

I. E. LEES.
CARRIAGE CANOPY.
APPLICATION FILED APR. 18, 1914.

1,126,236.

Patented Jan. 26, 1915.

2 SHEETS-SHEET 1.

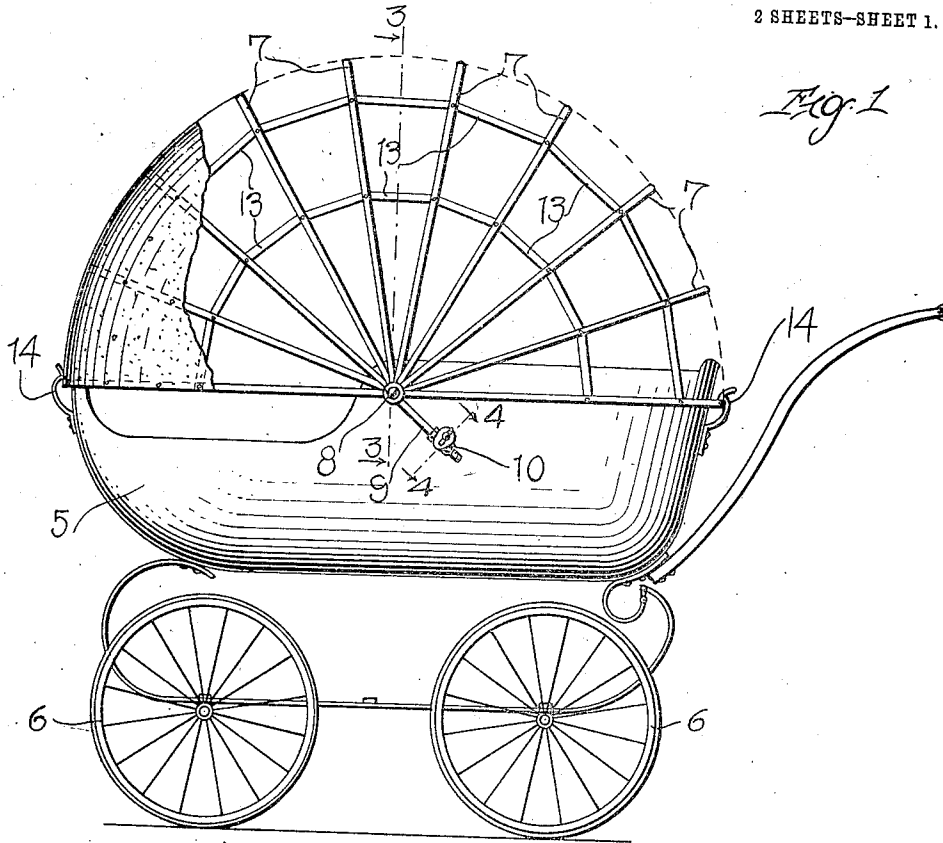


Fig. 1

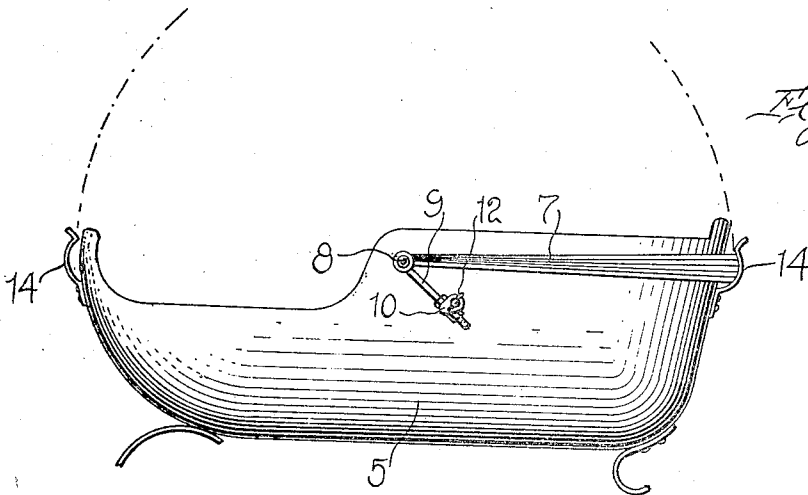


Fig. 2

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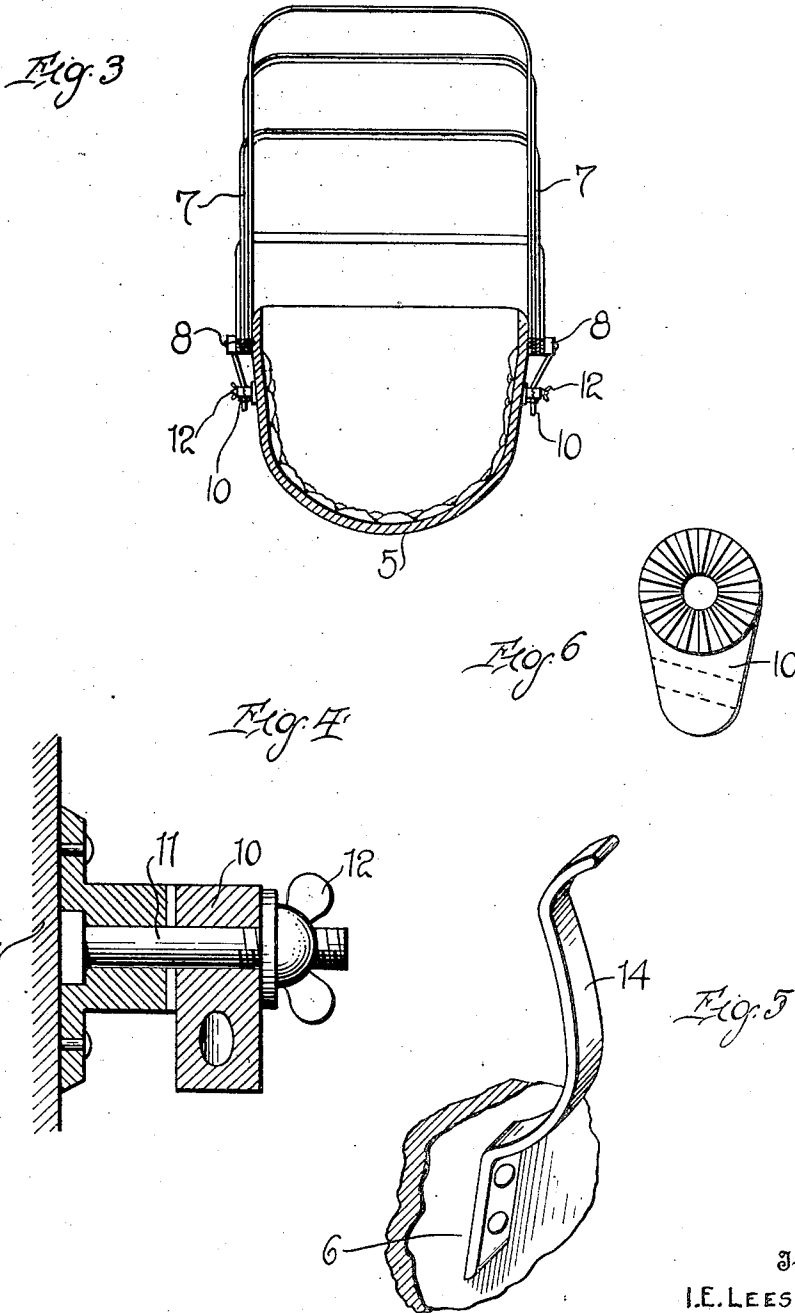
By *Watson & Coleman*
Attorney

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CARRIAGE-CANOPY.

1,126,236.

Specification of Letters Patent.

Patented Jan. 26, 1915.

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To all whom it may concern:

Be it known that I, IVIE E. LEES, a citizen of the United States, residing at Brookings, in the county of Brookings and State of South Dakota, have invented certain new and useful Improvements in Carriage-Canopies, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to an improved canopy for baby carriages and has for its primary object to produce a device of this character which may be easily and quickly applied to or removed from the body of the several types of such vehicles now known in the art.

The invention has for a more particular object to provide a frame which includes a plurality of bows having their ends mounted upon common hinge pivots arranged upon opposite sides of the body of the carriage or perambulator, and improved means for securely clamping the canopy when in its open position upon the body of the carriage.

The invention has for a further object to provide a canopy frame construction which affords a support for a netting to protect the infant from annoyance by insects, and to also obviate all possibility of the child accidentally or otherwise falling from the carriage.

The invention has for still another object to produce a device of the above character which is extremely simple in its construction, highly convenient and serviceable in practical use and may be manufactured and sold at small cost.

With the above and other objects in view as will become apparent as the description proceeds, the invention consists in certain constructions, combinations and arrangement of the parts that I shall hereinafter fully describe and claim.

For a full understanding of the invention, reference is to be had to the following description and accompanying drawings, in which—

Figure 1 is a side elevation of a carriage or perambulator having my invention applied thereto; Fig. 2 is a similar view, the canopy being shown in its folded or collapsed position; Fig. 3 is a section taken on the line 3—3 of Fig. 1; Fig. 4 is an enlarged section taken on the line 4—4 of Fig. 1; Fig. 5 is an enlarged detail view of one of

the clamping devices for the canopy bows; Fig. 6 is a detail elevation of one of the parts.

Referring in detail to the drawings, 5 60 designates the body of the baby carriage or perambulator which is mounted upon the usual supporting wheels 6 in any approved manner.

My improved canopy includes a series of bows 7 which are preferably constructed of wire or steel rods and are of an inverted U shaped form, the intermediate portions of said bows extending across the entire width of the carriage body above the same, while the parallel arms thereof have their extremities mounted upon the hinge pivots 8, the corresponding ends of said bows being mounted upon a common pivot. These pivots 8 are arranged upon the ends of short rods 9. These rods are adjustably disposed in rotatable guide members 10 arranged upon opposite sides of the body 5, said guide members being mounted upon threaded bolts 11 upon the ends of which, the wing nuts 12 are engaged.

The rods 9 are slidably mounted in openings 10' formed in the guide members 10 and are securely held in their adjusted positions by means of nuts 9' threaded upon said rods and adapted for clamping engagement against opposite sides of the guide members. The bolts 11 are mounted at one of their ends in suitable castings or supports which are secured to opposite sides of the carriage body, as clearly shown in the drawings.

The corresponding arms of the bows 7 upon opposite sides of the carriage body are connected by the flexible webs 13, said webs serving to sustain the frame bows in their opened or spaced positions. To opposite ends of the carriage body at each side thereof, suitable clamping plates 14 are secured, and when the bows 7 are folded in either direction upon each other, the side arms thereof are engaged in the clamping devices at the corresponding end of the carriage body so as to hold the canopy frame in its collapsed position. If desired, it will be obvious that the bows upon one side of the central frame bow may be dispensed with and this central bow secured to the forward edge of the usual carriage top, the remaining bows extending in front of the carriage top and the lowermost bow held by the clamping plates 14. After the bows

7 have been mounted upon the carriage body as above explained, the bows may be covered by mosquito netting or other similar material. This material may be bound at its edges with cloth of substantial thickness and provided with button holes for engagement with studs or buttons on the body of the vehicle if desired. When this netting has been applied to the canopy frame, the child is protected against annoyance by mosquitoes or other insects. The hinge pivots 8 may be readily adjusted by simply loosening the wing nuts 12 and turning the guide members 10 in which the rods 9 are mounted. These rods can also be moved through the guide members to adjust the pivots 8 in a vertical plane. Thus, I am enabled to easily, and quickly apply my improved canopy to the various types of perambulators now in general use.

From the foregoing description taken in connection with the accompanying drawings, the construction, manner of application and several advantages of my invention will be clearly and fully understood. The device owing to its extremely simple form, can be produced at very small manufacturing cost and provides a cheap, serviceable and complete protection for the baby. It will of course be obvious that in the construction of my improved canopy any desired number of the bows 7 may be employed and the same may be of other than U shaped form. The invention is also susceptible of considerable modification therein and I therefore reserve the privilege of resorting to all such legitimate changes as may be fairly embodied within the spirit and scope of the invention, as claimed.

Having thus described the invention, what is claimed is:

1. A canopy of the character described including a plurality of bows having a net arranged thereon, fixed supports, bolts secured in said supports, guide members rotatably mounted upon said bolts, rods slidably mounted in said guide members, the ends of the canopy bows being pivotally mounted upon the respective rods, means for clamping the guide members against rotative movement with respect to said supports, and means longitudinally adjustable upon said rods for clamping engagement with the guide members to secure the rods in their adjusted positions therein.

2. A canopy of the character described including a plurality of bows having a net secured thereon, supports, bolts secured in said supports, guide members rotatable upon said bolts, rods longitudinally slidable in said guide members, the corresponding ends of said bows being pivotally mounted upon the respective rods, clamping nuts threaded upon said bolts to force said guide members into clamping engagement with the supports and hold said members against rotative movement, and nuts threaded upon said rods for clamping engagement against opposite sides of the respective guide members to secure the rods in their adjusted positions with respect to said guide members.

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

IVIE E. LEES.

Witnesses:

BYRON B. BRACKETT,
PEARL E. TYSON.