Sept. 10, 1935. N. C. BUTLER ET AL 2,013,741

TILE DISPLAY PANEL

Filed Feb. 13, 1934

FIG. 1.

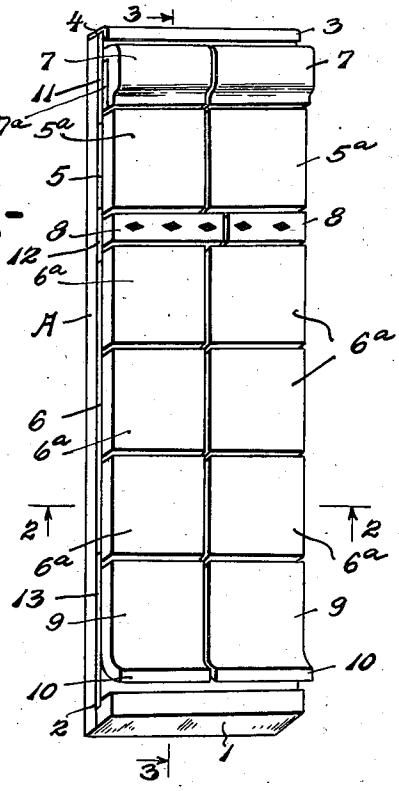
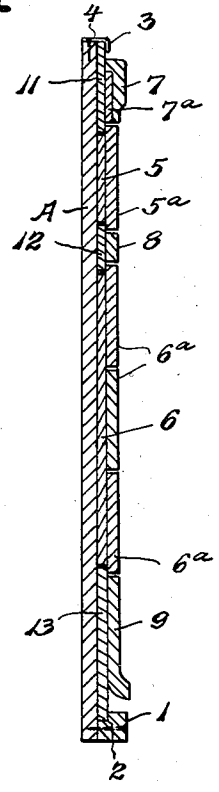


FIG. 3.



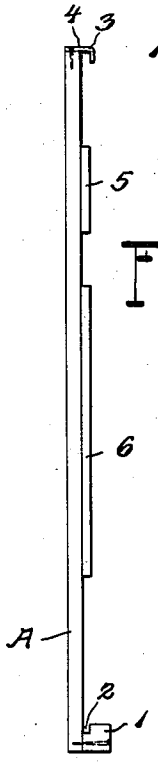
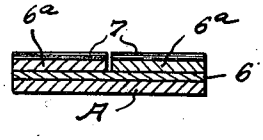


FIG. 4.

FIG. 2.



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Patented Sept. 10, 1935 2,013,741

UNITED STATES PATENT OFFICE

2,013,741

TILE DISPLAY PANEL

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Application February 13, 1934, Serial No. 711,076

7 Claims. (Cl. 35—53)

The present invention has to do with the art of tiles, especially colored tiles, and involves primarily means for facilitating the display of such tiles for sales purposes.

At the present time, dealers and others, who have to do with the selling of tiles, find it desirable and necessary to display the tiles as they appear in an actual installation such as might be made in a building, kitchen, lavatory, bathroom, or similar place. Of course, it is well known that different persons have different tastes in reference to the combinations of colors of the tiles to be installed, and in view of the use of colored tiles, many different combinations may be achieved in various installations, the particular combination being dependent upon the particular use to which the tiles are put in reference to the kind of room or compartment, the walls of which are to be equipped with tiling.

Heretofore the dealer has usually equipped himself with a number of different panels having differently colored tiles in color combinations thereon, one color combination permanently applied to each panel. This type of panel construction requires the employment of quite a number of panels, if a suitable number of tile combinations are to be displayed.

The primary object of our present invention has been to devise a display panel for tiles, on which is permanently mounted a main body or field section or sections of tile, with removable sections of colors different from the color of the tiles of the main body or field sections. In its preferred embodiment, the removable tile sections may be characterized as a cap section, an ornamental strip section, and a base section, but, of course, we do not wish to be limited to any particular terminology or construction in reference to the type of removable sections employed.

More specifically speaking, in the carrying out of the invention, we utilize a panel comprising a base. Upon this base is mounted permanently an attachment plate or member having secured thereto in a permanent manner, the main field section of tiles. If desired more than one attachment plate or member may be utilized to secure the tiles of the main section to the base of the panel. Two such plates or members are preferably utilized in spaced relation so that an ornamental tile strip section may be removably mounted therebetween in combinations of different colors.

At the top of the panel we provide a cap or crown section consisting of a removable attachment plate or member having cap tiles secured thereto. In a similar way, at the lower part of the base is provided an attachment member for base tiles, which usually are of different color from the coloring of the tiles of the main field or body section or sections.

Another object in view in carrying out our invention has been to produce a simplified construction of panel, carrying permanently applied tiles of the body or field section, and easily removable and replaceable attachment members which will carry the cap or crown tiles, the ornamental strip tiles, and the base tiles, all usually of different colors contrasting with the color of the main field tiles.

A full understanding of the invention will be had upon reference to the following description in conjunction with the accompanying drawing, in which:—

Figure 1 is a perspective view of a tile panel embodying the principal features of our invention.

Figure 2 is a horizontal sectional view taken approximately on line 2—2 of Figure 1.

Figure 3 is a cross-sectional view on line 3—3 of Figure 1.

Figure 4 is an edge view of the panel base with the removable cap, ornamental strip and base tile sections omitted.

Referring to the drawing in which like reference characters are applied to similar parts in the different figures, it is notable that the invention comprises primarily, a panel including the base A, provided with a cross piece 1 at its lower end formed in the upper surface of which is a groove 2.

At its upper end, the base A is equipped with a holding flange 3 preferably consisting of a lateral extension of a plate 4 secured by suitable fastenings to the upper edge of said base.

Applied to the outer surface of the base A is an attachment plate or member 5 preferably made of composition board of a suitable nature and spaced from the member 5 is a second member 6 of like form permanently attached to the base A but of larger area than the attachment member 5. Permanently secured to the outer face of the attachment members 5 and 6 are the tiles 5a and 6a respectively, the said tiles forming a main field or body section of tile for display purposes. They will preferably be of the same color.

The tiles 5a are so mounted upon the attachment member 5 which carries the same, that the upper edges of the tiles 5a extend upwardly beyond the upper edge of the member 5 and the

lower edges of the tiles 5a similarly project a slight distance downward beyond the lower edge of the member 5. Reference will be made to this feature later.

Now dealing with the tiles 6a, it is notable that the upper edges of the uppermost row of said tiles extend upwardly beyond the upper edge of the attachment member 6, and in like manner, the lower edges of the lower row of the tiles 6a project downwardly a slight distance beyond the lower edge of the member 6. In conjunction with the display of a main body or field section of tiles such as 5a and 6a, it is desirable to be able to display cap or crown tiles 7, ornamental strip tiles 8, and base tiles 9, having the usual base flanges 10, the several tiles 7, 8 and 9 being of a color or colors different from the tiles 5a and 6a. Now if the tiles 7, 8 and 9 are susceptible of removal from the panel base A, it is evident that other similar tiles may be substituted in replacement, and since these crown, ornamental strip, and base tiles come in quite a number of different colors, obviously an arrangement for removal of the tiles 7, 8 and 9 will be advantageous in enabling the dealer, or person using the display panel, to arrange upon the panel base A quite a number of different cap, ornamental strip and base tiles of colors different from the main field or body tile 5a and 6a.

To the above end, therefore, we contemplate mounting the cap tiles 7 permanently upon a slidable or removable attachment member 11, also mounting of the ornamental strip tiles 8 upon a sliding or removable attachment member 12 and similarly mounting the base tiles 9 upon a sliding or removable attachment member 13. The attachment members 11, 12 and 13 in each instance are of a width greater than the vertical dimension of the particular tiles carried thereon, so that the upper and lower edges of each of the members 11, 12 and 13 project beyond the upper and lower edges of the tiles that are carried thereby.

On the above account, it will be evident from the drawing, that the upper edge of the tile attachment member 11 may slide beneath the flange 3 at the upper end of the panel base A, and the lower edge of said member 11 may slide beneath the upper edge of the permanently secured tiles 5a. Similarly, the upper edge of the attachment member 12 may slide beneath the lower edges of the tiles 5a and the upper edges of the tiles 6a of the top row of tiles carried by the member 6; and in a similar manner, the upper edge of the attachment member 13 may slide beneath the lower edges of the tiles 6a of the lower row on the member 6, and the lower edge of the member 13 is adapted to fit in a sliding manner in the groove 2 of the cross piece 1.

Thus, the mounting of the several members 11, 12 and 13 is such that by shifting them transversely of the panel base A, they may be placed in position in a removable manner on the panel base so that they can be detached very quickly and similar members 11, 12 and 13 bearing cap tiles, ornamental strip tiles and base tiles of other colors can be readily inserted in place of the ornamental members 11, 12 and 13 on the base A to give the purchaser of the tiles a very excellent idea of the different color combinations that may be effected by using the main field tiles 5a and 6a, with cap or crown tiles, ornamental strip tiles, and base tiles of more or less contrasting colors.

The cap tiles 7 may, if necessary, be attached to the attachment member 11 by the use of an intervening filler member 7a. With the use of the present invention, a dealer equipped with say three or four panel devices of the invention, comprising the base A and permanently attached tiles 5a and 6a of different colors will be able to use in connection with these three or four panel bases almost any number of differently colored removable attachment members 11, 12 and 13 bearing cap, ornamental strip and base tiles, of many other colors than those of the main body or field tiles carried by such particular three or four panel bases A.

In the circumstances, according to our present invention, therefore, it will be seen that a panel device susceptible of very flexible use for the purposes of displays of tiles is proposed and obtained, and while the construction described contemplates the provision of attachment members for the removable tiles which are mounted in slide grooves, and displaceable and emplaced by a transverse movement relatively to the main body tiles on the panel base, it is contemplated within the purview of the invention to avail of other suitable attachment means for the removable tiles than those described herein, which, however, afford a most simple, compact, and easily workable construction for the purposes in view.

Having thus described our invention, what we claim as new and desire to secure by Letters Patent of the United States, is:—

1. In a display panel for tiles, in combination, a panel base, a series of tiles thereon secured thereto to provide a main body or field section, the said base being equipped with flange parts and certain of the said tiles having their edges disposed in spaced relation to said flange parts and disposed in spaced relation to the base so as to provide a plurality of grooves, and removable attachment members fitted into said grooves, together with tiles permanently secured to said attachment members and removable therewith.

2. In a display panel for tiles, in combination, a base, a series of tiles secured on the base to form a body or field section, and a plurality of removable tiles mounted on the base adjacent to said tiles of the field or body section, and attachment members for the removable tiles facilitating the displacement and replacement thereof at will upon the base, the tiles of the body or field section being mounted upon the base with certain of their edges extending laterally in spaced relation to the base to interlock with the attachment members for the removable tiles.

3. A display panel for tiles, comprising, a base having a grooved cross piece at its lower end and a flanged member at its upper end, tiles secured to the base to provide a body or field section of tiles and disposed in spaced relation to said cross piece and said flange member, and removable and replaceable tiles mounted upon the base and comprising attachment members, certain of which are received beneath the flange of the flange member and beneath the edges of the field tiles, and certain others of which are received in the groove of the cross piece and beneath the edges of the said field tiles, so as to be interlocked therewith, but adapted for removement and replacement at will.

4. A display panel for tiles, comprising, a base, a downwardly extending flange member at the upper end of the base disposed in spaced relation to the base, a cross piece at the lower end

of the base equipped with an upwardly open groove adjacent to the base, permanently secured attachment plates applied to the base, tiles of a field or body section carried by said attachment plates, and having their upper and lower edges projecting beyond the attachment plates, a cap section of tiles, an attachment member for said cap section of tiles interlocked with the said flange member at its upper edge and interlocked with tiles of the body or field section at its lower edge, base tiles and an attachment member for the base tiles interlocked at its upper edge with tiles of the body or field section and interlocked at its lower edge in the groove of the said cross piece.

5. A display panel for tiles, comprising, a base, a downwardly extending flange member at the upper end of the base disposed in spaced relation to the base, a cross piece at the lower end of the base equipped with an upwardly open groove adjacent to the base, attachment plates secured to the base, tiles of a field or body section carried by said attachment plates, and having their upper and lower edges projecting beyond the attachment plates, a cap section of tiles, an attachment member for said cap section of tiles interlocked with the said flange member at its upper edge and interlocked with tiles of the body or field section at its lower edge, base tiles and an attachment member for the base tiles interlocked at its upper edge with tiles of the body or field section and interlocked at its lower edge in the groove of the said cross piece, the said plates for the tiles of the body or field section being spaced apart and the tiles applied to said plates or certain of them having adjacent edges projecting beyond the plates, an ornamental strip tile attachment member received between said field tile attaching plates and interlocked beneath the tiles carried thereby, and ornamental strip tiles carried by said ornamental tile attachment member.

6. In a display device of the class described, a base, spaced attachment members extending across the base and to which tiles are secured forming a field section, said attachment members having areas less than the area of the tiles carried thereby so that the tiles adjacent the edges of said attachment members overhang in spaced relation to the base, providing opposed grooves, the sides of which are defined by the base and overhanging edges of the tiles, and the bottom of the grooves being defined by the edges of the attachment members, and attachment members receivable in said grooves and carrying tiles contrasting with the field section tiles which are adapted to lie in the plane of the field section tiles when the latter attachment members are inserted in the grooves.

7. In a display panel for tiles, in combination, a panel base including overhanging flanges disposed in spaced relation to one face of the base affording oppositely spaced grooves, a body or field section of tiles secured to the base, and a removable attachment member associated with the base and bearing thereon tiles, certain of the edges of which tiles terminate short of certain of the edges of the attachment member, affording laterally extending attaching portions on the removable attachment member, said latter tiles being adapted to be placed in position and detached from the base incident to movement of the laterally extending portions of the attachment member beneath the overhanging flanges aforesaid which form the grooves, for purposes of associating and disassociating the last mentioned tiles with the tiles of the main body or field section.

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