

G. H. SWEZEY.
ARTICLE COVERED WITH SHEET CELLULOID.
APPLICATION FILED JUNE 30, 1911.

1,101,972.

Patented June 30, 1914.

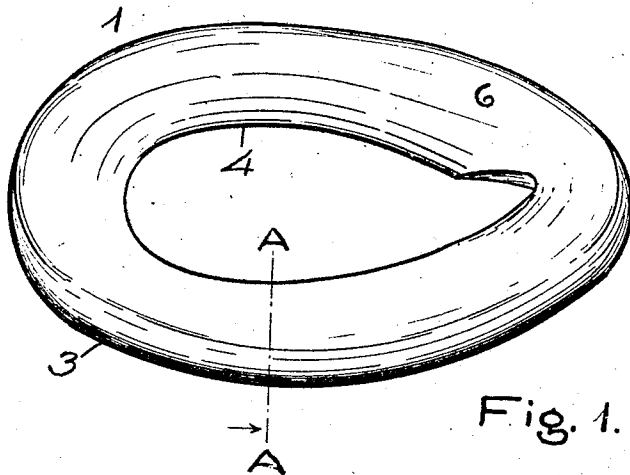


Fig. 1.

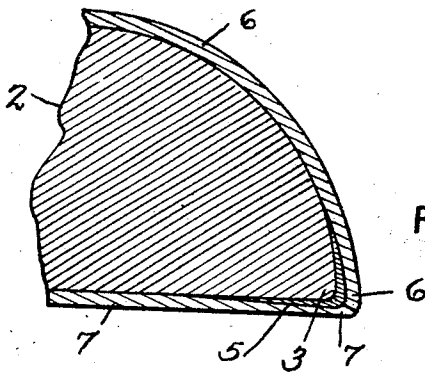


Fig. 2.

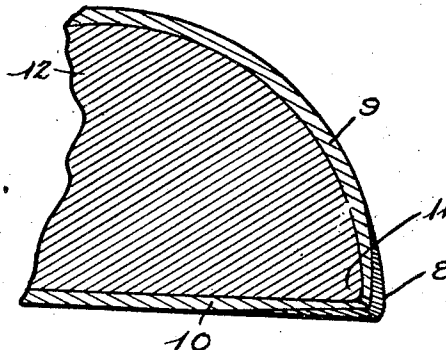


Fig. 3.

WITNESSES

Cornelius Gabriszki.
Francis A. Blodgett.

INVENTOR:

George H. Swezey.
BY *Russell M. Everett,*
ATTORNEY.

UNITED STATES PATENT OFFICE.

GEORGE H. SWEZEY, OF NEWARK, NEW JERSEY.

ARTICLE COVERED WITH SHEET-CELLULOID.

1,101,972.

Specification of Letters Patent.

Patented June 30, 1914.

Application filed June 30, 1911. Serial No. 633,271.

To all whom it may concern:

Be it known that I, GEORGE H. SWEZEY, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain Improvements in Articles Covered with Sheet-Celluloid, of which the following is a specification.

This invention relates to the covering with sheet celluloid 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 and at which edges the covering is naturally more liable to wear through than at other parts of the surface of the article.

The objects of the invention are to obtain a strong and secure joining of the adjacent edges of sheets of celluloid or the like at such sharp edges of articles to be covered; to secure durability and strength at such sharp edges of the articles; to thus produce a practical and salable covering, and to obtain other advantages and results as may be brought out in the following description.

Referring to the accompanying drawings, in which like numerals of reference indicate the same parts throughout the several figures, Figure 1 is a perspective view of a closet seat covered with celluloid according to the present invention; Fig. 2 is a partial section of the same on line A, Fig. 1, looking in the direction indicated by the arrow, the scale being enlarged and the different parts of the covering exaggerated to illustrate the invention, and Fig. 3 is a similar sectional view illustrating a slightly modified construction.

In said drawings, I have shown my invention embodied in a covered closet seat, but have selected a closet seat only as a convenient article for illustrating the invention; I could just as well have selected any other article having a somewhat sharp edge, such as a bath stool top, a medicine cabinet door, a mirror frame, shelf, bath-tub 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 closet seat 1 which I have shown has a core of wood, designated by reference numeral 2, and the outer edge of said core adjacent to the plane of its base or under side is somewhat sharp, as at 3. There is also a similar sharp edge around the opening of

the seat, as at 4, also adjacent to the bottom plane of the seat, but both the inner and outer upper edges are rounded, as shown. Both said sharp edges, or all sharp edges on any given article, are treated alike and therefore a description of one, as the edge 3, will suffice.

My improved covering is applied as follows. A strip of celluloid is applied longitudinally to the edge 3, and bent down over the same, to bring its marginal portions flat against the adjacent portions of the upper and lower surfaces of the core 2, as shown. This strip is cemented to the core by any suitable adhesive, and, after drying, is beveled at its edges by rasping or sand-papering, so as to produce the reinforcing strip 5 illustrated. The thickest portion of the reinforcing strip is directly over the edge 3, and it presents broad margins or wings of tapering thickness upon the top and bottom surfaces of the core adjacent to said edge. Upper and lower sheets 6 and 7, of celluloid are then applied to the upper and lower surfaces of the core 2, said sheets abutting at their meeting edges along the sharp edge 3 of the core outside the middle thick portion of the reinforcing strip. Said upper and lower sheets 6, 7 are cemented to the core by any suitable adhesive, preferably one which slightly dissolves the surface of the covering to which it is applied, so that where two celluloid surfaces come together they mold integrally together, and after drying, the meeting margins of said sheets are rasped or sand-papered to form a smooth even edge for the completed seat. The inner edge 4 having been done like the outer edge described, it is evident that by my invention a construction is secured which not only strengthens the joint of the abutting edges of the upper and lower sheets, but also thickens or reinforces the covering at the sharp edges of the core where wear will naturally be greatest.

In Fig. 3 I have shown a reinforcing strip 8 applied to the outside of the joint of the edges of the upper and lower sheets 9, 10, where they abut along the edge 11 of the core 12. This reinforces the joint and gives increased strength against wear upon the edge of the article, but it is harder to make a good job this way than with the preferred arrangement of the reinforcing strip on the inside. The strip and sheets which are employed may be celluloid pyroxylin, or any

suitably plastic material which is employed in the art for such coverings, and I do not wish to be understood as restricting myself by the use of the word "celluloid".

5 Having thus described the invention, what I claim is:

10 In a celluloid covered article having an exposed edge which receives more wear than the rest of the surface of the article, the combination of a core having an edge corresponding to said edge of the article, sheets of celluloid having tapered margins with their edges abutting each other upon said edge of the core and adhesively secured to

each other, and a reinforcing strip of sheet 15 celluloid extending longitudinally of said edge of the core with tapered margins overlapping at opposite sides of said edge upon the said tapered margins of the sheets, said sheets and reinforcing strip being 20 united adhesively, whereby the joint of said sheets is strengthened and the covering thickened at said edge of the article to resist the wear thereat.

GEORGE H. SWEZEY.

Witnesses:

CORNELIUS ZABRISKIE,
FRANCES E. BLODGETT.