Sept. 22, 1931. H. P. DE CORREVONT 1,824,537

ARTICLE COVERED WITH SHEET PYROXYLIN

Filed Aug. 6, 1928

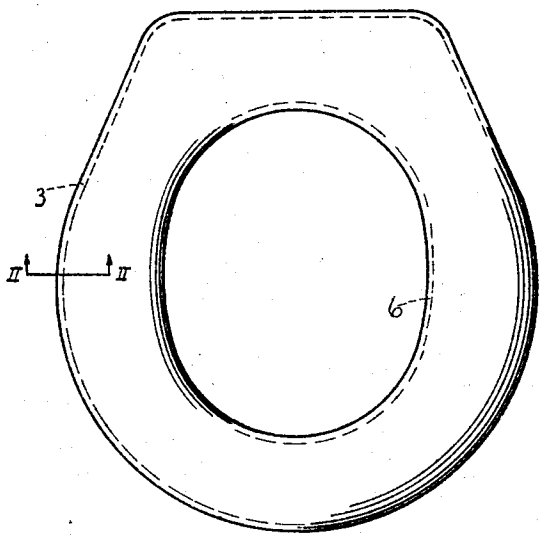


FIG. 1

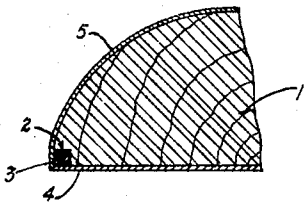


FIG. 2

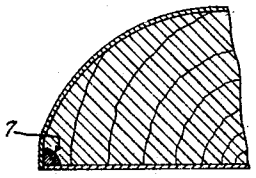


FIG 3

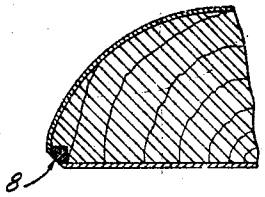


FIG. 4

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ARTICLE COVERED WITH SHEET PYROXYLIN

Application filed August 6, 1928. Serial No. 297,904.

This invention relates to the covering with sheet pyroxylin, or the like, of articles having somewhat sharp edges, where it is desired to securely join the meeting edges of sheets of the covering material, at which edges the covering is naturally more liable to wear through than at other parts of the surface of the article.

One object of the invention is to provide a core in an article of the type described with an edge which is cut away in such a manner as to provide space for a strip of pyroxylin for securing the exterior edges of pyroxylin sheets constituting a covering for the core.

Another object of the invention is to provide an article coated with sheets of pyroxylin of uniform thickness at substantially all points and having the edges thereof united by a strip of similar material.

A further object of the invention is to provide a seat of the type referred to which is especially strong and durable.

Other objects and advantages will appear as the description proceeds.

Referring to the accompanying drawings:

Fig. 1 is a plan view of a closet seat embodying my invention;

Fig. 2 is a section of the same on the line II—II of Fig. 1, part of the seat being broken away; and

Figs. 3 and 4 are views similar to Fig. 2 but illustrating modified forms of my invention.

Although the drawings show the invention as embodied in a closet seat, this article was selected only as conveniently illustrating the invention, as it may be embodied in other articles having somewhat sharp edges, such as the cover of a closet seat, a mirror frame, shelf, bathtub seat, or the like. It will be understood that my invention applies to the covering of any article having a somewhat sharp edge at which sheets of the covering are to be joined.

The core 1 of the closet seat has a somewhat sharp outer edge which is provided with a recess 2 extending therealong throughout the entire periphery of the seat. A strip of pyroxylin 3 extends along the edge and is received in and fills the recess. The bottom of the seat is flat and is covered with a sheet of pyroxylin 4, and a similar sheet 5 covers the curved top surface of the core and extends down over the strip 3 into abutting relation with the sheet 4.

The core has also a similar edge 6 extending around the opening in the seat and the joint of the pyroxylin sheets at the latter edge is similar to the one just described.

The improved coating is applied as follows: The walls of the recess 2 are coated with an adhesive and the strip 3 is then secured in position and the adhesive is permitted to dry. The sheet 4 is then secured to the bottom of the core by an adhesive, which is permitted to dry, after which the outer edge of the sheet is trimmed off to bring it flush with the outer surface of the strip 3. The sheet 5 is then secured to the upper surface of the core by an adhesive and is brought down so as to abut against and extend beyond the sheet 4, after which it is trimmed off so as to be flush with the surface of the latter sheet.

Pyroxylin coatings for articles are usually quite thin and have heretofore been of such character as to readily break and wear away at sharp edges. The substantial thickness of the reinforcing strip 3 in the improved joint eliminates this weakness and provides an especially strong and durable construction. The sheets 4 and 5, being of substantially uniform thickness, have no weakened portions such as would result from feathering, as has been done heretofore in making joints for pyroxylin sheets. Again, the pyroxylin sheets are not bent angularly in such a manner as would cause danger of cracking, and thus a defect of prior constructions has been obviated.

Although the walls of the recess 2 have been shown as disposed angularly with respect to each other, it is not necessary that they have this shape, as the wall may be curved as shown at 7 in Fig. 2, or have other forms if desired.

Again, the outer edge of the completed article may be trimmed off as shown at 8 in Fig.

4 to produce a more durable joint by removing the sharp corner.

With this construction it is not necessary to form the butt joint of the sheets 4 and 5 as shown in Fig. 2 with extreme care, as this joint is trimmed away as described leaving the edges of the pyroxylin sheets spaced apart.

This construction has the further advantage that it may be used to enhance the appearance of the seat, as the reinforcing strip may be given a different color from the coating and the contrast of the colors is attractive to the eye.

The invention is not limited to the specific details of the embodiments illustrated and described, but further modifications are contemplated within the scope of the invention. For instance, the coating shown in Fig. 4 may be composed of other substances than pyroxylin. If desired, hard rubber might be used instead of the pyroxylin sheets, the reinforcing strip being of a different color if desired.

A substantial range of equivalents is contemplated within the scope of the appended claims.

What I claim as new and desire to protect by Letters Patent is:

1. In a pyroxylin-covered article, the combination with a core having an edge provided with a recess, of sheets of pyroxylin covering said core and meeting at said edge, and a reinforcing strip of similar material extending longitudinally of said edge and received in said recess, said core and sheets and reinforcing strip being united adhesively.

2. In a pyroxylin-covered article, the combination with a core having an edge provided with a longitudinally extending recess, of a reinforcing strip of pyroxylin extending along said edge and received in said recess, and sheets of pyroxylin of uniform thickness at substantially all points covering said core and said reinforcing strip, said core and sheets and reinforcing strip being united adhesively.

3. In a pyroxylin covered article having an exposed edge, the combination of a core similar in shape to the article and recessed at one edge, a reinforcing strip of pyroxylin secured to the core within said recess, exposed faces of said strip being flush with adjacent surfaces of the core, and sheets of pyroxylin adhesively secured to the core and said strip.

In testimony whereof I hereunto subscribe my name.

HOWARD P. DE CORREVONT.