

F. C. WIREMAN.

Cradle.

No. 163,288.

Patented May 11, 1875.

Fig. 1.

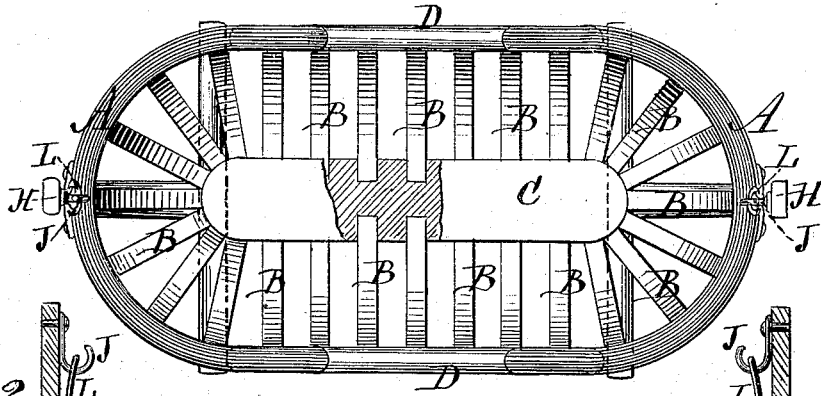


Fig. 2.

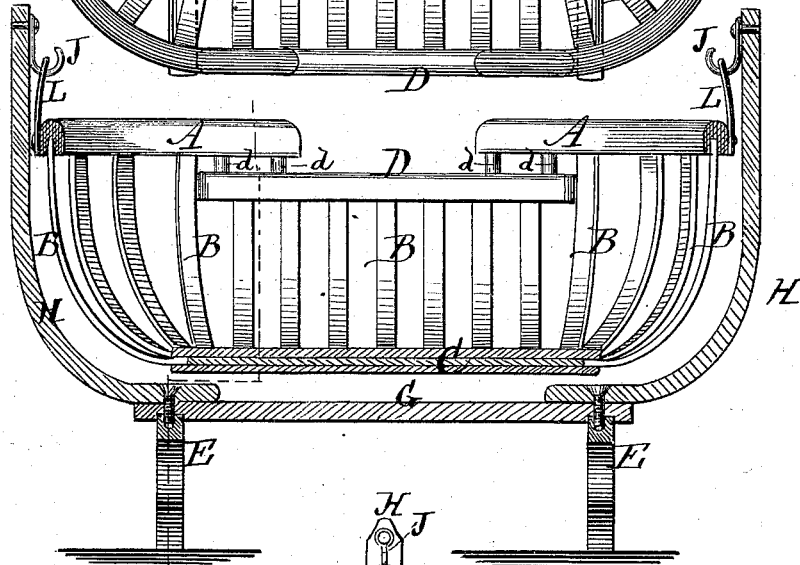
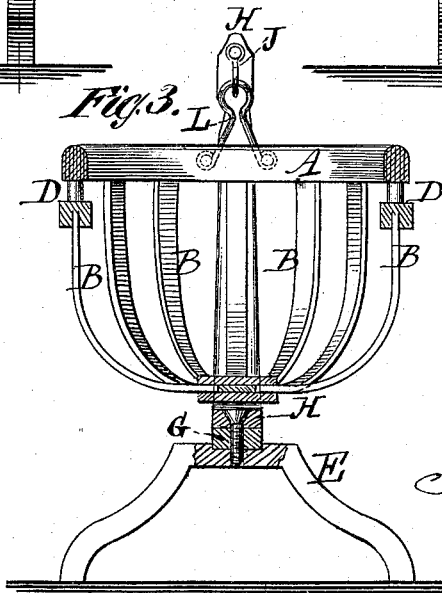


Fig. 3.



Witnesses.
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UNITED STATES PATENT OFFICE.

FRANCIS C. WIREMAN, OF NEW YORK, N. Y.

IMPROVEMENT IN CRADLES.

Specification forming part of Letters Patent No. 163,288, dated May 11, 1875; application filed July 18, 1874.

To all whom it may concern:

Be it known that I, FRANCIS C. WIREMAN, of the city, county, and State of New York, have invented certain Improvements in Cradles, of which the following is a specification:

This invention relates to certain improvements in cradles specially designed to be suspended from standards, so that said cradle may have a swinging motion imparted to it; and the present invention consists of a cradle-body, consisting of two independent end frames, vertical ribs attached to the said end frames, and to the bottom of the cradle, and straight bars or strips, connected with the ends of the independent frames by bolts or pins; all in such manner that recesses or spaces are left at the sides of the cradle in order to facilitate access to the occupant of the cradle.

In the drawings, Figure 1 is a top view of my improved cradle. Fig. 2 is a central longitudinal vertical section. Fig. 3 is a transverse vertical section taken in the line $x x$ of Fig. 2.

The end pieces A of the cradle may be constructed of a number of thicknesses of wood, or of a single piece, and are bent into semi-circular or approximate form either before or after the several thicknesses are put together. The body of the cradle is composed of ribs B, bent into shape and arranged vertically, with the upper ends inserted into mortises in the lower edges of the end pieces A, and the lower ends inserted in similar mortises or depressions in the bottom or bed plate C. This bottom or bed plate is of oblong, elliptical, or other suitable form.

The lower ends of the ribs B may extend entirely to the center of the bed-plate C, meeting each other; or they may extend but a short distance therein, as shown in Figs. 1 and 3.

The several thicknesses of which the end pieces may be composed may be secured together by means of glue or suitable cement.

The end frames A are independent of each other, and their ends terminate at a distance from each other, so as to create spaces at the sides of the cradle; and the said ends of the cradle are connected with ends of straight

bars or strips D by means of intervening bolts or dowel-pins d , said bars or strips D being arranged at a suitable distance below the line or level of the end frames A, and being attached to the upper ends of the bent strips B, which are not connected with the ends of the end frames A at the central portion of the sides of the cradle.

The cradle constructed as above described, instead of being provided with rockers, is arranged as a swinging cradle, supported by devices constructed and arranged as follows: The feet or legs are formed in pairs, each pair E being sawed or bent into suitable shape. The feet or legs extend laterally a distance less than the width of the body of the cradle, so that a person may approach the cradle to arrange the bed or the occupant without coming in contact with the feet or legs E. The two pairs are connected by a bar, G, running longitudinally of the body of the cradle. To each end of the bar G, and each pair of feet or legs, is attached the lower end of a curved standard, H, the cradle being suspended from the upper ends of said standards. These standards are secured to the bar G and feet or legs E by means of screws, bolts, or clips. The devices for suspending the cradle consist of hooks J and loops L, the hooks being attached to the standards H and the loops being attached to the end pieces A. These hooks and loops are made of elastic wrought metal—either wire or sheet metal—in preference to cast-iron, as is usual, so that, in suspending the cradle, the loops are easily sprung into place on the hooks.

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

In a cradle-body, the combination of the independent end frames A, the vertical ribs B, the bottom C, and the straight bars or strips D, connected with the ends of the frames A by the bolts or pins d , and supported by the ribs B, as and for the purpose shown and described.

F. C. WIREMAN.

Witnesses:

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