

May 23, 1933.

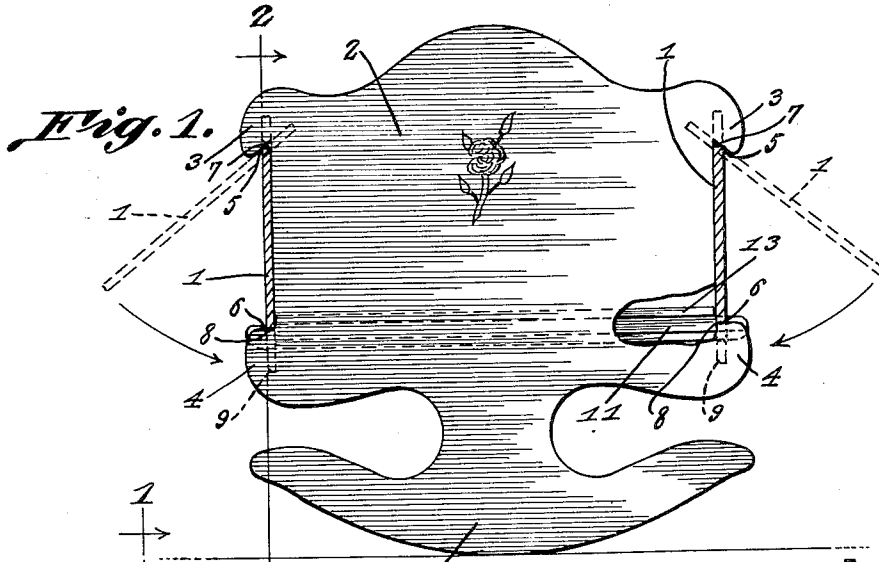
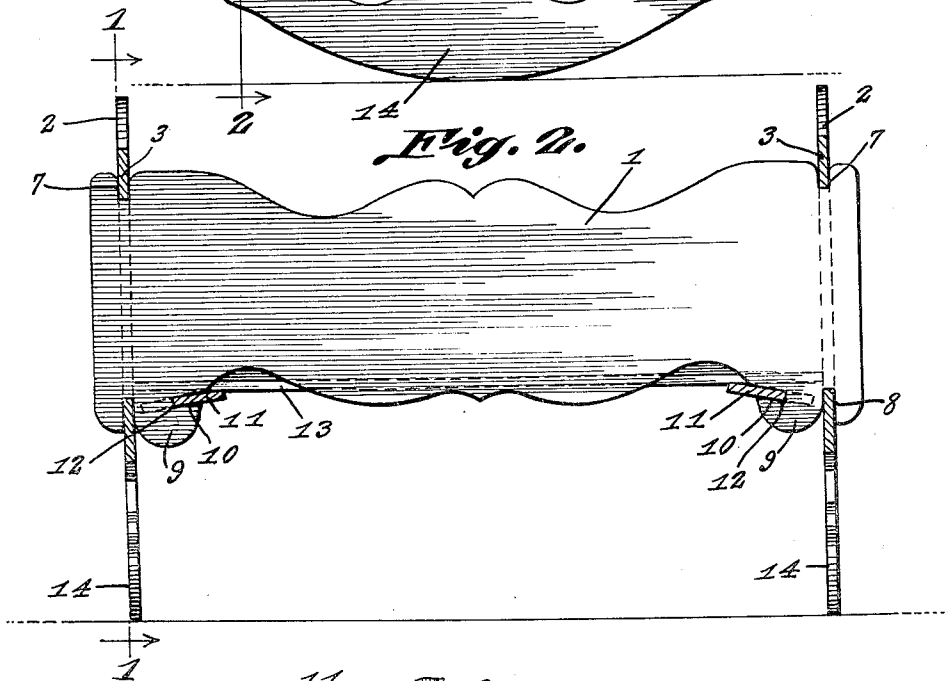
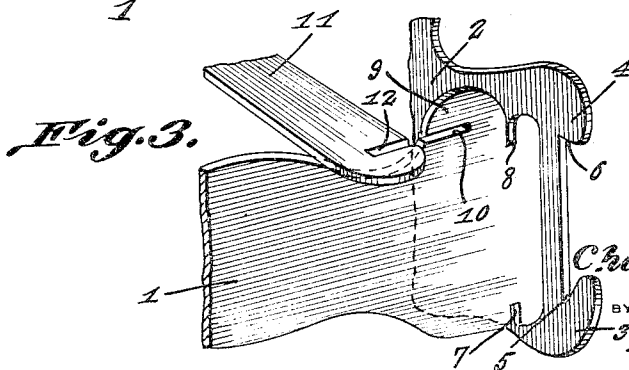
C. CHOMIK

1,910,089

CRADLE

Filed March 13, 1931

2 Sheets-Sheet 1



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Fig. 4.

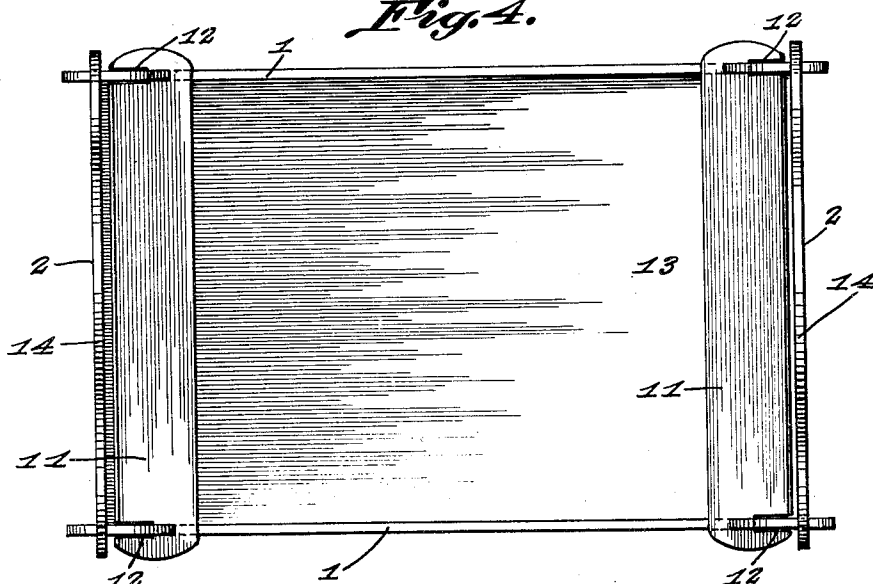


Fig. 5.

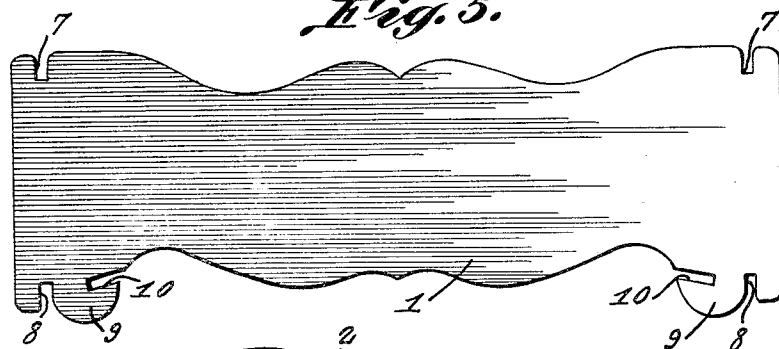


Fig. 6.

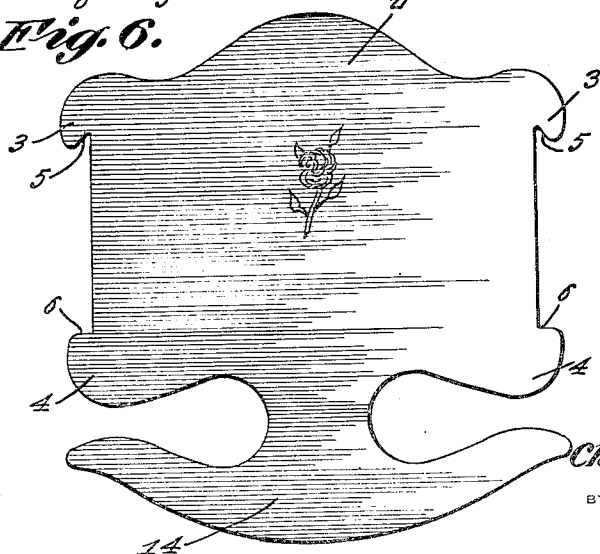


Fig. 7.



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UNITED STATES PATENT OFFICE

CHARLES CHOMIK, OF LINNTON, OREGON

CRADLE

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My present invention has reference to an article of furniture, and my object is the provision of an article of furniture whose parts are connected without the employment of screws, nails, glue, or analogous securing means or devices and wherein the parts constituting the furniture are frictionally held in interlocking engagement, in a manner which will permit of the article being readily and easily set up or as readily and easily disconnected and collapsed to provide a small package for storage or shipment when not in use.

A further object is the provision of an article of furniture which is primarily designed as a child's cradle, but obviously not restricted to this particular device, and in which the parts constituting the article have, at their corners interengaging grooves for frictionally interlocking one with the other, together with locking plates which hold the furniture effectively set up at the corners thereof and which likewise afford a support for the bottom of the cradle, the said plates, when pressure is exerted thereagainst, being forced more tightly into interlocking engagement but which locking plates must be removed to permit of the separation of the remaining parts of the article.

To the attainment of the foregoing the invention consists in the improvement hereinafter described and definitely claimed.

In the drawings:

Figure 1 is a sectional view approximately on the line 1—1 of Figure 2, the dotted lines showing the sides swung to permit of their removal or their interlocking engagement with the ends.

Figure 2 is a sectional view approximately on the line 2—2 of Figure 1.

Figure 3 is an inverted perspective view looking toward one of the corners of the cradle, the parts being separated.

Figure 4 is a bottom plan view of the cradle.

Figure 5 is a side elevation of one of the sides.

Figure 6 is a similar view of one of the ends.

Figure 7 is a plan view of one of the locking plates.

When the device is in the nature of a toy, such as a crib, as disclosed by the drawings, the same may be constructed of heavy cardboard, veneered wood products, wood or the like. While it is to be understood that I do not wish to restrict my invention to a toy crib, nor as a matter-of-fact, to any other toy article of furniture I will, in the following description refer to the same as a toy crib and describe in detail the parts from which the crib is formed, with a distinct understanding that other toy articles, or as a matter-of-fact, household articles may be constructed in accordance with my invention. The crib includes the usual sides 1 and ends 2. The ends 2 have their corners formed with projections which I will term lips and which are indicated by the numerals 3 and 4, respectively. The upper lips 3 have their inner edges cut angularly, as at 5, while the lower lips have straight shoulders 6.

The sides 1, at their upper and lower edges and adjacent to their ends are notched or slotted, as at 7 and 8, respectively. Inward of the lower slots 8 the sides are formed with extensions which I will refer to as ears and which are indicated by the numeral 9 and the inner and rounded edges of the ears on the respective ends of the sides are notched and slotted, as at 10, respectively, the said slots being directed at opposite downward angles.

As disclosed by the dotted lines in Figure 1 of the drawings the slots or notches 7 have their sides arranged against the beveled inner walls of the lips of the ends 2 and

thereafter the sides are swung toward the ends to bring the lower notches 8 over the lips 4 of the ends. The inner walls provided by the notches 8 will rest on the shoulders 6 and will force the inner walls or terminals of the notches 7 into tight engagement with the inner walls of the lips 3 of the ends. In a like manner the side walls provided by the notches 7 and 8 exert a frictional engagement against the inner and outer faces of the ends 2 at the parts thereof formed with the lips 3 and 4.

The numeral 11 designates what I will term locking plates. Each of the plates, adjacent to its end and from one of its edges, is provided with a transverse notch 12. The notches 12 are designed to be received in the angle notches 10 of the sides 1 and to cause all of the walls provided by the notches 8 to exert a frictional engagement against the upper and lower faces of the plates 11 and likewise all of the walls provided by the notches 12 will exert a like engagement with the ears 9, inward of the notches 10. The locking plates 11, it will be noted, will effectively hold the corners of the crib or like article effectively connected, and the said article cannot have its parts separated until after the locking plates 11 are removed.

The locking plates are arranged at slight opposite inclinations and on the upper edges of the said plates there rests a bottom 13 for the crib. It will be obvious that the weight of the bottom 13 will have a tendency to slightly cant the locking plates 11 which only serves to bring the same into tighter frictional engagement with the ears 9 against the inner faces of the ends 2. The sides and ends are ornamented, as disclosed by the drawings, and the ends are formed with rockers 14.

It is thought the foregoing description when read in connection with the drawings will fully set forth the construction and advantages of my improvement to those skilled in the art without further description with the understanding that I do not wish to be restricted to the precise details herein set forth and do not wish to be restricted to proportion, size, shape, etc., and therefore may make such changes therefrom as fairly fall within the scope of what I claim.

Having described the invention, I claim:
An article of furniture comprising detachably associated parts including end portions, upper and lower projections formed on the opposite corners of the end portions, the inner edges of the upper projections being cut angularly and the inner edges of the lower projections being cut to provide straight shoulders, side portions cooperating with the end portions and having their upper and lower edges notched adjacent their

ends, the upper notches being received by the angular upper projections to permit the side portions to be freely swung on the end portions to bring the lower notches over the straight shoulders, ears formed with the sides inwardly of the lower notches and being notched at opposite downward angles, locking plates having notches entering from one edge thereof adjacent to their ends to be frictionally received in the notches of the ears and a bottom received by the locking plates.

In testimony whereof I affix my signature.

CHARLES CHOMIK.