No. 811,933. PATENTED FEB. 6, 1906.

J. KUGEL.

PROTECTIVE ATTACHMENT FOR INFANTS' HIGH CHAIRS.

APPLICATION FILED MAY 31, 1905.

Fig. 1.

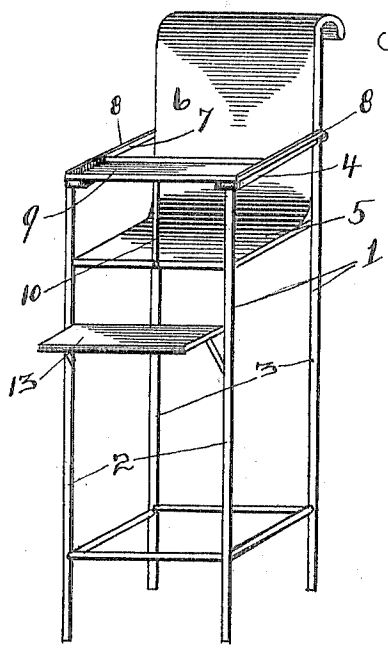


Fig. 2.

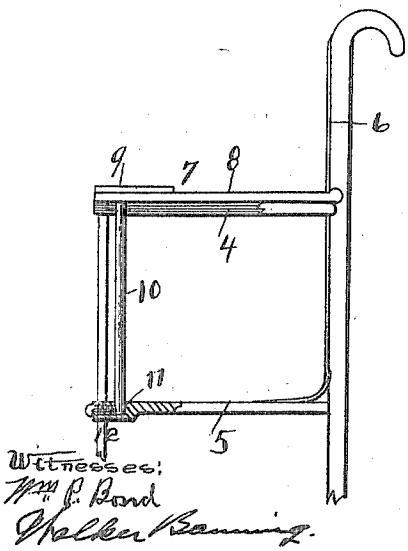
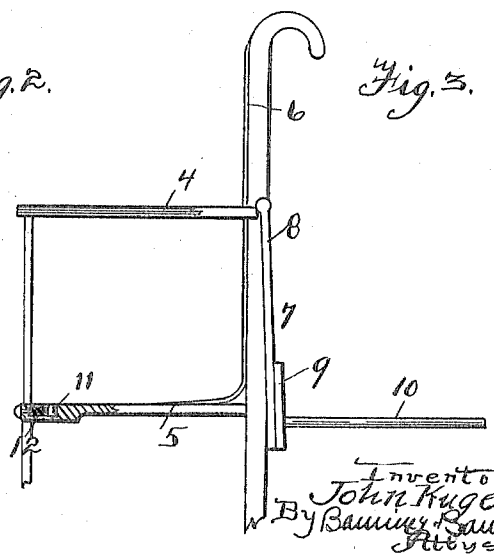


Fig. 3.



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PROTECTIVE ATTACHMENT FOR INFANTS' HIGH CHAIRS.

No. 811,933. Specification of Letters Patent. Patented Feb. 6, 1906.

Application filed May 31, 1905. Serial No. 262,994.

To all whom it may concern:

Be it known that I, JOHN KUGEL, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Protective Attachments for Infants' High Chairs, of which the following is a specification.

The object of this invention is to provide a protective support or upright for the swinging guard of an infant's high chair which shall likewise serve as a lock for preventing the raising by the infant of the swinging guard. The support or upright is located at such a point that it will not interfere with the infant's freedom or movement while in the chair, but will effectually prevent the infant from slipping out of the chair and falling to the floor.

The invention is so constructed that it is adapted for use with chairs of the ordinary construction and may be furnished therefor without any appreciable change or modification of the chair whatever.

The invention consists in the features of construction and combination of parts hereinafter described and claimed.

In the drawings illustrating the invention, Figure 1 is a perspective view of an infant's high chair, showing the device of the present invention; Fig. 2, a side elevation of the upper part of a chair, showing the swinging guard lowered and the protective upright locked; and Fig. 3, a similar view showing the swinging guard drawn back.

The device of the invention is employed in combination with an infant's high chair 1, having front legs 2 and back legs 3, and the legs are connected at their upper ends by means of arms 4 in the usual manner. The chair is completed by the provision of a seat 5 and back 6 of the usual character. The chair is provided with a swinging guard 7, consisting of side arms 8, pivoted at their rear ends to the upwardly-projecting portion of the back legs 3 of the chair, and the swinging arms are connected at their free ends by means of a guard-board 9, which likewise serves as a tray or shelf for the infant's use.

The device which more especially forms the subject-matter of the present invention is an upright pin or post 10, which is rigidly secured at its upper end to and movable with the guard-board 9, and at its lower end is adapted to be swung into a socket 11 in the forward edge of the side 5 of the chair and locked therein by any suitable means, though preferably a spring-lock 12 is employed. The guard post or pin when in locked position extends vertically from the center of the front edge of the seat to the swinging guard-board and is adapted to prevent the infant from slipping down under the guard-board and out of the chair. The legs of the infant are adapted to straddle the guard pin or post and rest upon a foot-rest 13 of the usual character, and the freedom or movement of the infant will be in no wise interfered with, while at the same time the safety of the child will be insured. By providing a lock of the character indicated the swinging guard-board and protective post or pin can be locked down to the seat of the chair after the infant has been placed therein, and the device of the present invention obviates the necessity for providing additional locking or fastening means for preventing the raising of the guard-board.

Although a spring-lock has been referred to in the specification, any other suitable locking means may be employed, such as a bolt or pin, without departing in any way from the spirit of the invention.

The device can be used on chairs of the ordinary construction, since no change or modification is required beyond the securing of the protective post or pin and the provision of a socket therefor.

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

1. In combination with an infant's high chair having side arms, a swinging guard provided with a cross guard-board pivoted to the back of the chair and adapted when lowered to rest upon the side arms and a guard post or pin rigidly secured at its upper end, and depending from the cross guard-board to the seat of the chair, and means for locking the lower end of the guard post or pin to the seat of the chair, substantially as described.

2. The combination with an infant's high chair having side arms, a swinging guard provided with side arms adapted when lowered to rest upon the side arms of the chair and pivoted to the back of the chair and a cross

guard-board secured to the arms, a depending protective post or pin rigidly secured at its upper end to the lower face of the cross guard-board and adapted to have its lower end inserted into a socket in the bottom of the chair and a spring-lock for automatically locking the guard post or pin at its lower end when inserted into the socket, substantially as described.

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