

M. STEIN.
 INFANT'S TOILET SEAT.
 APPLICATION FILED MAY 5, 1908.

932,592.

Patented Aug. 31, 1909.

Fig. 1.

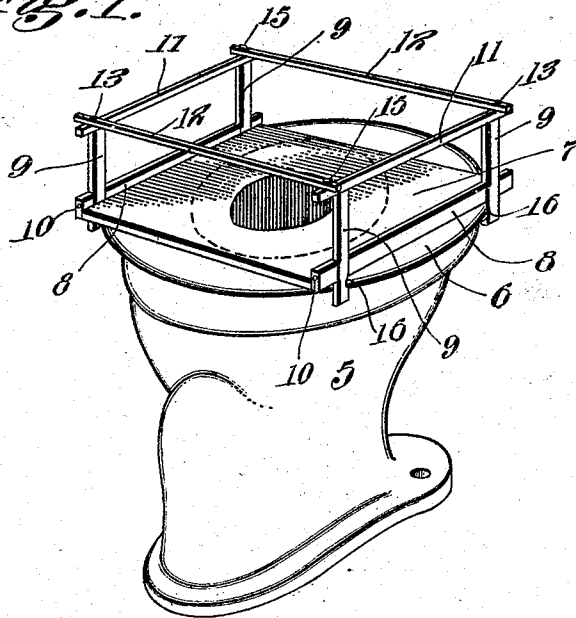


Fig. 2.

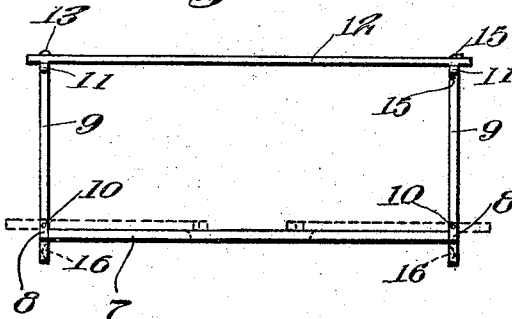


Fig. 3.

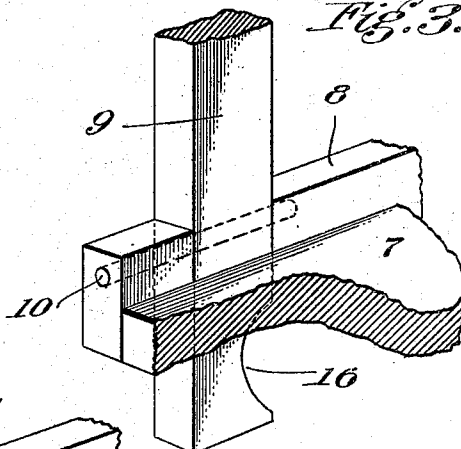
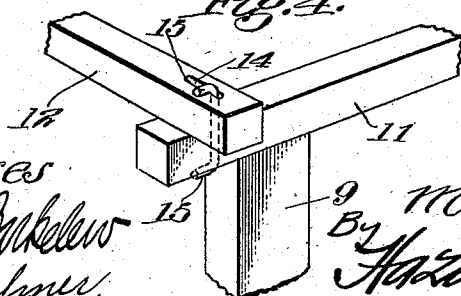


Fig. 4.



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INFANT'S TOILET-SEAT.

932,592.

Specification of Letters Patent.

Patented Aug. 31, 1909.

Application filed May 5, 1908: Serial No. 430,910.

To all whom it may concern:

Be it known that I, MAX STEIN, a citizen of the United States, residing at Santa Monica, in the county of Los Angeles and State of California, have invented new and useful Improvements in Infants' Toilet-Seats, of which the following is a specification.

The prime object of this invention is to provide an infant's toilet seat which may be readily secured to the usual toilet seat and which cannot be accidentally removed therefrom.

Another object is to provide a collapsible frame around the seat to hold the infant thereon, and in the construction of this device I have combined the collapsible frame with a locking means in such a manner that when the infant seat is placed upon the usual seat and the frame extended, the infant seat is locked so that it cannot be removed unless the upper frame is collapsed. Means are provided for holding the upper frame in a firm position so that the whole comprises a rigid structure.

I accomplish the above by means of the device described herein and illustrated in the accompanying drawings, in which:—

Figure 1,—is a perspective view illustrating the use of my invention. Fig. 2,—is a front elevation of the seat. Fig. 3,—is an enlarged fragmentary perspective of one of the lower joints of the frame of the seat. Fig. 4,—is a fragmentary perspective of one of the fastening devices for the frame.

In the drawings 5 designates a closet bowl provided with the usual seat 6 on which my improved infant seat is mounted as shown in Fig. 1.

The improved seat consists of a base 7 which is of general square configuration and is provided with two rails 8, one secured to each of its lateral edges. Hinged to each of rails 8 are two normally upright posts 9, a detailed illustration of the hinge being shown in Fig. 3. From this figure it will be seen that the hinge is formed on a pivot 10 inserted into rail 8 and that post 9 is set into the rail. Pivot 10 is at such a distance above base 7 that, when the post is turned downwardly into the position shown in dotted lines in Fig. 2, it will rest flat upon the base. The upper ends of posts 9 are joined by side rails 11 rigidly attached to the posts. Each of side rails 11 is provided with a front or rear rail 12 pivoted thereto at one end, as

at 13. The other end of the rail is provided with a slot 14 through which a small wire catch 15 mounted on the other end of side rail 11 is adapted to engage as in Fig. 4. When it is desired to collapse the frame front and rear rails 12 are swung around until they lie directly over side rails 11 and their free ends are then fastened by means of catches 15 so that they rest along and are held tightly against the side rails to which they are pivoted. Both side structures may be swung into the position shown in dotted lines in Fig. 2 and the seat is then in a convenient flat form for laying aside.

Each of posts 9 extends below base 7 for a suitable distance as illustrated and is provided with a notch 16 on its innermost corner adapted to engage with the edge of the usual closet seat as shown in Fig. 1. When the upper frame is expanded to the position shown in Fig. 1 the seat is gripped tightly between the notches in the lower ends of the posts and the whole structure is thereby prevented from being accidentally disengaged from the seat. It will further be noted that the seat may be attached directly to the closet bowl instead of to the large seat, it not being necessary that the large seat should be used. In this case the rolled edge of the bowl is gripped between the notches in posts 9, the position of the infant seat being substantially the same as illustrated.

From the foregoing description it will be seen that I have provided an infant's toilet seat which is extremely convenient in its construction and use, being capable of folding into a small space so that it may be placed aside and out of the way, and being rigid in construction when in use. The means for forming the upper frame so that it may be folded is simple and therefore is not liable to become disordered. The front and rear rails are preferably of the same length as the side rails and the whole seat is therefore preferably of a general square configuration but it is not necessary that it should be so made, any other rectangular base being equally efficient.

Having described my invention what I claim as new and desire to secure by Letters Patent is:—

1. A device of the class described adapted for placement upon a closet seat, comprising a base, and folding side frames pivoted to

said base, said side frames provided with downward projections adapted to engage with the closet seat.

2. A device of the class described adapted for placement upon a closet seat, comprising a base, side frames pivotally mounted on said base, said side frames provided with downward projections adapted to engage with the closet seat, and front and rear connecting means pivoted to said side frames.

3. The combination with a closet-bowl, of a main seat having a relatively large opening therethrough, a supplementary seat having a relatively small opening therethrough, side frames movably mounted on said supplementary seat, and a locking means formed on said side frames, said means adapted to engage with the main seat when the side frames are in their extended positions.

4. The combination with a closet bowl, of a main seat having a relatively large opening therethrough, a supplementary seat having a relatively small opening therethrough, side frames pivotally mounted on said supplementary seat, a locking means formed on said side frames, said means adapted to engage with the main seat when the side frames are in their extended positions, and means to prevent the collapse of said side frames when in their extended positions.

In witness that I claim the foregoing I have hereunto subscribed my name this 28th day of April, 1908.

MAX STEIN.

Witnesses:

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OLLIE PALMER.