L. E. CURTIS.

PLASTER TERMINAL.

APPLICATION FILED OCT. 31, 1921.

1,419,232. Patented June 13, 1922.

Fig. 3.

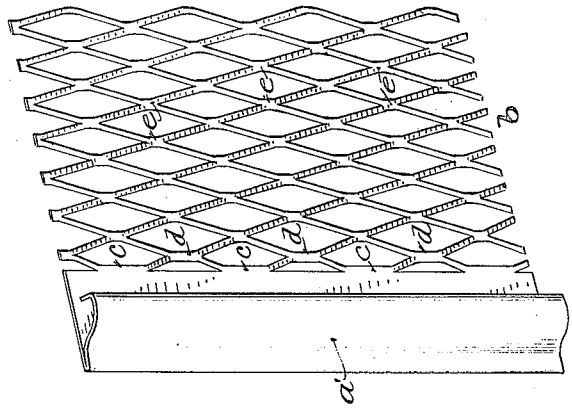


Fig. 2.

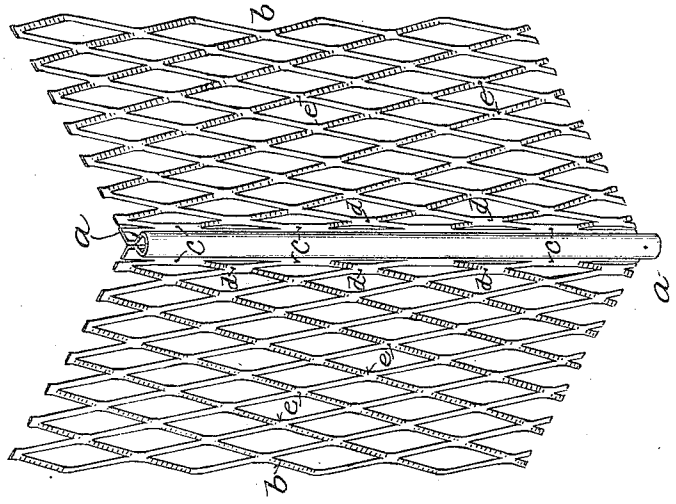
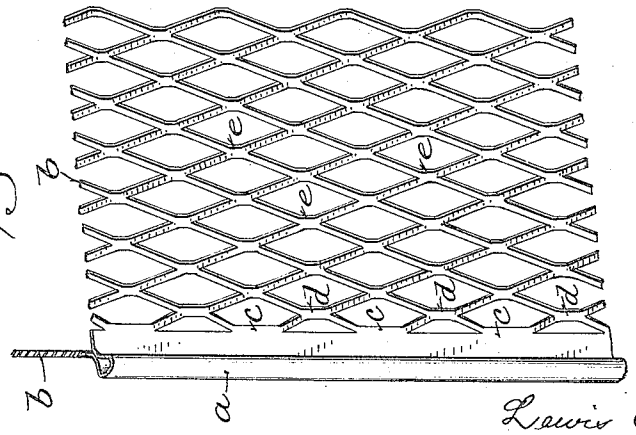


Fig. 1.



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PLASTER TERMINAL.

1,419,232. Specification of Letters Patent. Patented June 13, 1922.

Application filed October 31, 1921. Serial No. 511,883.

To all whom it may concern:

Be it known that I, LEWIS E. CURTIS, a citizen of the United States, residing at Warren, in the county of Trumbull and State of Ohio, have invented certain new and and useful Improvements in Plaster Terminals, of which the following is a specification, reference being had to the accompanying drawing, forming a part thereof.

This invention relates to plaster terminals, such as corner beads, door, window and base beads, moldings or casings, screeds and the like having expanded metal attachment wings.

The main objects of the invention are to provide effective bonds for and prevent cracking of the plaster coatings adjacent the terminal beads, moldings or plaster gages or grounds; to economize sheet metal in the production of the terminals; to avoid breaking or abrupt bending of the attachment wings at or adjacent their junction with the terminal beads, moldings or grounds; and generally to improve the construction and facilitate the application of plaster terminals of this class.

The invention consists in the construction, arrangement and combination of parts as hereinafter particularly described and pointed out in the claims.

In the accompanying drawing like characters designate the same parts in the several figures.

Figure 1 is an outside elevation of a corner bead constructed in accordance with the invention; Fig. 2 is a front elevation of the corner bead showing its two expanded attachment wings in perspective; and Fig. 3 is a perspective view of a door or window molding or bead embodying the invention.

Referring to Figs. 1 and 2, showing an outside corner bead or strip for salient angles, the bead or strip is formed integrally of sheet metal with a continuous entire or unexpanded bead *a*, which serves as a ground or gage for applying plaster coatings to a wall at a salient angle to each other, and with slitted and expanded attachment wings *b*, preferably though not necessarily, of diamond-shaped mesh, as shown.

To facilitate the application and adaptation of the bead or strip to the plaster foundation of a wall which is more or less rough and uneven, and to prevent the breaking or abrupt bending of the wings *b* at their junction with the bead *a*, the bonds of the meshes are made longer adjacent the bead than elsewhere.

As shown by the drawing, the bonds *c* of the meshes next to the bead are about four times the length, and the bonds *d* of the meshes in the next outer rows are about twice the length of the bonds *e* in the outer portions of the wings. The lengthening of the bonds of one or more rows of meshes adjacent the bead, reinforces and avoids the breaking or abrupt bending of the wings at or near their junction with the bead by leverage or pressure exerted against their outer edges in making, handling and applying the bead, and thus the weakness in and objection to corner beads or plaster terminals as heretofore constructed with slitted and expanded attachment wings having bonds between adjoining meshes of the same length throughout the wings, are avoided.

While an outside corner bead for salient angles having expanded wings of diamond-shaped mesh is shown for the purpose of illustration, the invention may be embodied in an inside corner bead for application to reentrant angles, or in either an outside or inside corner bead provided with slitted and expanded attachment wings having meshes of other shapes.

Referring to Fig. 3, showing a flush door or window casing or molding designed to take the place of and dispense with the ordinary wood trim or casing, the entire or unexpanded terminal bead or molding *a'*, which serves as a ground or gage for evenly applying a coating of plaster, may be made of various forms according to the finish and appearance desired. The construction of the single slitted and expanded attachment wing *b* is like that of the corner bead shown in Figs. 1 and 2 and hereinbefore described.

I claim:

1. A plaster terminal formed of sheet metal with a continuous unexpanded bead, serving as a gage for a plaster coating, and with a slitted and expanded attachment wing, the bonds of the meshes at the junction of the wing and bead being longer than those of the meshes adjacent the outer margin of the wing.

2. A plaster terminal formed of sheet metal with a continuous unexpanded bead,

serving as a gage for a plaster coating, and with a slitted and expanded attachment wing having bonds of increasing length in successive rows of meshes adjacent and towards the bead.

3. A plaster terminal formed of sheet metal with a continuous unexpanded bead serving as a gage for a plaster coating, and with a slitted and expanded attachment wing of diamond-shaped mesh having longer bonds adjacent the bead.

In witness whereof I hereto affix my signature.

LEWIS E. CURTIS.