

W. M. GOLDSMITH.
METAL BEAD FOR PLASTICS.
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1,379,862.

Patented May 31, 1921.

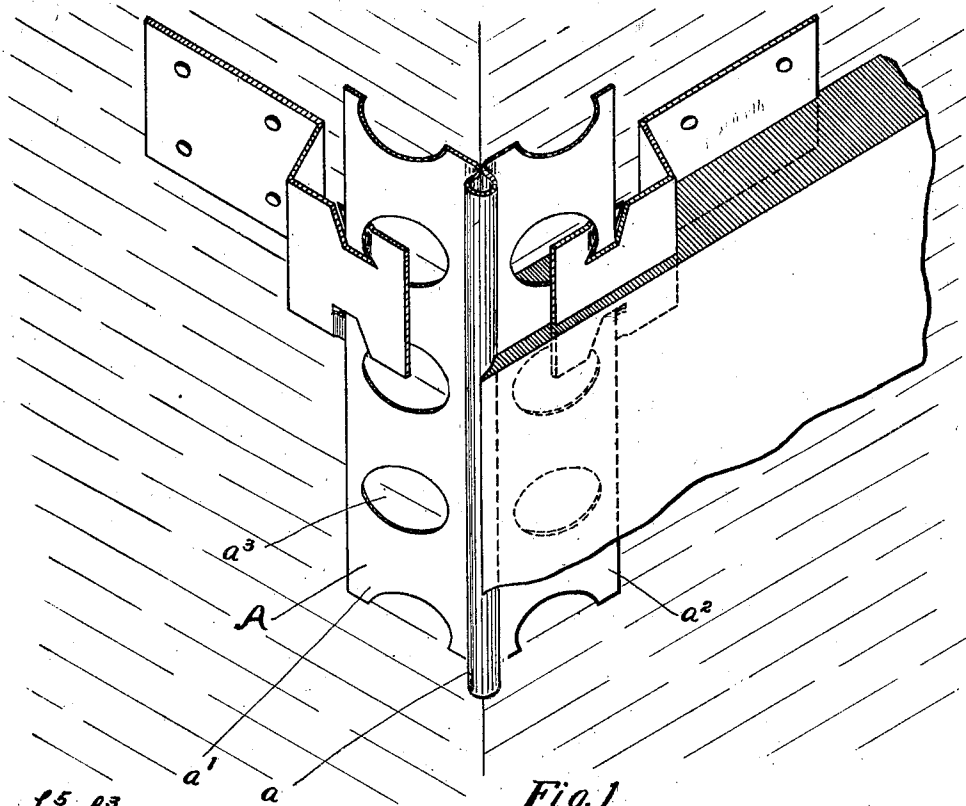


Fig. 1

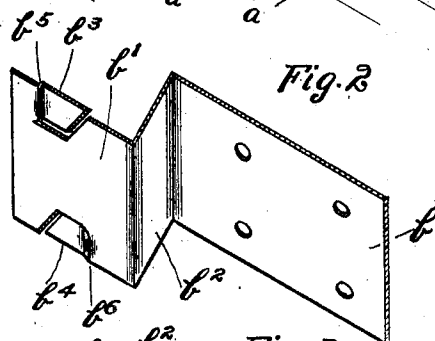


Fig. 2

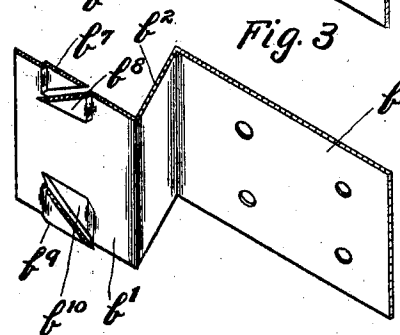


Fig. 3

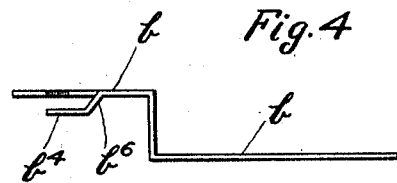


Fig. 4



Fig. 5

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METAL BEAD FOR PLASTICS.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM M. GOLDSMITH, a citizen of the United States of America, and a resident of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Improvement in Metal Beads for Plastics, of which the following is a specification.

Corner beads have heretofore been made of various sizes because the depth of plaster specified for walls varies. This made it necessary for a contractor to carry several sizes of corner beads. It frequently happened, however, that corner beads of the proper size for the depth of plaster specified would be exhausted from the supply on hand at the building under construction. Under these conditions it has been common for workmen to adopt some expedient for mounting a corner bead of smaller size upon the laths at a corner by some such expedient as by means of pieces of plaster. This was a crude expedient since it resulted frequently in the corner bead being mounted unevenly upon the corner.

It is the object of my invention to provide a means by which corner beads of uniform size may be used for all depths of plaster.

This object is attained by the means described in the specification and illustrated in the accompanying drawings in which:—

Figure 1, is a perspective view of a corner bead construction embodying my invention.

Figs. 2 and 3, are perspective views of clips for holding the corner beads and embodying a feature of my invention.

Figs. 4 and 5, are side elevations of the clips shown in Figs. 2 and 3 respectively.

The corner bead employed by me may be of any usual construction. In the present instance it is shown as made from a piece of sheet metal which has a central bead a and plates a' , a'' , which lie at right angles to each other and have in them a series of holes a^3 . In combination with this corner bead I employ an angle clip which has one member b for contact with the lathing, another member b' for engagement with the corner clip and a spacing member b^2 whose

width varies with the depth of the plastering. In the form shown in Fig. 2, member b' has struck from it two lugs b^3 , b^4 . These lugs have inwardly projecting shoulders b^5 , b^6 , which space the lugs from the inner face of the metal A .

In use it is necessary to have two sets of the clips shown in Fig. 2, since the shoulder b^8 must contact with the edges of the plates a' , a'' of the bead, as shown in Fig. 1. In the form of clip shown in Fig. 3, there are at each edge of the member b' two lugs b^7 — b^8 , b^9 — b^{10} . Lugs b^8 , b^9 are struck outward from the member b' , and lugs b^7 , b^{10} are struck inward thereof. This form of clip may be applied to either edge of a corner bead. When the clip is placed upon the right hand edge of a bead, the shoulder of lug b^{10} engaging the edge of the corner bead prevents any downward rotation of the clip relatively to the bead. When the clip is placed upon the left hand side of a corner bead, the shoulder of the lug b^8 , prevents any such reverse rotation of the clip.

With my corner bead construction a contractor need carry in stock only one size of corner beads and a series of sizes of my spacing clips. This he can do at much less expense and trouble than that of carrying a series of sizes of corner beads. Since corner beads are much more expensive than clips and much more cumbersome for a workman to carry than the clips.

I have described my invention as applied to corner beads, but it may be applied to other forms of beads for plaster and cement work.

What I claim is:—

1. As a new article of manufacture a spacer clip for beads comprising parallel plates and a spacer member connecting the plates and holding them in different planes, one of said plates having lugs projecting therefrom and adapted to engage a bead.

2. As a new article of manufacture, a spacing clip for beads, said spacer clip comprising a member adapted to engage a wall, a second member having lugs adapted to engage a bead and a third member connect-

ing the first two members and holding them in different planes, and adapted to space a bead from the first mentioned member.

3. As a new article of manufacture, a
5 spacing clip for beads, said spacer clip comprising parallel plates and an intermediate strip connecting the plates and holding them in different planes, one of said plates hav-

ing upon opposite edges, inwardly and outwardly projecting lugs adapted to contact 10 with the edges of a bead and to couple the spacer clip thereto.

In testimony whereof, I have hereunto subscribed my name this 4th day of March, 1919.

WILLIAM M. GOLDSMITH.