:

1. The combination with the body of a hammock, of side rails at the top of the body, end rails superimposed thereon, suspension cords attached to said end rails, said end rails being connected with the side rails

by means of a flexible connection, whereby the rails will assume a position edgewise toward one another when in use and may assume a position flatwise toward one another when not in use.

2. The combination with a hammock body composed of woven material having pockets formed at the upper edges of its sides and ends, of a distending frame composed of side and end rails individually inclosed within the said pockets, the end rails being superimposed upon the side rails, suspension cords attached to the said end rails, the side rails being connected with the end rails by means of a flexible connection, whereby the rails will assume a position edgewise toward one another when in use and may assume a position flatwise toward one another when not in use.

3. The combination with a hammock body composed of woven material having pockets formed at the upper edges of its sides and ends, of a distending frame composed of side and end rails individually inclosed within the said pockets, the end rails being superimposed upon the side rails, suspension cords attached to the said end rails, a distending bottom frame, the side rails being connected with the end rails by means of a flexible connection, whereby the rails will assume a position edgewise toward one another when in use and may assume a position flatwise toward one another when not in use.

In testimony, that I claim the foregoing as my invention, I have signed my name in presence of two witnesses, this 12th day of November A. D. 1907.

ISAAC E. PALMER.

Witnesses:
CHAS. M. SAUER,
PAUL S. CARRIER.