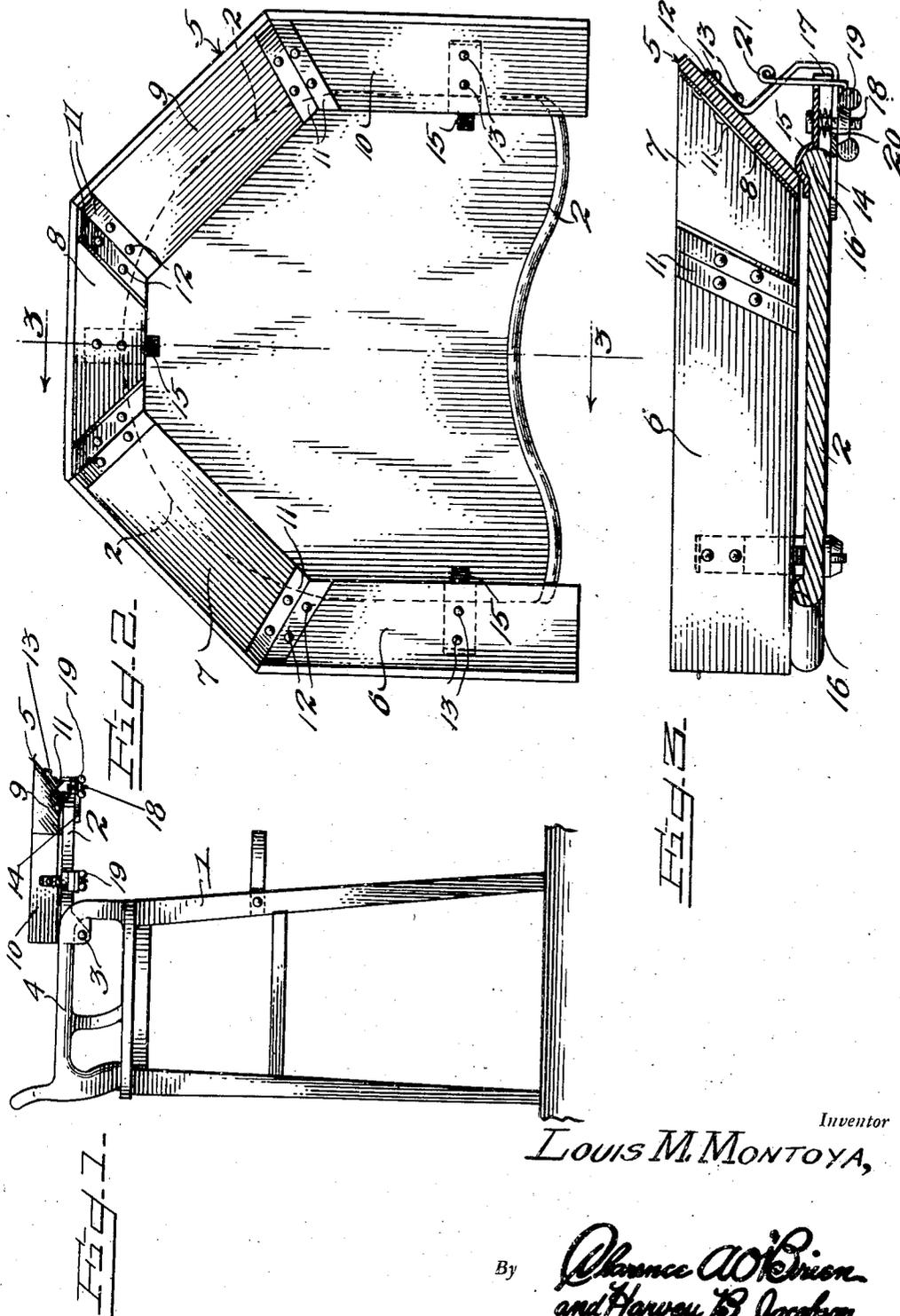


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L. M. MONTOYA  
HIGH-CHAIR TRAY ATTACHMENT

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## HIGH CHAIR TRAY ATTACHMENT

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1 Claim. (Cl. 155-127)

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This invention relates to improvements in high chair tray attachments, and more particularly to a guard rail or frame adapted to be clamped onto a high chair tray to prevent the dishes placed on the tray from being pushed off of the tray by an infant when sitting in the high chair while eating its meals.

An object of my invention is to provide an improved guard rail or frame adapted to be clamped about the outer edge of a high chair tray at feeding time, so that an infant will be less liable to push or knock the dishes from its tray, also the guard or frame may be equally well employed to assist in keeping a child's toys on the tray while he is playing.

A further object of my invention is to provide a highly efficient and relatively inexpensive high chair tray guard rail or frame which may be quickly and easily placed on a high chair tray when desired, and which may be just as quickly and easily removed when its use is no longer needed.

Other objects will appear as the description proceeds.

In the accompanying drawings which form a part of my application,

Figure 1 is a side elevation of a high chair showing my improved tray guard rail or frame in position thereon;

Figure 2 is a top plan view of my improved tray guard rail or frame in position on the tray, and

Figure 3 is a partial sectional view taken on the line 3-3 of Figure 2.

Like characters of reference are used throughout the following specification and the accompanying drawings to designate corresponding parts.

In carrying out my invention, I provide any suitable high chair 1 provided with the usual tray 2 which is pivoted at 3 between the side arms 4 of the chair and extends forwardly therefrom.

I have illustrated my improved tray guard rail or frame 5 as having five sides 6, 7, 8, 9 and 10, although it may be made in one integral piece if desired, and in any suitable shape to fit the desired high chair tray. The five sides are secured together by means of the angular metal braces 11 which are fastened to the side members by means of the screws 12.

For holding the guard rail or frame 5 upon the high chair tray 2, I employ three similarly constructed clamps secured to the opposite sides and to the outer end of the frame 5. Each clamp comprises a bracket member secured by the screws 13 to the outer surface of the sections, as clearly illustrated in Figures 1 and 3 of the drawings, and extends outwardly and downwardly and finally is bent inwardly as at 14 to engage the under surface of the tray 2. Each clamp is further provided with the clamping jaw 15 which is adapted to clamp over the head 16 of the tray 2,

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and is bent downwardly as at 17 to contact the upper surface of the portion 14 of the clamp. A headed and threaded bolt 18 extends through the jaw body 15 and through the inwardly bent portion 14 of the bracket member, and is adapted to receive the wing nut 19 on its lower end. A coil spring 20 is placed over the bolt 18 between the parts 14 and 15 to facilitate the opening of the clamp when the wing nut 19 is unloosened. Cotter pins 21 will be passed through aligned openings in the bracket member, the clamping jaws and the inwardly extending portions 14 of the bracket members and will be spread open to hold them in place and to prevent lateral movement between the bracket members and the clamping jaws.

From the foregoing description it will be seen that it is only a simple matter to secure the guard rail or frame to the high chair tray by tightening up on the wing nuts 19. Conversely, it is only necessary to unloosen the three wing nuts 19 to quickly remove the guard rail or frame from the tray.

Many minor changes in detail of construction may be resorted to without departure from the spirit of the invention.

Having thus described my invention what I claim as new and desire to secure by Letters Patent of the United States is:

In a high chair having a tray and a guard rail for the tray; a clamping means for removably retaining the guard rail on the tray comprising a plurality of brackets secured at their upper ends to the guard rail, inwardly bent extensions at the lower ends of said brackets and adapted to engage the lower face of the tray, clamping jaws overlying said extensions and adapted to engage the upper face of the tray, resilient means for holding said clamping jaws and extensions apart, and removable locking pins extending through said brackets, clamping jaws and extensions to prevent lateral movement between said brackets and said clamping jaws.

LOUIS M. MONTOYA.

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