

Sept. 2, 1924.

W. P. PITT

1,506,997

COVER BOARD AND METHOD OF MAKING SAME

Filed March 28, 1921

Fig 1

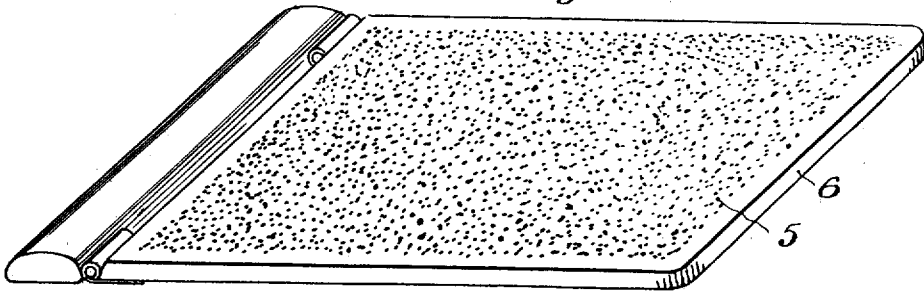


Fig 2

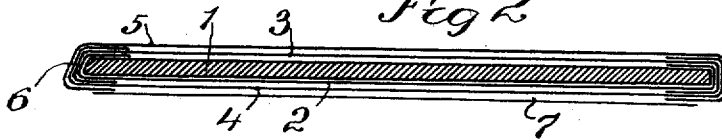


Fig 3



Fig 4

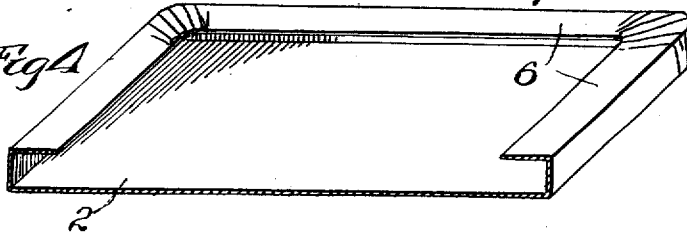
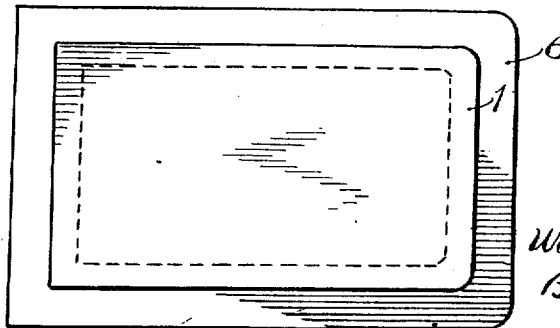


Fig 5



Witness:

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Patented Sept. 2, 1924.

1,506,997

UNITED STATES PATENT OFFICE.

WILLIAM P. PITT, OF KANSAS CITY, MISSOURI, ASSIGNOR TO IRVING-PITT MANUFACTURING COMPANY, OF KANSAS CITY, MISSOURI, A CORPORATION OF MISSOURI.

COVER BOARD AND METHOD OF MAKING SAME.

Application filed March 28, 1921. Serial No. 456,173.

To all whom it may concern:

Be it known that I, WILLIAM P. PITT, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented a certain new and useful Improvement in Cover Boards and Method of Making Same, of which the following is a specification.

My invention relates to improvements in cover boards and method of making same.

The object of my invention is to provide a novel cover board adapted for book or binder covers, which is ornamental, has great durability, is cheap to make and which will not warp.

My invention provides further a novel method of making a cover board.

The novel features of my invention are hereinafter fully described and claimed.

In the accompanying drawings which illustrate my improved cover board,

Fig. 1 is a perspective view of my improved cover board shown attached to a temporary binder member.

Fig. 2 is a longitudinal vertical sectional view of my improved cover board.

Fig. 3 is a cross section of the same.

Fig. 4 is a perspective view of a portion of one of the enveloping members.

Fig. 5 is a plan view of one of the enveloping members before its marginal portions have been folded over the body member, the latter being shown mounted on the enveloping member.

Similar reference characters designate similar parts in the different views.

1 designates a flat body member, which may be of ordinary thick card board. 2, 3, 4 and 5 designate respectively a plurality of layers of relatively hard rigid material, such as vulcanized fiber, which form enveloping members alternate ones of which respectively embrace opposite sides of the body member, each enveloping member being glued to and made integral with the body member, and each enveloping member having marginal portions 6 which are extended from one side of the body member around the edges thereof and are glued to the other side of the body member.

In the making of the cover board, the several layers are consecutively applied after having been sufficiently softened to enable the marginal portions being folded. The enveloping member 2, while in a softened or

plastic condition and in the flat form, as shown in Fig. 5, is glued to the under side of the body member 1. The marginal portions 6 are then folded, while soft, around the edges of the body member and glued to the upper side of the body member.

The member 3 is then glued to the upper side of the body member 1 and has its softened marginal portions 6 folded around the edges of the body member and glued to the under side of the member 2.

The member 4 is then glued to the under side of the member 2, and its marginal portions 6 are then folded over the edges of the body member and are glued to the upper side of the member 3.

The member 5 is then glued to the upper side of the member 3 and its marginal portions 6 are folded over the edges of the body member 1 and are glued to the under side of the member 4. As an inner finish a lining sheet 7 may then be glued to the under side of the member 4 and to the under sides of the portions 6 of the member 5.

The members are then permitted to dry and harden, thereby becoming integral with each other. Owing to the manner of applying the enveloping members alternately to opposite sides of the body member, the enveloping members on drying will not warp the body member, but the structure will retain its smooth flat form, and will have great durability. It may be embossed to simulate morocco leather and has an ornamental appearance.

Modifications, within the scope of the appended claims, may be made without departing from the spirit of my invention.

What I claim is:—

1. A cover board comprising a flat body member and two enveloping members, having body portions at opposite sides respectively of said body member, and each enveloping member having a marginal portion extending around the edges of the body member and overlapping and contacting with both sides thereof, one of said enveloping members embracing the other enveloping member at both sides of the body member, said three members being integrally connected, said overlapping marginal portions of the two enveloping members being at opposite sides respectively of said body member.

2. A cover board comprising a flat body

member, and two relatively hard and rigid enveloping members respectively embracing opposite sides thereof and integral therewith, each enveloping member having marginal portions extending from one side of the body member around the edges thereof to and embracing the other side of the body member, substantially as set forth.

3. A cover board comprising a flat body member, and two vulcanized fiber enveloping members respectively embracing opposite sides thereof and integral therewith, each enveloping member having marginal portions extending from one side of the body member around the edges thereof to and embracing the other side of the body member, substantially as set forth.

4. A cover board comprising a flat body member, and a plurality of layers of relatively rigid enveloping members, each having marginal portions extending from one side of the body member around the edges thereof and embracing the other side of the body member, the enveloping members being integral with the body member, alternate enveloping members respectively embracing opposite sides of the body member, substantially as set forth.

5. A cover board comprising a flat body member, and a plurality of layers of vulcanized fiber enveloping members, each having marginal portions extending from one side of the body member around the edges thereof and embracing the other side of the body member, alternate enveloping members respectively embracing opposite sides of the body member, the enveloping members being integral with the body member, substantially as set forth.

6. A cover board consisting of a flat body member, and two vulcanized fiber enveloping members which while in a relatively softened condition have been respectively glued to opposite sides of the body member, each enveloping member having marginal portions which while in a softened condition have been extended from one side of

the body member around the edges thereof and glued to the other side thereof, substantially as set forth.

7. The method of making a cover board consisting in gluing, while in a softened condition, to opposite sides of a flat body member two vulcanized fiber enveloping members having marginal portions extending beyond the edges of the body member, and folding said marginal portions while in a softened condition around the edges of the body member and gluing said marginal portions to opposite sides of the body member, substantially as set forth.

8. The method of making a cover board consisting in gluing consecutively to opposite sides of a body member a plurality of layers of vulcanized fiber enveloping members, and folding, while in a softened condition, marginal portions of each enveloping member around the edges of the body member and gluing said marginal portions to the other side of the body member, substantially as set forth.

9. In a cover board, a plurality of relatively thin layers of relatively hard material made integral with each other, each layer having folded over marginal portions, and a flat body member, some of the layers being disposed at one side of the body member and the other layers being at the other side of the body member, the marginal portions of each layer extending from one side of the body member and overlapping the opposite side of the body member, substantially as set forth.

10. In a cover board, two layers of relatively hard material having respectively oppositely facing folded over marginal portions, one of the layers embracing the marginal portions of the other layer and having its marginal portions overlapping and embracing the opposite side of the other layer, substantially as set forth.

In testimony whereof I have signed my name to this specification.

WILLIAM P. PITT,