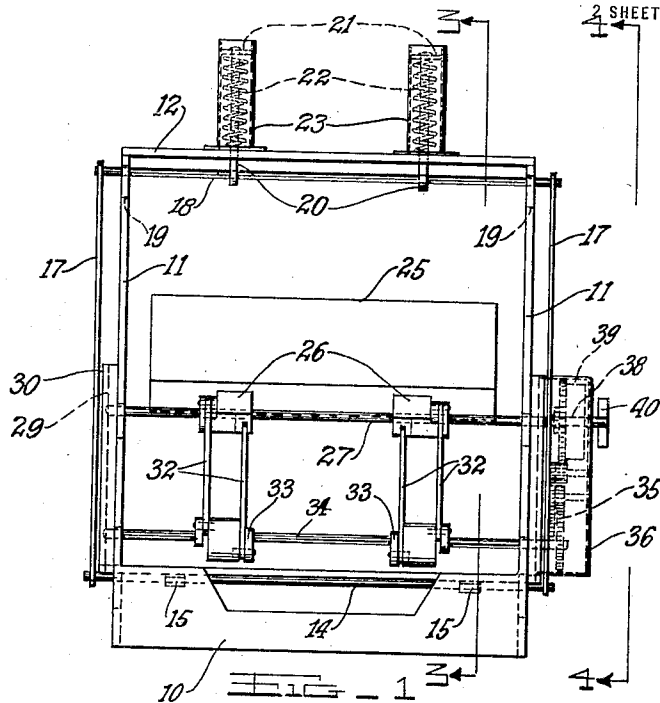
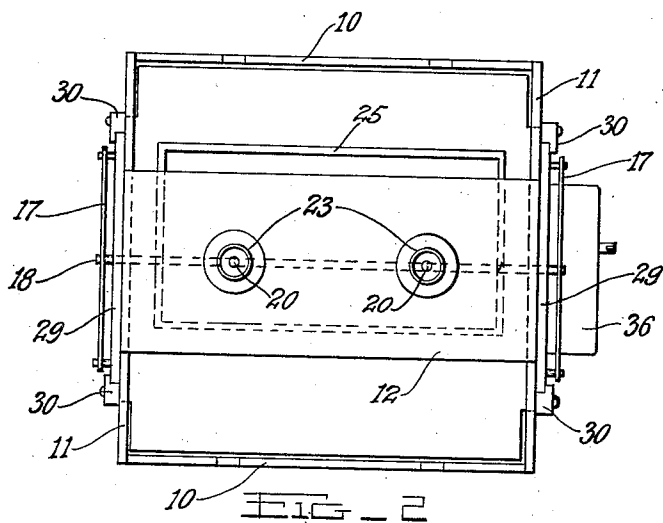


1,354,907.

F. HOPAIDASZKA.
CRADLE.
APPLICATION FILED MAY 5, 1920.

Patented Oct. 5, 1920.

2 SHEETS—SHEET 1.



INVENTOR.

Frederick Hopaidaszka

BY

George C. Henricke

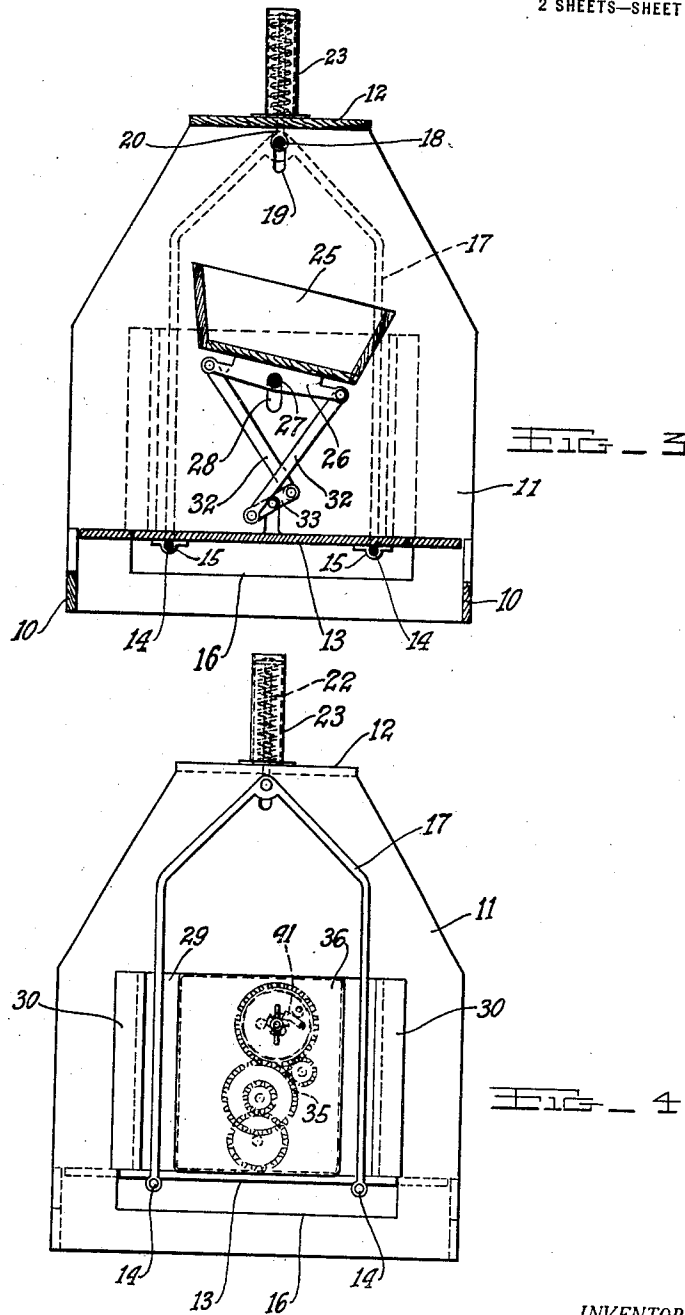
ATTORNEY.

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2 SHEETS—SHEET 2.



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CRADLE.

1,354,907.

Specification of Letters Patent.

Patented Oct. 5, 1920.

Application filed May 5, 1920. Serial No. 379,017.

To all whom it may concern:

Be it known that I, FREDERICK HOPAIDASZKA, a citizen of Ruthenia, residing at Cobalt, Province of Ontario, and Dominion of Canada, have invented certain new and useful Improvements in Cradles, of which the following is a specification.

This invention relates to an infant's cradle and it has for a general object to provide a novel and improved cradle which may be given a rocking motion or a vibrating motion as may be desired.

Other objects relate to the particular arrangement and mounting of the cradle for rocking purposes.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claim in which the various novel features of the invention are more particularly set forth.

Figure 1 of the drawings is a side view of an infant's cradle constructed according to my invention.

Fig. 2 is a plan view thereof.

Fig. 3 is a transverse section on the line 3—3 of Fig. 1.

Fig. 4 is an end view looking in the direction of the arrows 4 of Fig. 1.

As here shown my improved cradle is mounted in a frame consisting of the side base-boards 10, end walls 11, and top plate 12. Located in this frame is a vertically movable rectangular flooring 13 which is of a size to fit snugly between the end walls and base-boards and which is supported a short distance above the bottom of the frame. This flooring is supported on a pair of longitudinal bars 14 to which it is secured as by the brackets 15 the ends of these bars projecting through apertures 16 in the end walls 11, and being connected to the lower ends of rails 17 the upper ends of which are suspended on the ends of a third bar 18 extending lengthwise of the cradle close under the top plate 12, this bar 18 extending through vertical slots 19 in the end walls 11. This bar 18 is suspended from a pair of rods 20 which pass freely upwardly through suitable apertures in the top plate 12 and have disks 21 fixed on their upper ends, compression springs 22 bearing between the disks and the top plate 12, these springs being surrounded by sleeves 23 fixed on the top-plate 12 and forming guide bearings for the

disks 21. As will be apparent, the above described means provides for the resilient mounting of the floor upon which is mounted in turn the cradle proper.

The cradle proper, or cradle body, is shown at 25 and is of the usual shape. I preferably provide for the mechanical rocking of this cradle body and to this end it has fixed to the under side thereof a pair of transverse cleats 26 through which passes centrally a longitudinal shaft 27, the ends of this shaft passing through vertical slots 28 in the end walls 11 and being journaled in plates 29 slidable upon the outer faces of the end walls 11, against which they are held by the vertical guide strips 30 fixed to the end walls and engaging the side edges of the plates. These plates are fixed at their lower ends to the flooring 13, and it will thus be obvious that the shaft 27, and with it the cradle 25 will move vertically with the flooring 13.

Pivottally connected to opposite ends of the cleats 26 are a pair of rigid links 32 which extend diagonally downwardly and across the median line of the cradle and are connected at their lower ends to crank members 33 on a longitudinal shaft 34 which extends at its ends through the aperture 16 in the end walls and is journaled in the plates 29. It is to be noted that the crank members 33 are relatively short in comparison to the distance from the shaft 27 to the ends of the cleats 26 so that a rotation of the lower shaft 34 will impart a rocking or oscillating motion to the cradle 25 on the upper shaft 27. The shaft 34 may be rotated by means of a train of gears 35 located in a casing 36 on one of the end plates 29, one end of this train connecting to the end of the shaft 34 and the other end to a clock-spring shaft 38 rotatable in a well known manner by a spring 39, this shaft being wound by a handle 40 the usual pawl and ratchet device 41 being provided.

It is believed the manner of operation and use of my improved cradle will be apparent from the foregoing description, it being apparent that the cradle body 25 and all its operating parts are carried on the movable flooring 13 which is suspended from the springs 22, so that the cradle may be either rocked on the shaft 27 or vibrated by hand, or a combination of such movements imparted to the cradle at the same time. It will also be apparent that the cradle may be

started rocking and left unattended and that the rocking movement will continue thus relieving the person in charge of the infant from extra care.

5 Having thus described my invention what I claim as new and desire to protect by Letters Patent of the United States is as follows:

10 In a cradle, a cradle body, a pair of transverse cleats on which said cradle body is fixed, a shaft extending longitudinally under the cradle body centrally through the said cleats, a pair of rigid crossed links connected at their upper ends to the opposite ends of
15 each cleat, a cranked shaft to which the

lower ends of said links are fixed, and means for rotating said cranked shaft, and means for resiliently suspending said cradle body and its operating means, said means including a frame having vertical end walls, a 20 flooring having vertical end plates guided in said end walls, and compression springs upon the top of said frame from which said flooring is suspended.

In testimony whereof I have affixed my 25 signature.

F. HOPAIDASZKA.

Witnesses:

R. P. GRAHAM,
PEARL PRICE.