

G. C. LYNCH.
ATTACHMENT FOR HIGH CHAIRS.
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1,103,597.

Patented July 14, 1914

Fig. 1.

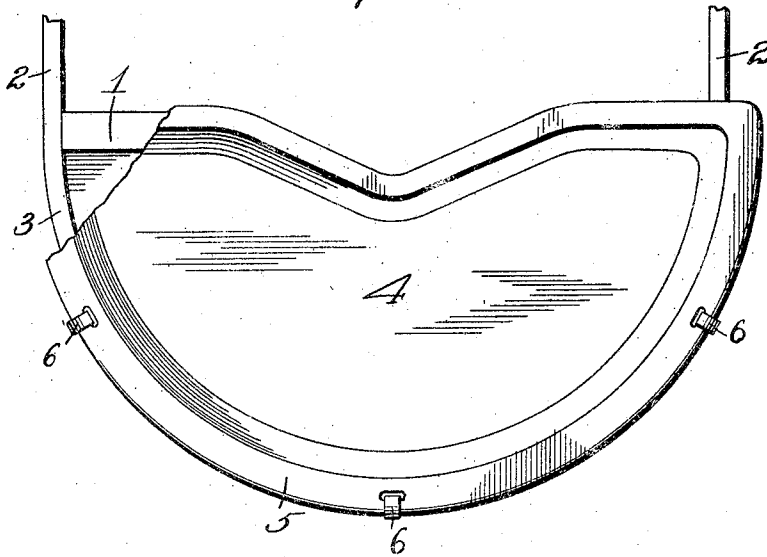


Fig. 2.

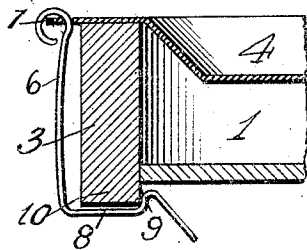
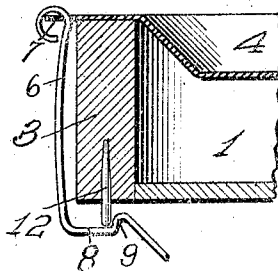


Fig. 3.



WITNESSES:

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ATTACHMENT FOR HIGH CHAIRS.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE C. LYNCH, of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Attachments for High Chairs; 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.

My invention contemplates the provision of an improved attachment for children's high chairs, having reference to the tray on which food is placed. As ordinarily constructed these high chairs are equipped with a forward extending apron of substantially semi-circular formation and usually of wood having extended side pieces which are pivoted to the frame of the chair to permit the apron to be turned back and allow the child to leave the chair. The apron is usually flat and formed at the edges with a rim or flange intended to prevent cups or plates from being pushed from the apron. Even though this be successfully avoided the food is continually spilling upon the apron and the particles collect in the corners, crevices and pores of the wood rendering it unsanitary especially because of the milk which usually forms part of the baby's diet. It is difficult, if not impossible, to thoroughly clean the tray unless some germicide be used and this is undesirable as it is apt to affect the food.

My invention consists of a supplemental tray preferably of metal, porcelain or other non-porous material, corresponding in shape and dimensions to the wooden apron and equipped with means for readily securing it to and removing it from the apron. This tray may be used as a dish, that is, food may be placed directly upon it and when removed it may be easily and thoroughly cleaned, leaving the apron, proper, clean and free for the use of toys or other entertainment as long as its owner may desire to remain in the chair.

In the accompanying drawing I have shown in Figure 1 a plan of an apron with the tray in place. Fig. 2 is a cross section, showing the tray attached to an apron having a rim around the edge of its under side, and Fig. 3 is a similar view showing the tray attached to an apron without such a rim.

Referring to the drawing, the apron indicated at 1 has the usual extended side pieces 2 adapted to be pivoted to a chair frame and formed with a flange 3 at its edges. The tray 4 corresponds in shape to the upper face of the apron 1, its central portion being depressed and surrounded by an upstanding rim or edge portion 5 which fits upon the flange 3.

In order to secure the tray to the apron the former is equipped with a plurality of clamps 6. These may be secured to the tray by stamping out the rim near its edge and turning the ends of the clamps over the narrow strip remaining as at 7. Toward their free ends the clamps are preferably bent inward as at 8 and this portion 8 is bent upward as at 9. When the apron is formed, as is usually the case, with a peripheral rim 10 on its under side as in the form shown in Fig. 2 the clamps are simply snapped over this rim, their angular portions 9 firmly holding the tray as against accidental displacement. When, however, this rim 10 does not exist and the under side of the apron has a plain uniform surface, as indicated in Fig. 3, then it is desirable to equip this side with metallic surfaces for engagement by the clamps. These are indicated at 12 in Fig. 3 and they may consist of small staples partly driven into the apron so that the angular portions of the clamps may snap over them in attaching or removing the tray.

Except for the staples 12, which may be readily attached and which may be sold with the tray, it is not necessary to alter the high chair in order to employ the tray. The latter obviates the use of all table attachments so that the chair may be used at or away from the table, and provides a simple and inexpensive means of insuring cleanliness.

The clamps may swing outward from the tray when engaging the apron. This movement relative to the tray enables the latter to be set in position as any dish or plate would be and locked or released without tilting the tray or moving it laterally.

I claim as my invention:—

1. The combination with a tray frame adapted to be secured to a child's high chair and to be shifted into and out of position between the arms thereof, of a metal tray fitted within said frame and having an upstanding edge portion provided with flanges

extending over and protecting said frame, and means for detachably securing said tray in position in said frame.

2. The combination with a tray frame or
5 apron adapted to be secured to a child's high chair and to be shifted into and out of position between the arms thereof, of a metal tray fitted within said frame and having an
upstanding edge portion provided with
10 flanges extending over and protecting said frame, and means for detachably securing said tray in position in said frame, said means comprising clamps carried by said
metal tray and adapted to be secured at the
15 lower edge of said frame.

3. The combination with a tray frame or apron adapted to be secured to a child's high chair and to be shifted into and out of

position between the arms thereof, said frame having a rim as 10 at its lower edge, 20 of a metal tray fitted within said frame and having an upstanding edge portion provided with flanges extending over and protecting said frame, and means for detachably securing said tray in position in said 25 frame, said means comprising clamps carried by said metal tray and adapted to engage the said rim of said frame.

In testimony whereof, I have signed this specification in the presence of two sub- 30 scribing witnesses.

GEORGE C. LYNCH.

Witnesses:

GRAFTON, L. MCGILL,
STEPHEN M. YEAMAN.