July 1, 1924.

1,500,009

P. SMALDONE

CRIB

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Fig. 1.

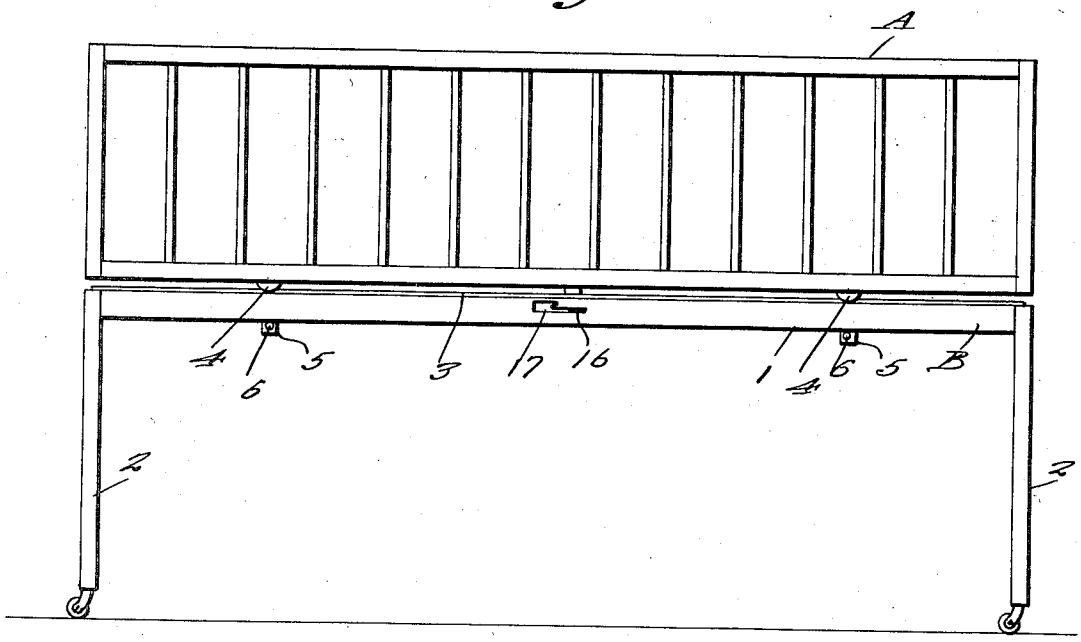
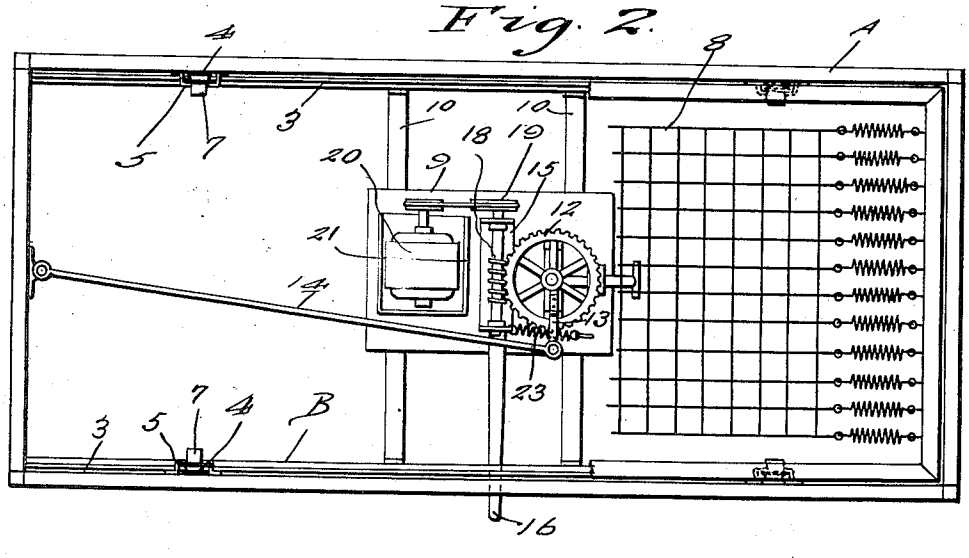


Fig. 2.



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Fig. 3.

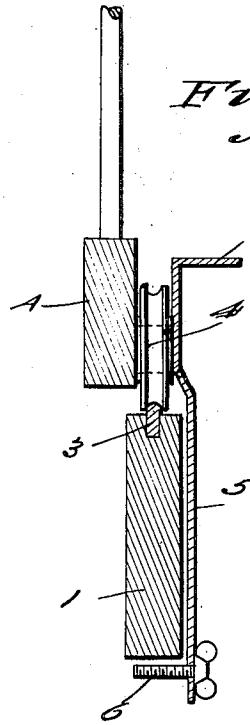


Fig. 4.

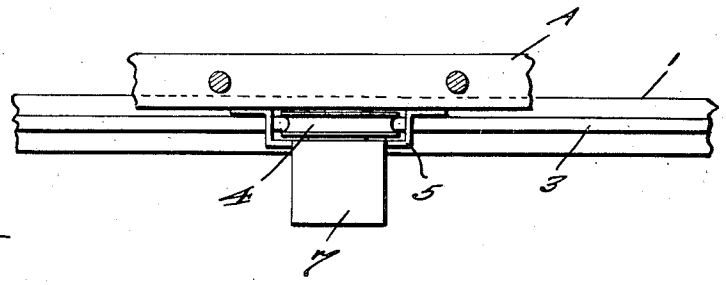


Fig. 5.

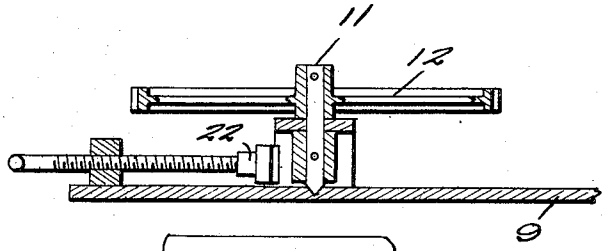
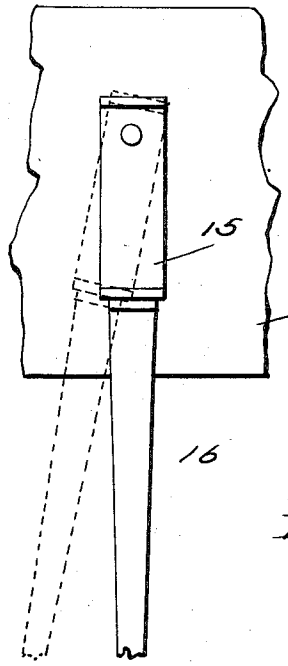


Fig. 6.



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WITNESSES

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Patented July 1, 1924. 1,500,009

UNITED STATES PATENT OFFICE.

POMPILIO SMALDONE, OF NEW YORK, N. Y.

CRIB.

Application filed May 23, 1923. Serial No. 640,933.

To all whom it may concern:

Be it known that I, POMPILIO SMALDONE, a citizen of Italy, residing at New York, in the county of New York and State of New York, have invented new and useful Improvements in Cribs, of which the following is a specification.

This invention relates to a crib for infants, the general object of the invention being to provide means whereby the crib can be given a reciprocatory movement which will act to quiet the child and cause it to go to sleep.

Another object of the invention is to so arrange the parts that the reciprocatory movement can be given to the upper part of the crib by a motor or by hand.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claim.

In describing my invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:—

Figure 1 is a side view of the crib.

Figure 2 is a plan view.

Figure 3 is a transverse sectional view through one of the brackets.

Figure 4 is a plan view of Figure 3.

Figure 5 is a sectional view through the gear wheel 12 and its associated parts.

Figure 6 is a detail view of the handle 16.

As shown in these views the crib is composed of an upper part A and a lower part B, the lower part being composed of a frame 1 and the legs 2. The side pieces of the frame have connected therewith bars 3 which form tracks for the rollers 4 which are carried by the upper part A so that the upper part can be moved back and forth upon the lower part. Brackets 5 are secured to the upper part and pins 6 are carried by the depending portions of the brackets and extend under the side rails of the lower part so that the upper part is detachably connected with the lower part. These brackets have inwardly extending portions 7 for forming supports for the bed spring 8. A platform 9 rests upon the cross pieces 10 of the frame 1 and this platform carries a shaft 11 on which is mounted a gear wheel 12 to which is secured a crank 13. A pitman 14 connects this crank with one end of the upper part of the crib so that as the gear wheel rotates the upper part A will be reciprocated on the lower part. A frame 15 is pivoted to the platform and said frame can be rocked by means of a hand lever 16 which extends through a slot 17 formed in one of the side rails of the lower part. This frame has journaled therein a worm shaft 18, the worm of which meshes with a large gear when the frame is in one position but when the frame has been moved to another position the parts are out of mesh. The shaft carries a pulley 19 which is belted to a pulley on an electric motor 20 which is arranged in a housing 21 on the platform. This motor is adapted to be connected with any suitable source of supply. A brake 22 is provided for the shaft 11.

From the above it will be seen that when the motor is connected with the gear the upper part A of the crib will be moved back and forth so as to rock the infant. When desired the motor can be disconnected from the gear by shifting the lever 16 to move the worm shaft out of mesh with the gear and then the upper part of the crib can be actuated by hand. A spring 23 serves to hold the frame 15 in a position with the worm wheel in mesh with the gear and the slot 17 is provided with an enlargement for receiving a part of the hand lever so as to hold the gears out of mesh with the spring under tension.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claim.

What I claim is:—

A crib of the class described comprising a lower part including a frame and legs, a track on the frame, an upper part, brackets connected with the upper part, rollers carried by the brackets for engaging the track, pins carried by the brackets and extending under the frame of the lower part, horizontal parts on the brackets for supporting the bed springs, a platform supported by the frame of the lower part, a horizontally arranged gear mounted on the platform and having a crank thereon, a pitman connecting the crank with the upper part, a motor on the platform, means for transmitting the movement of the motor to the gear, and manually operated means for disconnecting the motor from the gear when desired.

In testimony whereof I affix my signature.

POMPILIO SMALDONE.