(No Model.)

W. LANE & A. DONEY.

BABY WALKER.

No. 368,477. Patented Aug. 16, 1887.

Fig. 1.

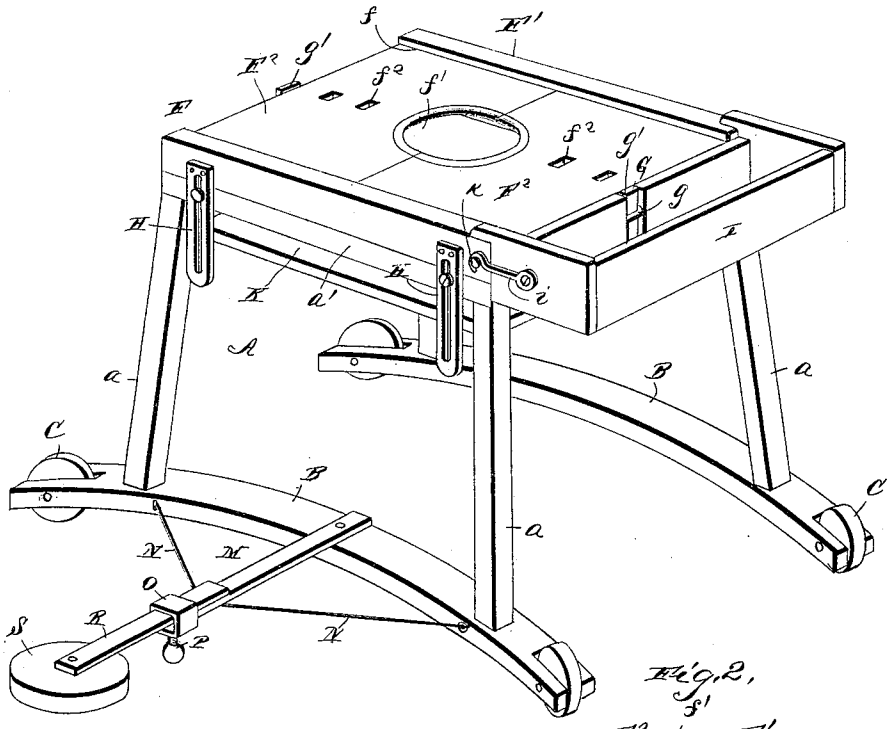


Fig. 2.

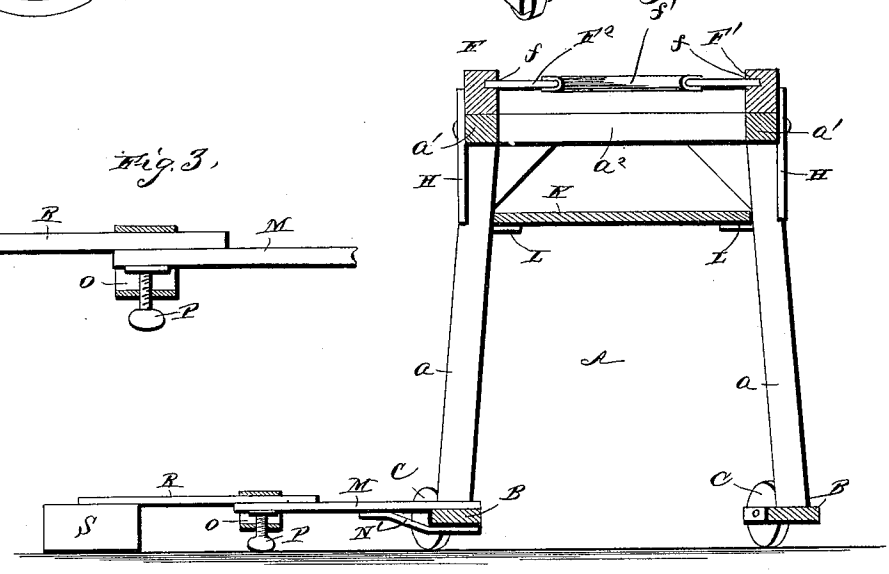


Fig. 3.

Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM LANE AND ALFRED DONEY, OF PEN ARGYL, PENNSYLVANIA.

BABY-WALKER.

SPECIFICATION forming part of Letters Patent No. 368,477, dated August 16, 1887.

Application filed June 21, 1887. Serial No. 242,039. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM LANE and ALFRED DONEY, citizens of the United States, residing at Pen Argyl, in the county of Northampton and State of Pennsylvania, have invented a new and useful Improvement in Baby-Walkers, of which the following is a specification.

Our invention relates to an improvement in baby-walkers; and it consists in the peculiar construction and combination of devices, that will be more fully set forth hereinafter, and particularly pointed out in the claims.

The object of our invention is to provide a baby-walker which is adapted to travel in a circle.

In the drawings, Figure 1 is a perspective view of a baby-walker embodying our improvements. Fig. 2 is a vertical sectional view of the same. Fig. 3 is a detail view.

A represents a frame of the chair, which comprises the inclined uprights or legs *a*, the horizontal longitudinal bars *a'*, and the transverse bars a^2, all of which are rigidly connected together. To the lower ends of the uprights or legs are secured a pair of concentric segmental runners, B, and to the ends of the said runners are secured supporting-rollers C. If preferred, casters may be substituted for the rollers.

F represents the support, which is arranged on the upper end of the chair-frame. The said support comprises a frame, F', which is preferably rectangular in shape, and is provided on its inner opposing edges with parallel grooves *f*. In the said grooves are fitted sliding sections F^2, which are detachably fitted in place, and can be readily separated to permit the removal of the child from the chair and to place it therein. The inner meeting edges of the said sliding sections are provided with semicircular openings *f'*, which, when the edges of the sections come together, form a circular opening of sufficient size to fit the child's body. These sections are secured against endwise movement after the child is secured to the supporting-frame by locking devices G, which comprise fixed keepers *g*, secured to the frame of the support, and removable pins or latches *g'*, which are fitted in the keepers, and are adapted to bear upon the outer edges of the slides F^2, or to enter either of longitudinal series of openings f^2, made in the slides and adapted to successively register with the keepers *g* as the slides are drawn out. By this construction the slides may be secured at any desired distance apart. The support is provided at its sides with vertical depending bars H, which are provided with vertical slots, as shown. Binding-screws pass through the said slots and enter the upper side of the chair-frame, and thereby secure the supporting-frame above the chair-frame and permit the latter to be adjusted vertically, as will be readily understood.

I represents a tray, which is detachably connected to one end of the support F by means of pivoted hooks *i*, with which the said tray is provided, and stops *k*, which project from the sides of the frame F, and are adapted to be engaged by the hooks. The inner wall of the tray adjacent to the end of the support is provided with a vertical notch or recess, into which one of the keepers and the movable pins of the support fit, and thereby prevent endwise movement of the tray, as will be very readily understood.

K represents a removable platform, which is arranged at a suitable distance below the upper end of the chair-frame, and is adapted to permit the child to sit thereon without cramping his limbs. This platform rests upon fixed stops L, which are secured to the inclined standards or legs of the chair-frame, as shown.

M represents an arm, which is secured to one of the runners B and projects therefrom at right angles. The said arm is secured in position by means of brace-wires N, which connect it to eyebolts secured near the ends of the inner curved runner, and at the outer end of the said arms is a rectangular keeper, O, which is provided with a clamping-screw, P.

R represents an extension-arm, which has one end fitted in the keeper O, and is adapted to slide longitudinally in or out upon the upper side of the arm N, so as to lengthen or shorten the said arm, as may be desired, according to the radius of the circle it is desired for the chair to describe. To the outer end of the extension R is pivoted a circular weight, S, which is adapted to rest on the floor or ground and forms the center of the circle described by

the chair when the child walks and propels the same. By thus adapting the baby-walker to proceed in a curved line it may be used in a very small room and in a contracted space.

The chair may be upholstered, if necessary or desirable.

If preferred, the brace-wires N may be dispensed with and a brace-plate, N′, bolted to the under side of the inner runner and to the under side of the arm M, to receive the latter firmly in place. (See Fig. 3.)

Having thus described our invention, we claim—

1. In a baby-walker, the combination of the chair or frame supported on rollers, and the arm projecting from one side of the same and adapted to be pivoted to a fixed point, and thereby direct the baby-walker in a curved line, substantially as described.

2. In a baby-walker, the combination of a chair or frame provided with the supporting-rollers, and the extensible arm projecting from one side thereof and adapted to be pivoted to a fixed point, and thereby direct the baby-walker in circles of any desired radius, substantially as described.

3. The combination, in a baby-walker, of the chair or frame provided with the supporting-rollers, and having the arm projecting from one side thereof, and the weight pivoted to the outer side of the said arm and adapted to form the center of the circle described by the baby-walker, substantially as described.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in presence of two witnesses.

WILLIAM LANE.
ALFRED DONEY.

Witnesses:
JOHN C. KELLOW,
SAMUEL KEAT.