(No Model.)

B. B. ROACH.

SWINGING BED FOR INFANTS.

No. 482,275. Patented Sept. 6, 1892.

Fig. 1

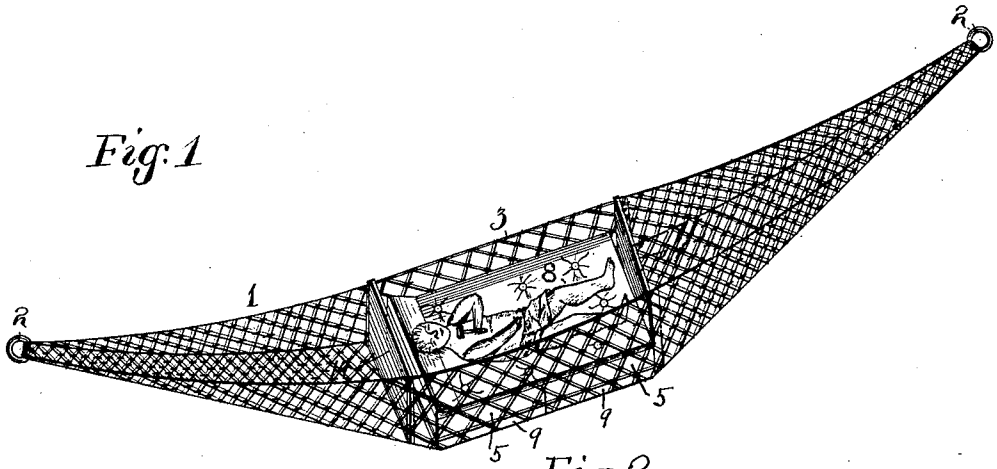


Fig. 2

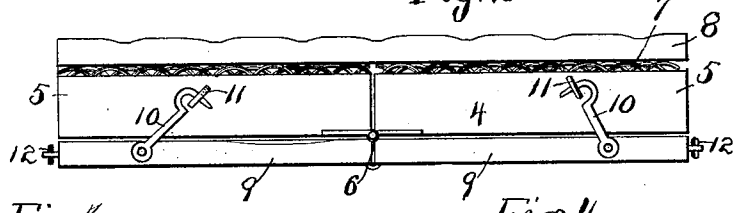


Fig. 3

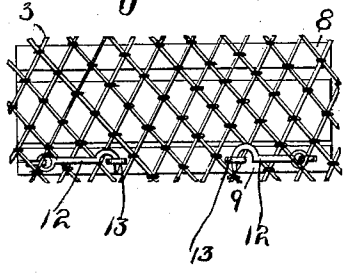


Fig. 4

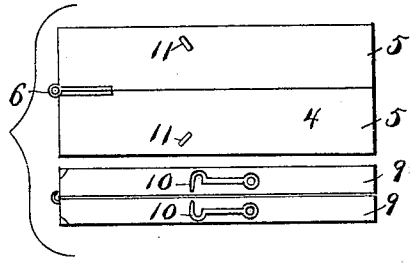
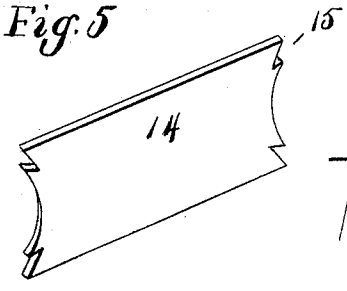
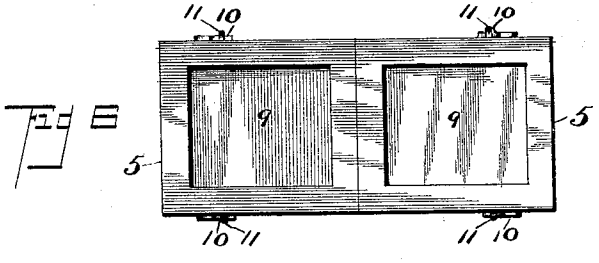


Fig. 5





Witnesses
A. A. Eicks
Emil L. Longan

Inventor
Bertha B. Roach
By her Attorneys Higdon & Higdon

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

BERTHA B. ROACH, OF UPPER ALTON, ILLINOIS.

SWINGING BED FOR INFANTS.

SPECIFICATION forming part of Letters Patent No. 482,275, dated September 6, 1892.

Application filed December 8, 1891. Serial No. 414,377. (No model.)

To all whom it may concern:

Be it known that I, BERTHA B. ROACH, of the city of Upper Alton, Madison county, State of Illinois, have invented certain new and useful Improvements in Swinging Beds for Infants, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to improvements in swinging beds for infants; and it consists in the novel arrangement and combination of parts, as will be more fully hereinafter described, and designated in the claim.

In the drawings, Figure 1 is a perspective view of my complete invention as used. Fig. 2 is a side elevation of the bed detached. Fig. 3 is an end view of the bed in position in the hammock, showing the manner of securing the same to the reticulated portion of the hammock, the head-board being removed. Fig. 4 is a side elevation of the bed, or, more properly, the frame of the same, in a folded position; and Fig. 5 is a perspective view of one of the end pieces which I employ in carrying out my invention. Fig. 6 is a plan view of the bed in open position, the fabric being removed.

The object of my invention is to provide a folding swinging bed for infants which can be conveniently folded very compact in order to be shipped or carried, and yet when opened or desired to be used will afford all the necessary requirements.

Referring to the drawings, 1 represents my complete bed, which is made in the form of a hammock—that is to say, of flexible material and having rings 2 attached to the ends thereof, by means of which the same can be hung to a wall or elsewhere, as desired. The mid portion of the bed 1, or, more properly, the hammock, is constructed of reticulated material 3, and the ends leading from the same or forming a part thereof may be formed of canvas, reticulated material, or any other material.

To a hammock constructed as above described the detachable folding bed, as hereinafter fully described, can easily be placed within the said hammock, and also attached thereto in order to prevent said bed from falling out of the hammock.

4 represents the folding bed, which is composed of two rectangular frames 5, which are hinged together at one end by means of a hinge or hinges 6. To the upper surface of each frame is secured the ordinary wire-netting 7, which gives the proper elasticity to the bed and makes the same more comfortable when a mattress is placed thereon.

8 represents a flexible mattress, which is placed upon the wire-netting 7 when the bed is open, as shown in Fig. 2 of the drawings. When the bed is open, as shown in said Fig. 2, the opposing ends of the frames 5 bear against one another when weight is placed upon the bed, thus serving to prevent said frames from collapsing.

To provide a flat bottom surface for the flexible hammock material to contact with, two flat pieces 9, corresponding in size to the frames 5, are employed, said pieces being hinged together at their opposing ends. In practice these pieces are placed in open position in the hammock and the frames 5 placed thereon in position for use.

To connect the frames 5 and pieces 9 together, the latter are provided with hooks 10 at their side edges, which are adapted to engage eyes 11, carried by the frames 5. To secure the whole within the hammock, the pieces 9 are further provided with hooks 12 at its ends and the ends of frames 5 with eyes 13 for receiving the same. The ends of the pieces 9 are also provided with hooks 12, and also with eyes 13, which receive the hooked ends of the said hooks 12. By this construction the hooks 12 can be passed through the meshes of the reticulated material 3, and after being so passed through the said material the hooked ends of the said hooks are passed into the eyes 13, thereby holding the bed and firmly locking it to the hammock. (See Fig. 3.)

A bed constructed as above described would not be provided with both a foot and head board, and in order to provide the same with such I employ two boards 14, as shown in Fig. 5 of the drawings, and situated in the

hammock, as shown in Fig. 1. The office of these boards is to retain the portion of the flexible hammock material located above the bed in upright position, thus forming sides, which serve to prevent the infant from rolling from the hammock. Said boards 14 are each provided with V-shaped depressions 15 at their corners, which depressions receive the meshes of the reticulated material 3 when the said boards are placed in a hammock, as shown in Fig. 1, thereby holding said boards in their proper position in relation to the bed and free from movement, unless the same are desired to be moved from the hammock.

The bed constructed as above described when not desired to be used is folded as shown in Fig. 4 of the drawings, and the hammock and bed, being of flexible material, can also be folded and placed within the folded sections 5 and the latter, with the pieces 9 and 14, carried in a hand-satchel or other valise with but very little inconvenience.

Having fully described my invention, what I claim is—

As an improvement in swinging beds for infants, the combination, with a flexible hammock and a bed disposed therein, of head and foot boards 14, of greater height than said bed and adapted, when applied, to retain the sides of the hammock in vertical position above the bed, whereby guards for the latter are formed, substantially as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

BERTHA B. ROACH.

Witnesses:
C. F. KELLER,
ALFRED A. EICKS.