

UNITED STATES PATENT OFFICE.

ISAAC UNGER, OF IRON MOUNTAIN, MICHIGAN.

HIGH CHAIR.

No. 821,387.

Specification of Letters Patent.

Patented May 22, 1906.

Application filed July 3, 1905. Serial No. 268,095.

To all whom it may concern:

Be it known that I, ISAAC UNGER, a citizen of the United States, residing at Iron Mountain, in the county of Dickinson and State of Michigan, have invented a new and useful Improvement in High Chairs, of which the following is a specification.

My invention relates particularly to the tables or trays of high chairs; and my primary object is to provide a simple, inexpensive, and thoroughly-practicable construction for preventing a child from slipping from its chair or getting into a position liable to cause injury.

I accomplish my purpose by combining with a simple tray of integral construction a guard of integral construction depending from the rear edge portion of the tray to occupy a position directly in front of the child, sufficient space being preserved between the lower edge of the guard and the seat of the chair to allow the child to be seated comfortably, while at the same time the space beneath the tray is sufficiently constricted medially to effectually prevent the child's body from entering the same. The connection between the tray and chair may be of the well-known type permitting the tray to be swung vertically backwardly and forwardly over the child's head or of the other well-known type permitting the tray to be swung in a horizontal plane about a vertical pivot at one corner of the tray. In either case the tray and guard move as an integral construction, simple and light in form, and the guard is supported wholly by the tray and independently of the chair-seat.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a broken perspective view of a high chair embodying my improvement; Fig. 2, a broken perspective view of the tray and guard thereof; Fig. 3, a broken section taken as indicated at line 3 on Fig. 2, and Fig. 4 a perspective view of a guard of modified form.

In the construction shown in Figs. 1 to 3, inclusive, A represents a chair having the usual arms *a* and back *a'*, and B a table or

tray of well-known type, with which is combined my improved guard B'. In this construction the table is equipped with rearwardly-projecting arms *b*, which are shown formed integrally with a band or flange *b'*, applied to the front and side edges of the tray. The arms *b* are connected with the chair-back by pivots *b²* (one shown) in a well-known manner. The guard B' preferably comprises an integrally-formed wooden member having a flange-forming portion *b³* and a depending guard portion *b⁴*, occupying the central space beneath the rear edge of the tray. The central portion of the guard is bowed forwardly, as indicated at *b⁵*, to accommodate the child's body. As shown, the portion *b³* of the guard projects above the tray to form a flange, and screws or nails *b⁶* are employed to connect the guard rigidly to the tray, thus making it virtually an integral part of the tray. The material is cut away at points *b⁷* to accommodate the arms of the chair, and the guard is narrow enough at its body portion to enable the limbs of the child to pass comfortably beneath it when the table is in its closed position.

In the modification shown in Fig. 4, B² represents a guard having a body portion *c* with projecting relatively narrow end portions *c'*, equipped with vertical perforations *c²*. The upper edge of the guard is flat and adapted to contact closely with the lower surface of a tray, and the guard may be secured by screws or nails passing through said perforations and into the tray. The guard is preferably bowed forwardly at its central portion, as in the other construction. The modified form is particularly adapted for application to the tables of chairs of old form, while the preferred form is particularly adapted to new construction.

What I regard as new, and desire to secure by Letters Patent, is—

1. The combination with a chair provided with a seat and arms, and a tray of integral construction spanning the arms, of a guard applied to the rear edge portion of the tray, comprising a central body portion depending somewhat beneath the tray and clearing the

seat and relatively narrow end portions extending to near the chair-arms, for the purpose set forth.

2. The combination with a chair having a
5 seat and arms, and a movable integral tray spanning the arms, of a guard having a flange-forming portion applied to the rear edge of the tray and a depending guard por-

tion occupying the central space beneath the tray at a distance above the chair-seat, substantially as and for the purpose set forth.

ISAAC UNGER.

In presence of—
R. T. MILLER,
ALBERT LEVY.