

No. 870,833.

PATENTED NOV. 12, 1907.

F. H. LINDENBERG.

CLOSET SEAT.

APPLICATION FILED DEC. 31, 1906.

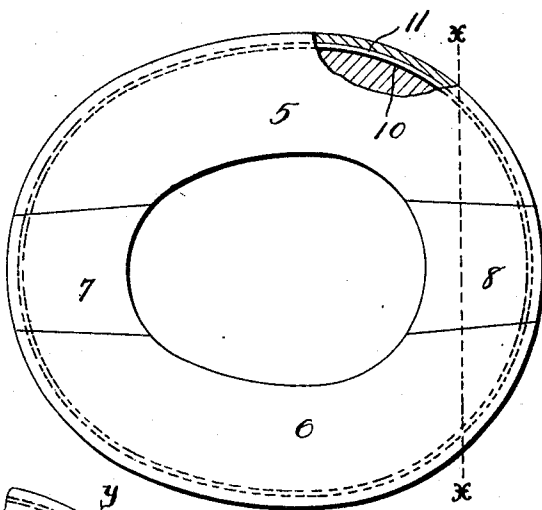


Fig. 1.

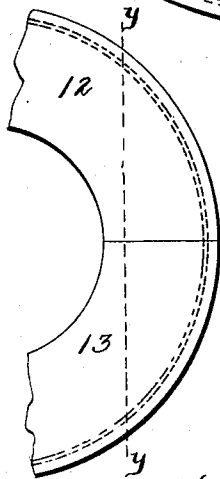


Fig. 2.

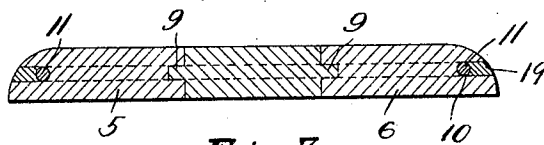


Fig. 3.

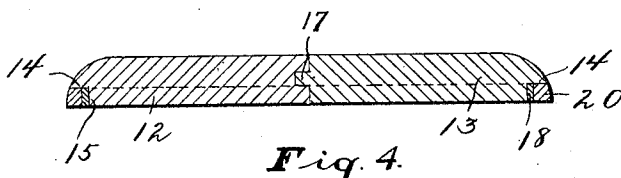


Fig. 4.

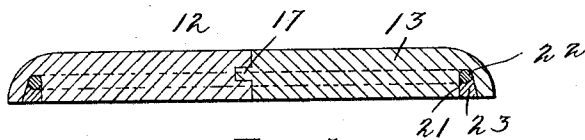


Fig. 5.

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UNITED STATES PATENT OFFICE.

FRANK H. LINDENBERG, OF COLUMBUS, OHIO.

CLOSET-SEAT.

No. 870,833.

Specification of Letters Patent.

Patented Nov. 12, 1907.

Application filed December 31, 1906. Serial No. 350,141.

To all whom it may concern:

Be it known that I, FRANK H. LINDENBERG, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Closet-Seats, of which the following is a specification.

My invention relates to closet seats and has for its object the provision of a device of this character composed of a plurality of sections, together with improved means for binding said sections together in such manner that the parts will not become loosened by continued exposure to moisture.

A further object of the invention is to accomplish the foregoing objects in a simple and inexpensive manner.

Further objects and advantages of the invention will be set forth in the detailed description which now follows.

In the accompanying drawing: Figure 1 is a plan view partially in section of one form of the device, Fig. 2 is a fragmental plan view of a modified form, Fig. 3 is a transverse section upon line *x x* of Fig. 1, Fig. 4 is a transverse section upon line *y y* of Fig. 2, and, Fig. 5 is a transverse section illustrating a modified arrangement of the binding wire or band.

Like numerals designate corresponding parts in all of the figures of the drawing.

Referring to the drawing, the numerals 5 and 6 designate like side sections of a closet seat. Wedge sections 7 and 8 complete the seat and provide means for forcing the sections 5 and 6 away from each other when said wedges are driven into position. By referring to Fig. 3, it will be seen that these wedge sections have tongue and groove engagement with the side sections as is illustrated at 9. A peripheral groove 10 is formed entirely around the edges of these sections and a preferably metallic band 11 is located in this groove. In assembling this form of the device, the side sections are first engaged with the band 11, after which the wedge sections 7 and 8 are driven into position. This forces the side sections 5 and 6 away from each other and causes all of said sections to bind tightly upon the band 11 which is an endless and preferably metallic ring.

In the form of the device illustrated in Figs. 2 and 4, the wedge sections are omitted, the side members 12 and 13 being cut away as at 14 to provide a shoulder or depending flange 15. The side sections have dovetailed engagement with each other as at 17 and after these sections have been engaged with each other, a band 18 is forced over the depending flange 15, said band being made small enough to require considerable power in forcing it into this position. After it has been

forced into position, it serves to securely bind the sections 12 and 13 together. Filling strips 19 and 20 may be used to conceal and inclose the bands 11 and 18, these filling strips not only imparting the desired finish to the seat, but also effectually protecting the bands from moisture, which would cause them to rust.

In the form of the device illustrated in Fig. 5, the sections 12 and 13 have their under faces grooved as at 21, a band 22 being forced into these grooves in the same manner that the band 18 is forced into position in Fig. 4. A filling strip 23 protects this band from moisture.

From the foregoing description, it will be seen that by virtue of the construction herein shown and described, a closet seat is provided which is made of a plurality of sections, said sections being securely held together without the use of glue, nails or screws.

It is a well known fact that the continuous exposure to moisture to which these closets seat are subjected, tends to warp them and to cause them to split. It is an object of the present invention to prevent this warping and splitting and this object is accomplished by making the seat in sections and having the endless band which surrounds the sections and is adapted to bind all of said sections firmly together.

While the elements shown and described are well adapted to serve the purposes for which they are intended, it is to be understood that the invention is not limited to the precise construction set forth, but includes within its purview such changes as may be made within the scope of the appended claims.

What I claim, is:

1. A closet seat comprising side sections, means for forcing said side sections away from each other, and an endless band surrounding said side sections.

2. A closet seat comprising a pair of side sections having grooved outer edges, an endless band which is received in said grooved outer edges, and means for forcing said sections away from each other.

3. A closet seat comprising a pair of side sections having grooved outer edges, an endless band adapted to be received in said grooves, and a wedge section adapted to force said side sections away from each other, said wedge section having a grooved outer end which is also adapted to engage said band.

4. A closet seat composed of a plurality of sections, wedge members adapted to force said sections away from each other, said sections and said wedges having a groove formed therein, and an endless metallic band adapted to lie in said groove and to bind all of said sections together.

In testimony whereof I affix my signature in presence of two witnesses.

FRANK H. LINDENBERG.

Witnesses:

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