C. A. VOSSBERG.

TOY FURNITURE.

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1,431,607.

Patented Oct. 10, 1922.

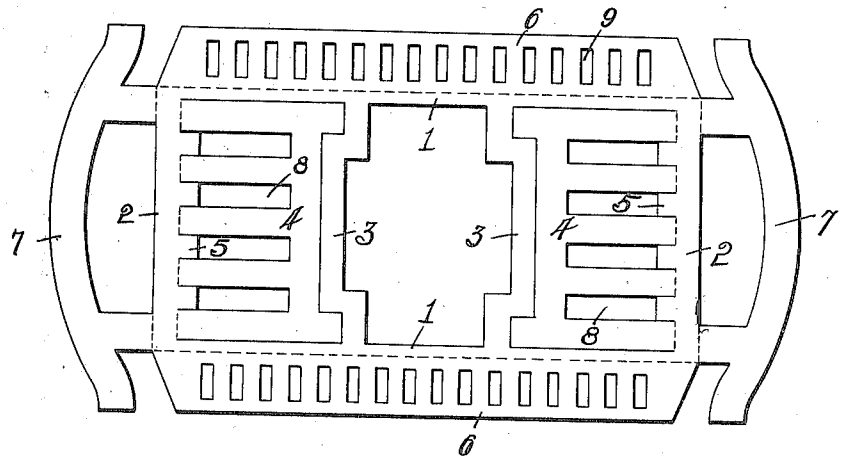


Fig 1.

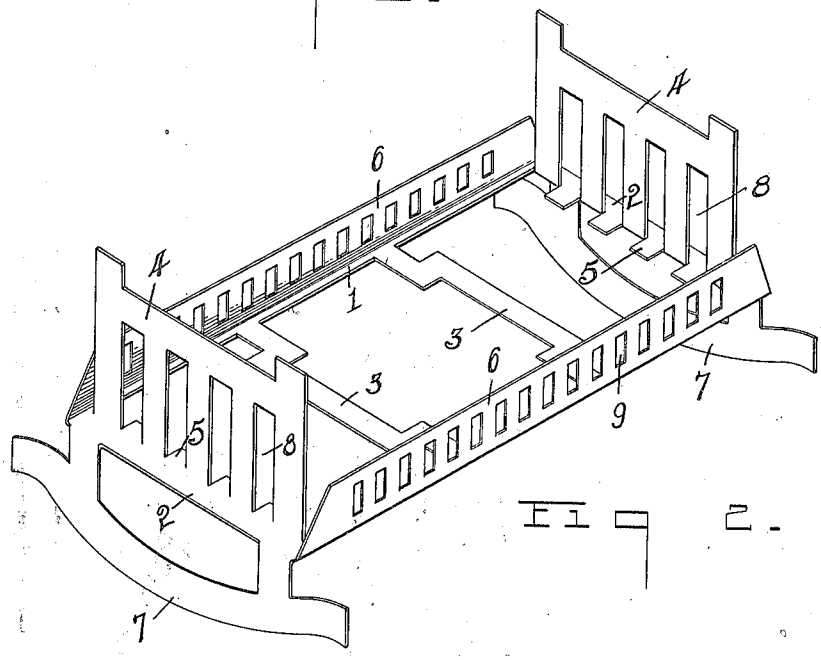


Fig 2.

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UNITED STATES PATENT OFFICE.

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TOY FURNITURE.

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To all whom it may concern:

Be it known that I, CARL A. VOSSBERG, a citizen of the United States, and a resident of Toledo, in the county of Lucas and State of Ohio, have made an invention appertaining to Toy Furniture; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form a part of this specification.

This invention relates to toy furniture and has for its object to stamp or form a bed, crib or the like in a single piece from sheet metal, or other suitable stiff material, and to thereby provide a simple, light, strong and durable article of this character.

The invention is fully described in the following specification, and while, in its broader aspect it is capable of embodiment in numerous forms, a preferred embodiment thereof is illustrated in the accompanying drawings, in which,—

Figure 1 is a plan view of a bed embodying the invention in flat or knock-down form, and Fig. 2 is a perspective view of the same in set up or usable form.

In making a bed embodying the invention, whether the bed be of the stationary or rocking crib type, it is stamped or formed in a single piece from any suitable stiff sheet material, but preferably sheet metal, and has a body portion comprising the opposed side rails 1, 1, the opposed end rails 2, 2 and, in the present instance, the intermediate cross-bars 3, 3 which integrally connect at their ends with the side rails and assist in supporting a spring or mattress.

The head and foot boards or uprights 4, 4 of the bed comprise portions of the material disposed at the inner sides of the respective end rails 2 severed at their sides from the side rails 1 and at their free ends from the cross bars 3. The ends 4 are integrally connected to the end rails 2 and bent upward and outward from the plane of the body to upright positions at the inner edges of the end rails. The outer edges of the cross-bars 3 are formed by the outward striking and bending of the ends 4, and the inner edges of the cross-bars are formed by cutting away the material between them, although, if desired, the material between the bars may be left intact so that one broad cross-bar instead of two narrow bars is provided.

A plurality of spurs or lips 5 project inward from the inner edges of the end rails 2, being struck from the material forming the end uprights 4 and extending inward beyond the inner end edges of such uprights to serve as end supports for a spring, mattress or other device intended to be mounted on the bed, said spurs cooperating in this connection with the side rails 1 and cross-bars 3.

A flange 6 integrally projects from the outer edge of each side rail 1, being co-extensive in length therewith and this flange is bent upward at the outer side of the rails 1 to form the rails with upwardly projecting sides.

The metal at the outer side of each end rail 2 is cut to form a supporting member 7 of any suitable form, which is bent down from the outer edge of the end rail and, in the present instance, is shown as being of rocker form so that the bed may be used as a crib. By extending the side flanges 6 to the outer sides of the end rails 2 such rails are materially strengthened against bending and distortion when a downward pressure is applied through the bed on to the end supporting members 7.

The end uprights 4 and flanges 6 are shown as having openings 8 and 9 respectively provided therein to give such members the appearance of slat construction.

It is evident that a bed made in accordance with my invention is strong and durable in construction and is simple and inexpensive to make.

I wish it understood that my invention is not limited to any specific construction, arrangement or form of the parts, as it is capable of numerous modifications and changes without departing from the spirit of the claims.

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

1. An article of furniture of the class described, formed in a single piece from sheet material, comprising a body part, supporting members struck from the material without the body part, and upright members struck upwardly and outwardly from the material within the body part.

2. An article of furniture of the class described, formed in a single piece from sheet

material, comprising a body part, supporting members struck from the material and bent outward and downward from opposite ends of the body part, and end uprights struck from the material within the body part and bent upward and outward from its ends in inwardly spaced relation to the end supports.

3. An article of furniture of the class described, formed in a single piece from sheet material, comprising a body portion having side and end rails integrally connected at their ends, cross-bars connecting the side rails intermediate their ends, and supports extending downward from the outer edges of the end rails, and end uprights extending upward from the inner edges of the end rails.

4. An article of furniture of the class described, formed in a single piece from sheet material, comprising a body portion having side and end rails integrally connected at their ends, cross-bars connecting the side rails intermediate their ends, end supports extending downward from the outer edges of the end rails, end uprights extending upward from the inner edges of the end rails, and spurs projecting inwardly from the inner edges of the end rails and inwardly beyond the end uprights.

5. An article of furniture of the class described, formed in a single piece from sheet material, comprising a body portion having side and end rails integrally connected at their ends, cross-bars connecting the side rails intermediate their ends, end supports extending downward from the outer edges of the end rails, end uprights extending upward from the inner edges of the end rails, and spurs projecting inwardly from the inner edges of the end rails and inwardly beyond the end uprights, and flanges coextensive with the lengths of the side rails and extending upward from their outer edges.

In testimony whereof, I have hereunto signed my name to this specification.

CARL A. VOSSBERG.