Aug. 19, 1930. J. A. BOHNSACK 1,773,704

ADJUSTABLE PLINTH BLOCK

Filed Sept. 6, 1927

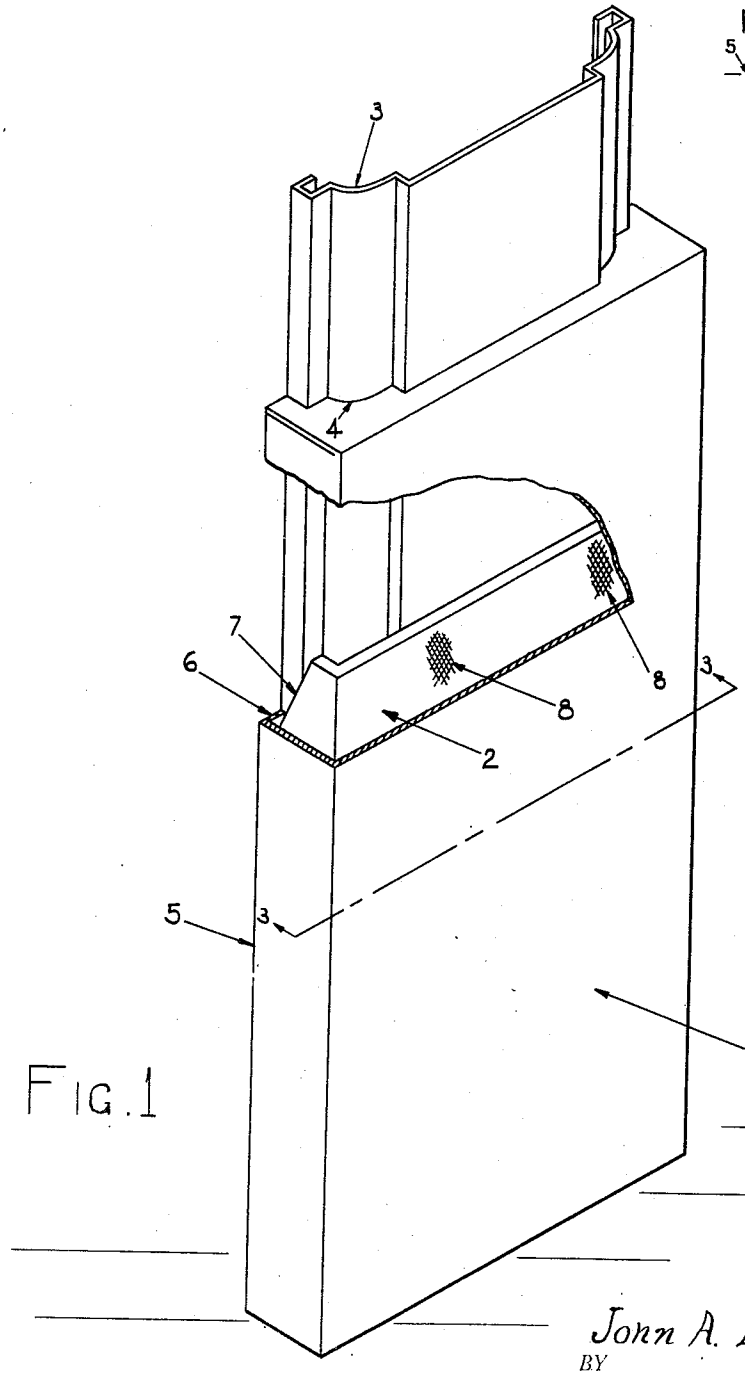


FIG. 1

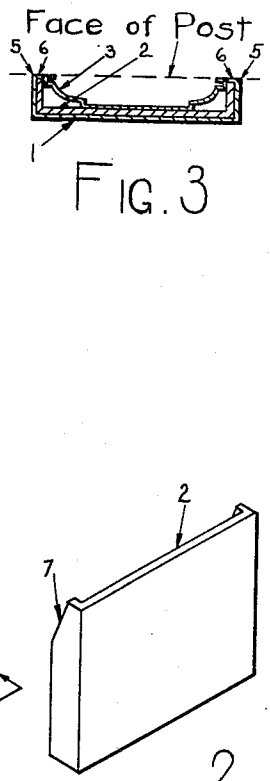


FIG. 2

FIG. 3

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UNITED STATES PATENT OFFICE

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ADJUSTABLE PLINTH BLOCK

Application filed September 6, 1927. Serial No. 217,637.

The present improvement relates to an adjustable plinth block for metallic building structures, and more particularly where vertical members are to be fitted with neat appearance against floors or ceilings.

In the erection of metallic partitions over an uneven floor for instance, it is desirable that all panel units be installed at the level of the high spots of the floor, and this gives rise to the necessity for a convenient means of fitting the trim along the bottom of the parition down tight against the floor.

It is among the objects of this invention to provide an adjustable plinth block to meet the above requirements and which is economical to manufacture and easily installed. Other objects and advantages will appear as the description proceeds.

The invention consists of the features hereinafter described and particularly pointed out in the claims; the following description and the annexed drawing setting forth but one illustrative embodiment of the various forms in which the principle of the invention may be applied.

In said annexed drawing:—

Figure 1 is a broken perspective view showing an adjustable plinth block and the plinth clip for holding same, constructed in accordance with this invention.

Figure 2 is a perspective view of a plinth clip.

Figure 3 is a transverse section in line 3—3 of Fig. 1 of the assembled parts, on smaller scale.

The plinth block 1 is a sheet metal stamping formed at the inwardly facing edge 4 of the upper horizontal portion thereof, to fit the contour of a post cap 3 to which it is applied.

At the rear vertical corners 5 of plinth block 1 the margins 6 of the metal are bent toward each other thereby fitting to the sides of the post cap 3 and at the same time strengthening the plinth block 1, but more especially the flanges formed by the margins 6 provide the means for holding the plinth block 1 in place, by engaging over suitable integral or attached projections of the vertical member and against the post cap 3 in a vertically adjustable relation thereto as thru the aid of the plinth clip 2.

The plinth clip 2, as best shown in Figure 2, is a channel shaped sheet metal stamping preferably of heavy gauge, the dimensions of the channel section thereof being such as to provide a slip fit within the width of plinth block 1, and a slip fit in the space between the inside of the front face of plinth block 1 and the flange 6. The upper corner 7 of the plinth clip 2 may conveniently be beveled to facilitate assembly of the plinth block 1 without scratching the finish of the post cap 3 while the plinth block 1 is being slid down into place.

Plinth clip 2 is fastened as by spot welding 8 to the face of post cap 3 in such a position as to allow a predetermined amount of vertical adjustment of the plinth block 1 beyond the lower end of said post cap 3; the lower open end of the plinth block 1 thereby being placeable in contact with the floor irrespective of the height of shimming employed between post and floor.

While the illustration given is for a joint between panels at 180 degrees to one another, the principle is equally applicable to any degree of angularity.

Other modes of applying the principle of this invention may be employed instead of that explained, change being made as regards the features herein disclosed, provided the means stated by any of the following claims or the equivalent of such stated means be employed.

I therefore particularly point out and distinctly claim as my invention.

1. A plinth block for metallic building structures, attachable to a face member of a post, and means for vertically adjustably securing the said block.

2. A plinth block for metallic building structures wherein the upper part of the front face is bent over to form the upper horizontal portion of said plinth block and at the inward facing edge of said upper horizontal portion is formed to fit the contour of the vertical member against which said plinth block is positioned.

3. In a metallic building structure a plinth

block having an upper horizontal member, and vertically extending locating flanges adapted to slidably engage complimentary elements on a vertical member, whereby said plinth block may be adjustably positioned on said vertical member.

4. As an article of manufacture, a plinth block for metallic building structures comprising a piece of sheet metal formed at one end with a flange fitting to the contour of the vertical member to which said block is to be applied, said block also having lateral flanges adapted to have interlocking slidable engagement with said vertical member.

5. In a metallic building structure, the combination of a vertical member, a plinth block slidably mounted thereon and a plinth clip attached to the vertical member wherewith said plinth block is slidably engaged.

6. In a metallic building structures, the combination of a vertically adjustable plinth block and a plinth clip of channel section substantially fitting the inner contour of said plinth block.

7. In a metallic building structure, the combination of a vertical post cap of the snap-on type, a plinth clip attached thereto, and a plinth block vertically adjustable thereon.

8. A plinth block for metallic building structures, having an upper horizontal member with its face edge formed to fit the contour of a vertical member against which the plinth block is positioned.

9. A plinth block for metallic building structures, comprising a face portion for overlying the vertical member against which it is positioned and having a horizontal upper edge fitting the contour of such vertical member, side flanges perpendicular to the face portion of said plinth and having inbent marginal portions for embracing securing elements on such vertical member to retain the plinth in vertically adjustable position.

10. A plinth block for metallic building structures, comprising a face portion overlying the vertical member against which it is positioned and having a horizontal upper portion notched to fit the contour of such vertical member, side flanges perpendicular to the face portion of said plinth and having inbent marginal portions embracing securing elements on such vertical member for retaining the plinth in vertically adjustable position.

11. A plinth block for metallic building structures, comprising a face portion overlying the vertical member against which it is positioned and having a horizontal upper portion notched to fit the contour of such vertical member, side flanges perpendicular to the face portion of said plinth and having inbent marginal portions embracing securing elements on such vertical member for retaining the plinth in vertically adjustable position, and spacing means between the vertical member and plinth for locating the plinth in suitable position.

Signed by me this 2nd day of Sept., 1927.

JOHN A. BOHNSACK.

DISCLAIMER

1,773,704.—*John A. Bohnsack*, Cleveland Heights, Ohio. ADJUSTABLE PLINTH BLOCK. Patent dated August 19, 1930. Disclaimer filed February 18, 1935, by the assignee, *The E. F. Hauserman Company*.

Hereby enters this disclaimer to that part of the claims in said specification which is in the following words, to wit:

"2. A plinth block for metallic building structures wherein the upper part of the front face is bent over to form the upper horizontal portion of said plinth block and at the inward facing edge of said upper horizontal portion is formed to fit the contour of the vertical member against which said plinth block is positioned."

"8. A plinth block for metallic building structures, having an upper horizontal member with its face edge formed to fit the contour of a vertical member against which the plinth block is positioned."

[*Official Gazette March 19, 1935.*]