April 6, 1954 I. E. VEITCH 2,673,989

BABY BED

Filed July 27, 1950 2 Sheets-Sheet 1

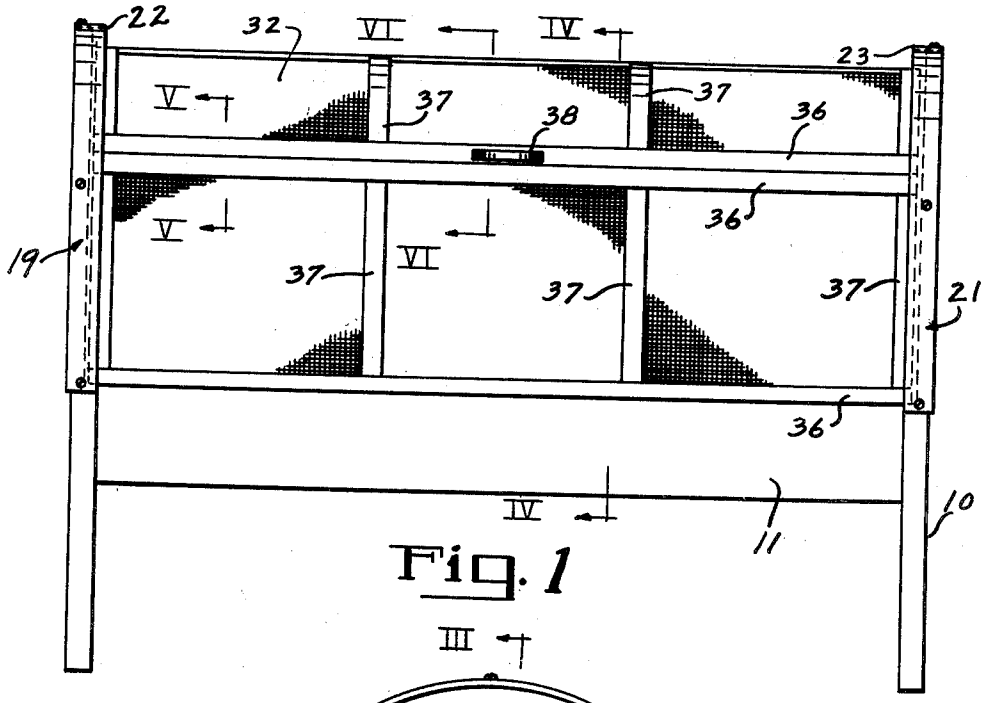


Fig. 1

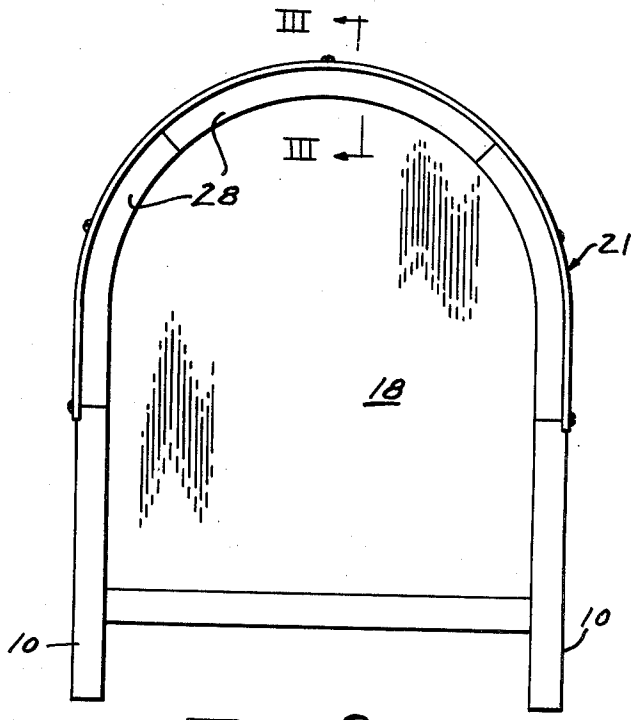


Fig. 2

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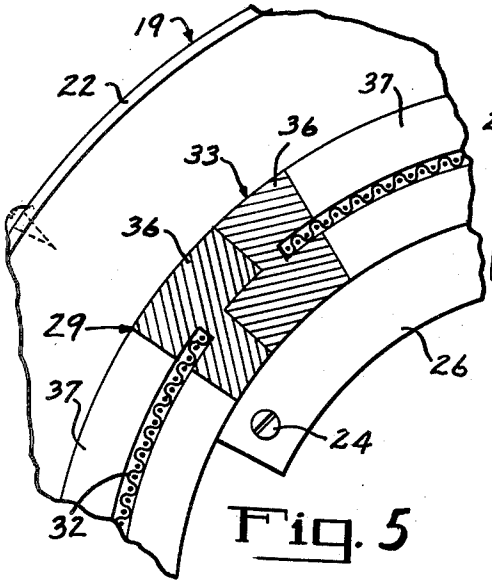


Fig. 5

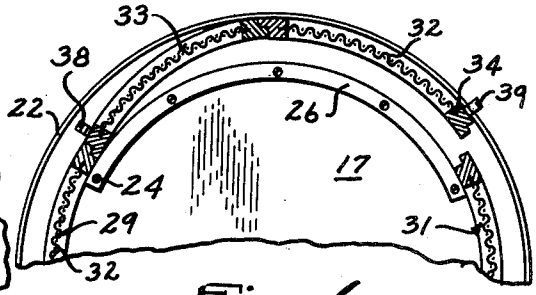


Fig. 6

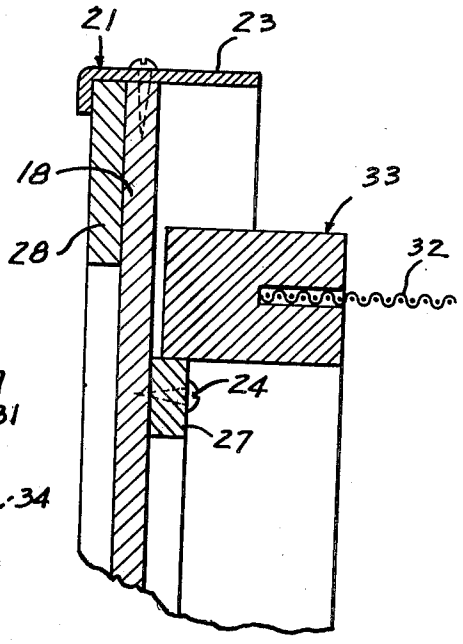


Fig. 3

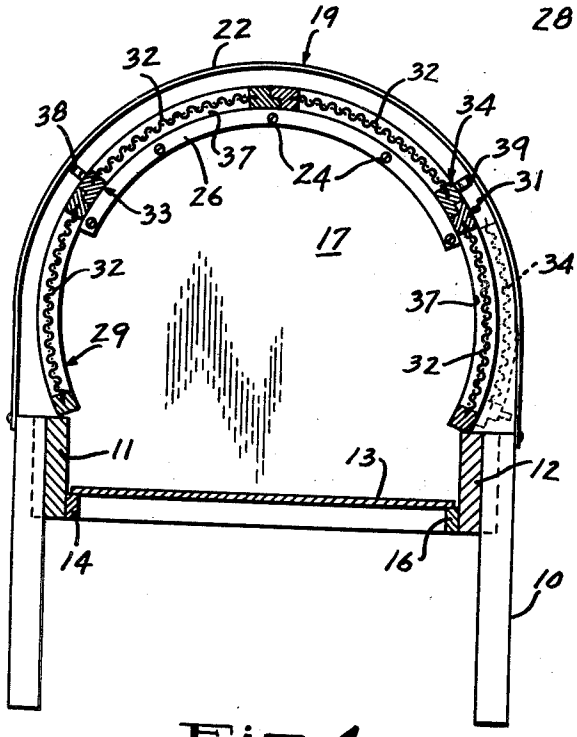


Fig. 4

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BABY BED

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5 Claims. (Cl. 5—97)

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This invention relates to a baby bed, and has for an object the provision of such a bed which shall be effective in protecting a baby from insects, rodents, and the like.

A further object of the invention is to provide a bed of the character designated which shall include a screen cover and one which can be opened only by a lateral and lifting movement and is not opened by the ordinary movements of a child occupant.

A further object is to provide a baby bed having movable cover members curved in cross section, said cover members forming an arch-like screen cover for the bed, and means to detachably hold said movable cover members in closed position.

A still further object is to provide a baby bed which is simple of construction and economical of manufacture, and one which is neat in appearance and very easily kept clean.

A bed embodying features of my invention is illustrated in the accompanying drawings, forming a part of this application, in which:

Fig. 1 is a side elevational view;

Fig. 2 is an end elevation;

Fig. 3 is a sectional view taken along line III—III of Fig. 2;

Fig. 4 is a sectional view taken along line IV—IV of Fig. 1;

Fig. 5 is a sectional view taken along line V—V of Fig. 1; and

Fig. 6 is a sectional view taken along line VI—VI of Fig. 1 showing one of the movable cover members in raised position and ready for downward movement.

Referring now to the drawings for a better understanding of my invention I show a baby bed having legs 10, side members 11 and 12, and a bottom 13. Extending longitudinally along the lower inner edges of the side members 11 and 12 are side strips 14 and 16 for supporting the bottom 13. Secured to the legs 10 and to the sides 11 and 12 are end members 17 and 18 which are arch-shaped at the upper portion thereof. Extending around the periphery of the end members 17 and 18 are flat strips 19 and 21 which extend inwardly of the end members to form circular flanges 22 and 23 respectively. The strips 19 and 21 may be formed from any suitable material such as metal. Also the outer edge of said strips may be bent downwardly alongside the end members, as shown in Fig. 3. Spaced from the circular flanges 22 and 23 and secured to the end members 17 and 18 by screws 24 are circular strips 26 and 27 respectively.

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Also extending around the outer edges of the end members 17 and 18 are arched shaped strips 28 which gives added strength to the end members 17 and 18.

Rigidly secured to the end members 17 and 18 and to the upper portion of the side members 11 and 12 are elongated, rectangular side frame members 29 and 31 curved in cross section. Secured in the frame members 29 and 31 are wire screens 32. The upper, inner edges of the frame members 29 and 31 engage the lower outer edges of the circular strips 26 and 27. Positioned above the frame members 29 and 31 are upper rectangular frame cover members 33 and 34 also curved in cross section, said cover members joining each other at the top thereof. The frame cover members 33 and 34 are also provided with screens 32 thereby forming with the frame members 29 and 31 a screen cover for the bed which is semi-circular in cross section.

The frame members 29, 31, 33 and 34 comprise longitudinally extending strips 36 and curved strips 37. The outer edges of the longitudinally extending strips 36 are L-shaped in cross section thereby forming shiplap joints or locking means between the frame members. The joint between the frame members 29 and 33 and between frame members 31 and 34 are such that the lower edges of the upper frame members 33 and 34 hook beneath the upper edges of the lower frame members 29 and 31.

The distance between the upper edge of the circular strips 26 and 27 and the lower edge of the circular flanges 22 and 23 is slightly greater than twice the depth of a frame member, thereby providing sufficient space between the lower frame members 29 and 31 and the circular flanges 22 and 23 respectively for passing the upper frame or cover members 33 and 34 to the open or lowered position as indicated in dotted lines in Fig. 4. Handles 38 and 39 are provided adjacent the lower edges of the cover members 33 and 34 for moving them to their lowered or raised position.

In the closed position the cover members 33 and 34 rest along the upper edges of the circular strips 26 and 27 as shown in Fig. 4. To lower either of the cover members 33 or 34 the handle on the member to be lowered is pulled upwardly, as shown in Fig. 6, thus disengaging the upper L-shaped locking member from beneath the lower L-shaped member. The upper member is then moved downwardly between the lower frame member and the inwardly ex-

tending flange **22** or **23** as the case may be. To raise the cover members **33** and **34** to the closed position, the members are moved upwardly until the lower edges thereof are above the upper edge of the lower frame members. The members **33** and **34** are then pushed inwardly and lowered to locking position as shown in Fig. 4, in which the lower edge of the movable member **33** or **34** hooks under the upper edge of the stationary side frame member. It will be apparent that the upper sections **33** and **34** in the locked position as shown in Fig. 4 cannot be pushed outwardly by the baby, due to the fact that the lower edge of the upper frame member is below the upper edge of the lower frame member. When both upper frame members are moved to their lowered positions, there is ample opening for placing a child in or removing it from the bed.

From the foregoing it will be apparent that I have devised a baby bed which is simple of construction and economical of manufacture. By providing both movable and stationary frame members and a locking joint between said members I have provided a bed which protects the baby from insects, rodents or the like. It will also be apparent that a baby bed made in accordance with my invention is easily kept clean since the entire top portion of the screen cover slides down alongside the stationary frame members.

While I have shown my invention in but one form, it will be obvious to those skilled in the art that it is not so limited, but is susceptible of various changes and modifications without departing from the spirit thereof, and I, desire therefore, that only such limitations shall be placed thereupon as are specifically set forth in the appended claims.

I claim:

1. A baby bed comprising substantially semi-circular end members, a flat strip extending around the periphery of said end members and projecting inwardly thereof to form inwardly extending flanges, arcuate strips spaced inwardly of said flanges adjacent the upper portion of said end members and secured to the inner sides of said end members, stationary side members curved in cross-section extending between and secured to said end members adjacent the outer surface of said arcuate strips and spaced inwardly of said flanges, a pair of movable cover members curved in cross-section disposed to slidably engage the end members between said flanges and said arcuate strips and between said flanges and said side members and forming with the side members an arch shaped cover for the bed.

2. A baby bed as defined in claim 1 in which there are shiplap joints between the top edges of the stationary side members and the lower edges of the movable cover members, the lower edges of the movable cover members fitting inwardly of and beneath the upper edges of the stationary side members when the movable cover members are in raised position.

3. A baby bed as defined in claim 2 in which there is a shiplap joint between the upper edges of the movable cover members and a handle on the lower edge of each movable member for moving the same.

4. A baby bed comprising a bottom and semi-circular end members secured to said bottom, an inwardly extending flange extending around the upper periphery of each of said semi-circular members, an arcuate strip spaced from each of the inwardly extending flanges and secured to the inner side of each semi-circular member, a pair of substantially rectangular side frame members curved in cross section extending between and secured to the end members adjacent said bottom, said side frame members being positioned adjacent the arcuate strips and spaced from the inwardly extending flanges, movable rectangular frame cover members curved in cross section disposed to slidably engage the semi-circular end members between the inwardly extending flanges and the outer edges of the arcuate strips and between the inwardly extending flanges and the outer surfaces of the side frame members, and a wire screen in each of said frame members.

5. A baby bed comprising substantially semi-circular end members, a plurality of rectangular frame members curved in cross section forming an arched cover for the bed, the ends of some of said rectangular frame members being secured to the end members and spaced from the outer edge thereof and others of said frame members slidably engaging the end members adjacent the periphery thereof and sliding over the said frame members which are secured to the end members, thereby forming openings in said arched cover, inwardly projecting flanges extending around the periphery of said end members limiting outward movement of the members which slidably engage the end members, and shiplap joints between adjacent frame members, the lower edges of the members which slidably engage the end members being disposed to hook beneath the upper edges of the said frame members which are secured to the end members.

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