E. B. NICHOLLS.

CANOPY.

APPLICATION FILED OCT. 15, 1913.

1,143,774. Patented June 22, 1915.

FIG. 1.

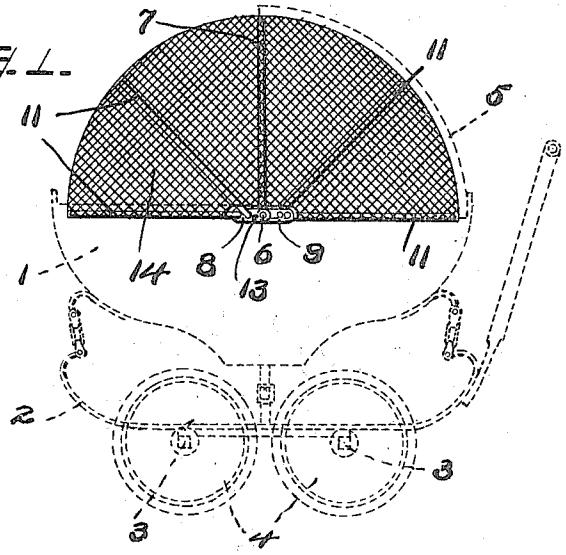


FIG. 2.

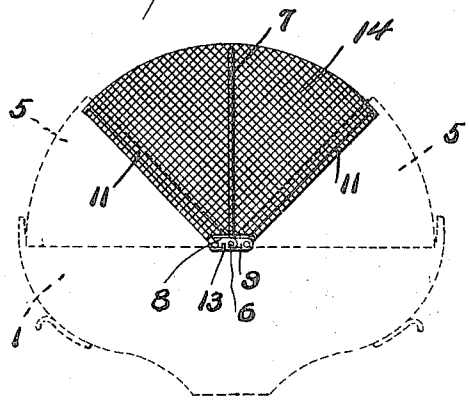


FIG. 5.

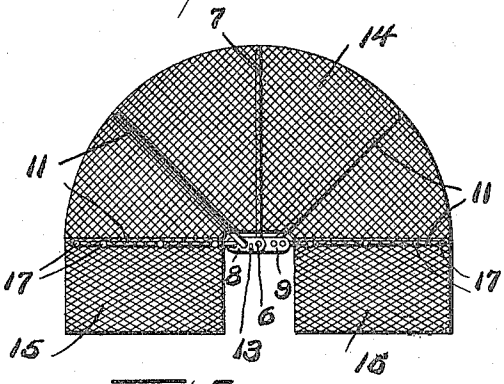


FIG. 3.

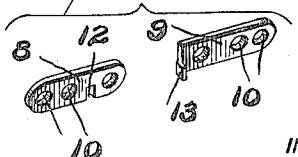
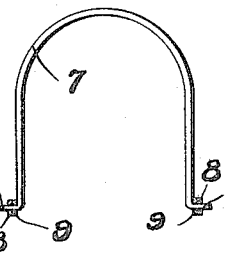


FIG. 4.



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CANOPY.

1,143,774. Specification of Letters Patent. Patented June 22, 1915.

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To all whom it may concern:

Be it known that I, EMMA BERTA NICHOLLS, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Canopies, of which the following is a specification.

My invention relates to improvements in canopies, and more particularly to an improved canopy or screen for baby carriages, the object of the invention being to provide an improved device of this character which is adapted to be attached to a baby carriage to protect the child against mosquitos, flies, and other insects.

A further object is to provide a canopy which can readily be folded and when not in use will lie under the hood of the carriage, where it will be out of sight.

With these and other objects in view, the invention consists in certain novel features of construction and combinations and arrangements of parts as will be more fully hereinafter described and pointed out in the claim.

In the accompanying drawings: Figure 1 is a view in side elevation showing my improvements in connection with a baby carriage, the latter being shown in dotted lines. Fig. 2 is a view similar to Fig. 1 illustrating a modification. Fig. 3 is a view in side elevation of another modification, the carriage being omitted. Fig. 4 is a view in cross section, and Fig. 5 is a perspective view showing the two leaves of the hinge.

1 represents the body of a baby carriage, supported on the springs 2, the latter secured to axles 3, which are mounted in wheels 4. A hood 5 is secured on the body 1 and is pivoted on pins 6 which are integral with a rod 7. The pins 6 also act as hinge pins for the hinge leaves 8 and 9, and these leaves have openings 10 to receive the ends of rods 11. These rods 11 are preferably inverted U-shape and form the framework of my improved canopy. A short distance from each end, each rod is bent at right angles and each bent end passes through one of the openings 10, so that the rods are secured to the hinge. The rods that are secured to the leaves 8 are at the outer faces of the leaves and the rods which are secured to leaves 9 are at the inner faces of the leaves, so that the rods do not interfere with the working of the hinge. Each leaf 8 is provided with a recess 12 and each leaf 9 has a tongue 13 which is adapted to engage in the recess 12 and limit the opening movement of the canopy. A netting 14 of fine mesh is secured over the rods 7 and 11 and when the canopy is open, this netting will prevent mosquitos, flies, and other insects from annoying the baby in the carriage. In addition to the rod 7, I preferably employ four of the rods 11, so that the canopy is made up of four sections as clearly seen in Fig. 1. By using the pins 6 for the pivots of the hood as well as for the hinge pin, the hood is made concentric with the canopy and the movement of one will not interfere with the other. When the canopy is not in use, the hinge can be swung over, and as the rods 11 are pivoted in the hinge leaves, the sections can be folded up like a fan and the canopy will be concealed under the hood.

In Fig. 2, I have illustrated a slight modification in which the canopy is used on a perambulator having two hoods instead of one. Consequently only two sections of canopy are needed, instead of four as clearly shown. The construction is exactly the same however, as that set forth in Fig. 1, and I have used the same reference numerals to indicate corresponding parts.

In Fig. 3, I illustrate a further modification showing my improved canopy adapted for use in connection with a gocart. As is well known, the longitudinal outline of a gocart is irregular and to overcome this, and not allow any insects to get in the carriage, two pieces of netting 15 and 16 are secured to the two lower rods 11 by pins 17. These pieces of netting are tucked in under the bed clothing in the gocart and will effectively exclude the insects.

Various other slight changes might be made in the general form and arrangement of parts described without departing from my invention, and hence I do not limit myself to the precise details set forth, but consider myself at liberty to make such changes and alterations as fairly fall within the spirit and scope of the appended claim.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

A canopy, comprising two pairs of hinged members, a plurality of netting covered wire frames all pivotally secured to the pairs of members, one of said frames having out-

wardly bent ends constituting hinge pins for the members, the frames pivoted to the outer members being arranged on the outer faces thereof and those pivoted to the inner members being arranged on the inner faces thereof, whereby the device may be compactly folded, and coöperating means on said members for holding the same against pivotal movement and in alinement when the device is extended for use, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

EMMA BERTA NICHOLLS.

Witnesses:

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O. LOUIS EHMANN, Jr.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."