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MUSICAL CRIB MATTRESS AND PAD

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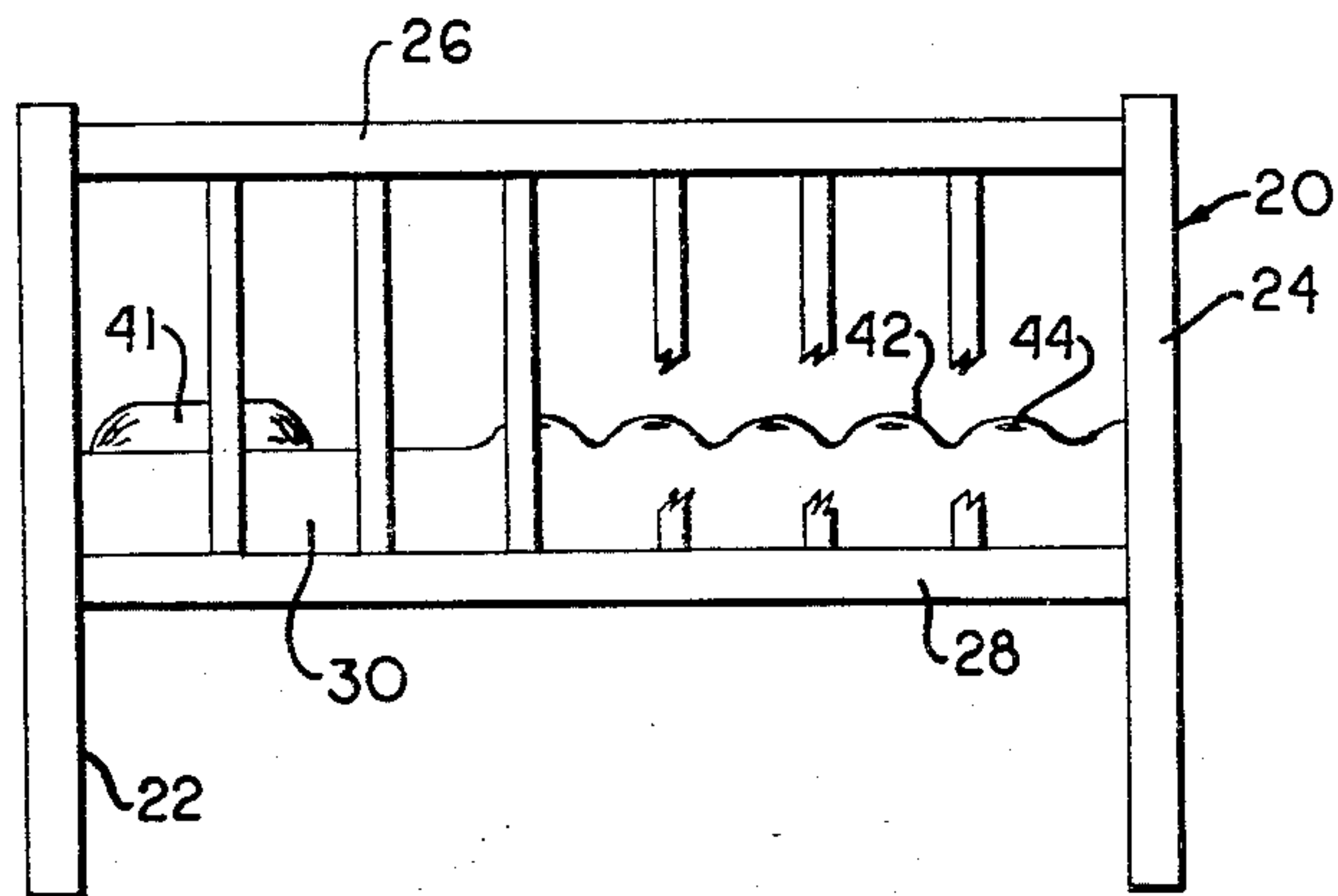


FIG. 1

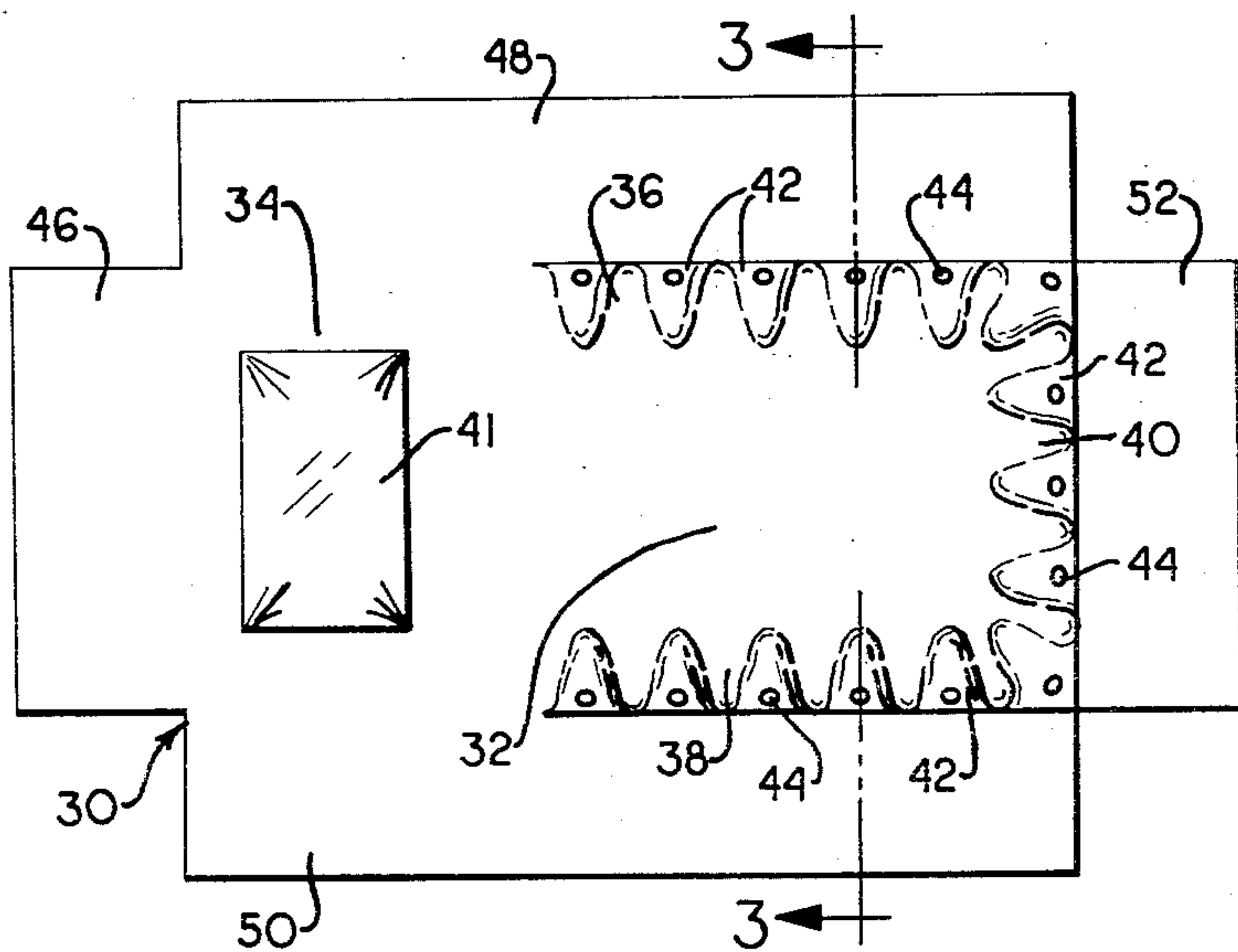


FIG. 2

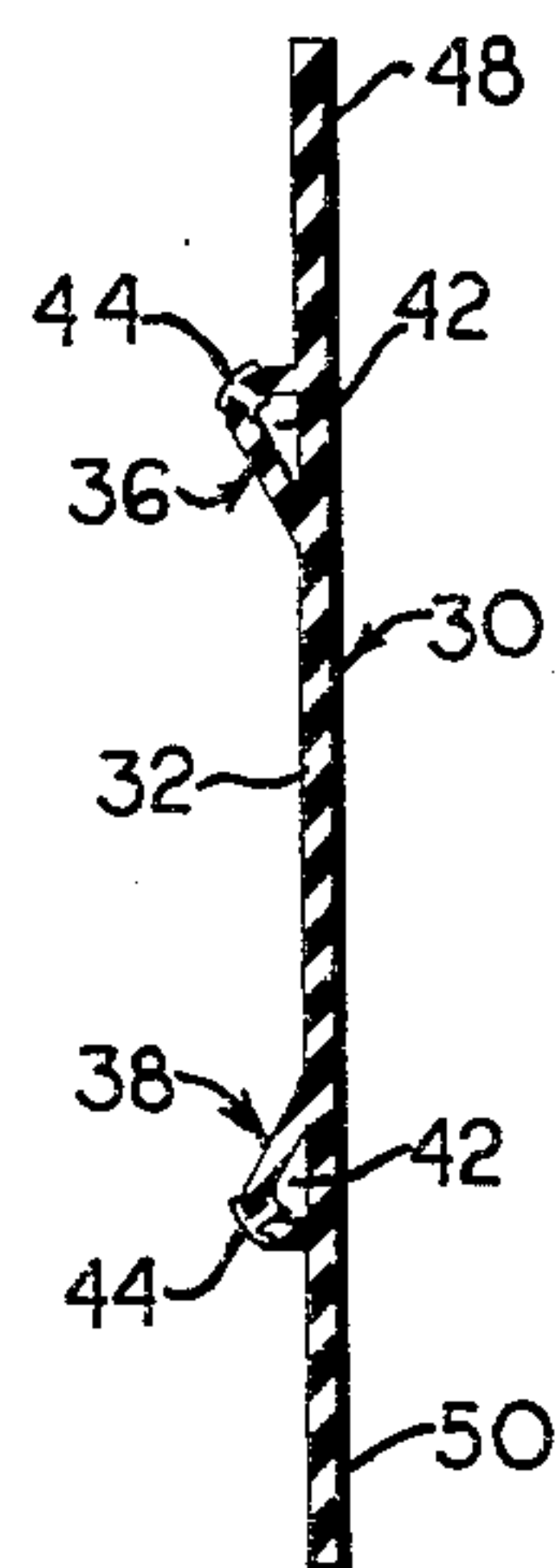


FIG. 3

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MUSICAL CRIB MATTRESS AND PAD

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6 Claims. (Cl. 5—335)

The present invention relates to pads and mattresses and more particularly to pads and mattresses for bassinets or cribs for children.

The pad or mattress of the present invention includes portions formed of flexible and preferably resilient material. A portion of the pad or mattress is elongated to form the sleeping section for the child. Portions on opposite sides of this elongated portion are provided with resilient cells which are connected to atmosphere, and sound producing elements are associated with these cells and actuated by air when the cells are depressed. Preferably the pad or mattress also includes a cell section at one end only of the elongated portion, namely at the foot end of the crib.

When the invention is applied to a pad, as distinguished from a mattress, the sides, foot and head thereof are provided with outwardly extending portions for tucking the same under the mattress.

Further objects and advantages will be apparent from the following description, reference being had to the accompanying drawings wherein preferred embodiments of the invention are illustrated.

In the drawings:

FIG. 1 is a side view of a bassinet or crib showing the invention applied thereto;

FIG. 2 is a top plan view of a pad; and

FIG. 3 is a sectional view taken on line 3—3 of FIG. 2.

The present invention is a continuation-in-part of my co-pending application Serial No. 767,231, filed October 14, 1958, now abandoned, entitled Musical Crib Mattress and Pad.

Referring more in detail to the drawings, the bassinet or crib 20 includes four upright posts 22 and 24, two only being shown. The crib also includes four upper rails 26 and four lower rails 28 at opposite sides and at the head and foot end of the crib, only one each of said rails being shown. Obviously from the foregoing the crib is rectangular in shape and preferably elongated. The lower rails 28 support the usual springs and slats which in turn support the mattress.

Referring now particularly to FIG. 2 which shows a pad 30 in top plan view. This pad includes an elongated central portion 32 which merges into a head portion 34. Cell portions 36 and 38 are formed integrally and on opposite sides of the elongated portion 32. Also a cell section 40 is formed integrally and at one end only of the elongated portion 32; portion 40 is at the foot of the crib while the portion 34 is at the head of the crib. Portion 34 supports a pillow 41.

These cell portions 36, 38 and 40 are preferably formed of resilient material and each portion includes a plurality of cells 42. Each of these cells is provided with a sound producing element. The cells 42 are connected to atmosphere through whistles or reeds 44.

The elongated section 32 forms the normal sleeping area of the pad and contains no cells nor does the head portion 34. Should the child become restless and move beyond the normal sleeping area, and contact any of the cell portions 36, 38 or 40, a whistle or whistles will be actuated. Too, the child can use these whistles as an amusement device by stamping on a cell section.

Pad sections 46, 48, 50 and 52 extend outwardly respectively from the portions 34, 36, 38 and 40. These portions may be tucked under the mattress so as to hold the pad in position. The pad may be formed of any suitable material such as rubber or synthetic rubber.

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Although I have shown the invention in the form of a pad, it is to be understood that the top of the mattress may be formed of portions 32, 34, 36, 38 and 40; in which case the portions 46, 48, 50 and 52 would be omitted.

It will also be understood that the cell sections 36, 38 and 40 are formed of resilient material normally biased so as to provide open cells 42 which may be collapsed under pressure but automatically expanded by the ingress of air through the whistle 44.

It will also be observed from FIG. 2 that the cells are sufficiently spaced from one another so as to eliminate any sharp crevices and in this manner the pad can be easily brushed or sponged to remove dirt.

From the foregoing it will be seen that I have provided a sound producing pad or mattress which will give warning as to the restlessness of the child, or the device can be used for the amusement of the child.

While the forms of embodiments herein shown and described constitute preferred forms, it is to be understood that other forms may be adopted falling within the scope of the claims that follow.

I claim:

1. A pad or mattress for a baby crib including an elongated central portion providing the normal sleeping section for the child, and integral portions on opposite sides of the elongated portion, said latter side portions each having resilient cells and each cell being provided with an opening leading to and in continuous open communication with the atmosphere, said cells being disposed beyond the normal sleeping area; and air actuated sound producing elements associated with said openings.

2. A pad for a baby crib including an elongated central portion formed of flexible material and providing the sleeping section for the child, and integral portions on opposite sides of the elongated portion, said latter side portions each having resilient cells and each cell being provided with an opening leading to and in continuous open communication with the atmosphere, said cells being disposed beyond the normal sleeping area; and air actuated sound producing elements associated with said openings.

3. A pad as defined in claim 2, in which each of the said latter side portions include outwardly extending flexible sections adapted to be tucked under a mattress.

4. A pad or mattress for a baby crib including an elongated central portion providing the sleeping section for the child, and integral portions on opposite sides of the elongated portion and at one end only of the elongated portion, said latter side and end portions each having resilient cells and each cell being provided with an opening leading to and in continuous open communication with the atmosphere, said cells being disposed beyond the normal sleeping area; and air actuated sound producing elements associated with said openings.

5. A pad for a baby crib including an elongated central portion formed of flexible material and providing the sleeping section for the child, and integral portions on opposite sides of and at one end only of the elongated portion, said latter side and end portions each having resilient cells and each cell being provided with an opening leading to and in continuous open communication with the atmosphere, said cells being disposed beyond the normal sleeping area; and air actuated sound producing elements associated with said openings.

6. A pad as defined in claim 5, in which each of the said latter side and end portions includes outwardly extending flexible sections adapted to be tucked under a mattress.

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