No. 640,409. Patented Jan. 2, 1900.

W. F. PARKER.

CORNER BEAD FOR PLASTERED WALLS.

(Application filed May 2, 1899.)

(No Model.)

Fig. 1

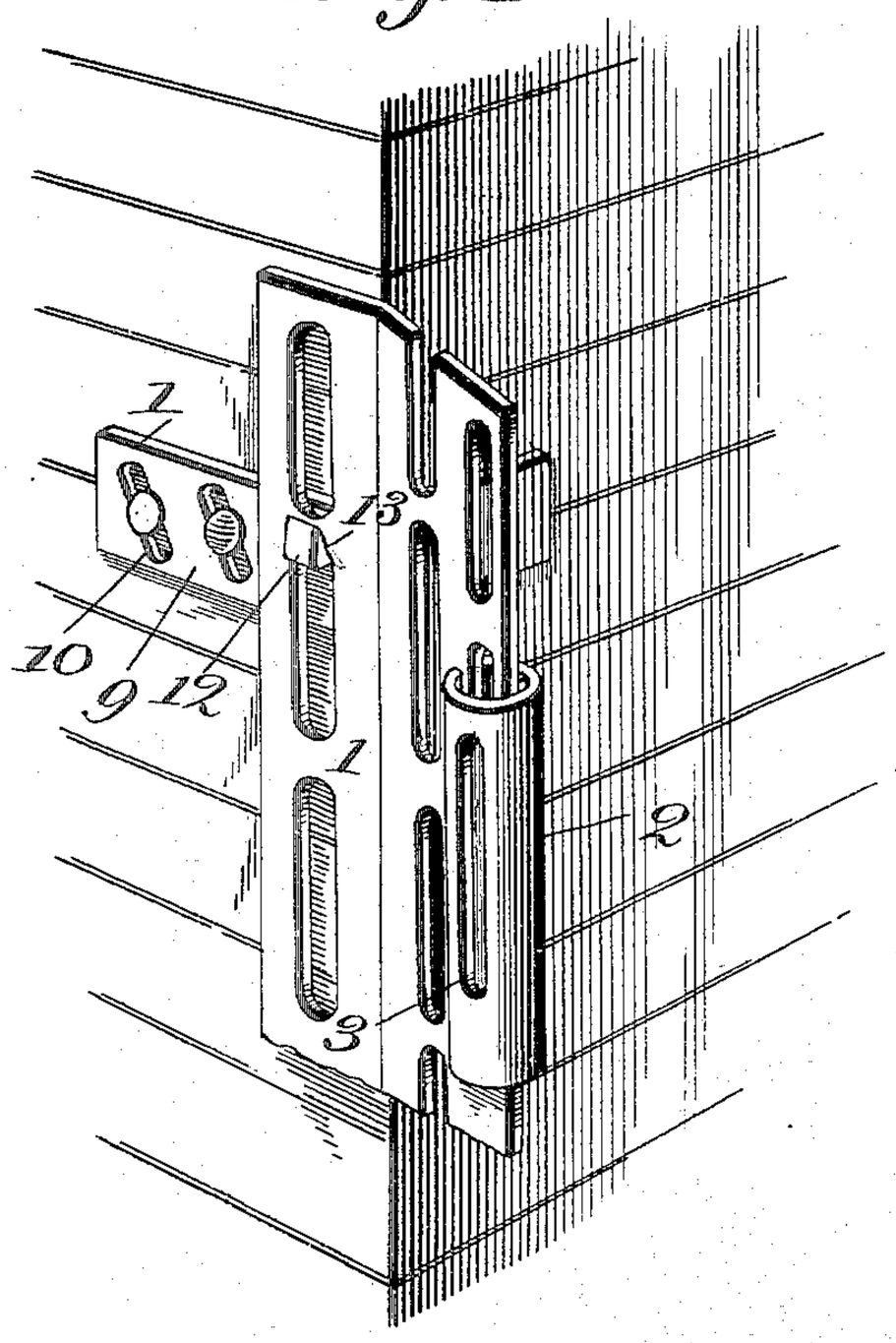


Fig. 2.

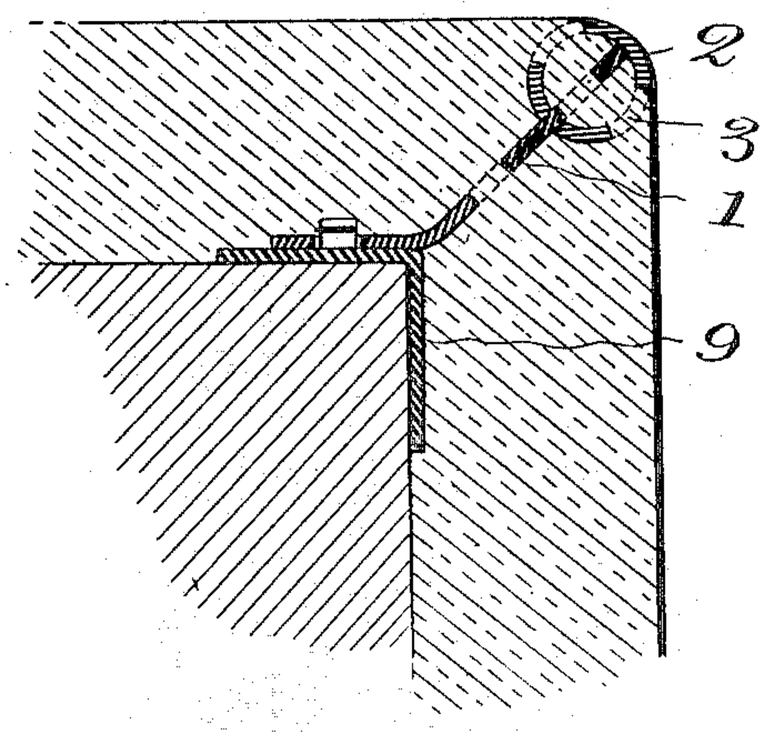


Fig. 4.

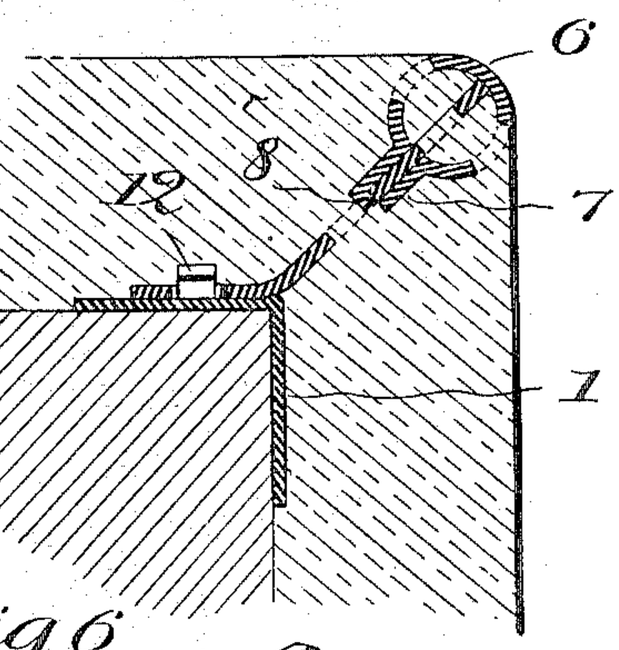


Fig 6

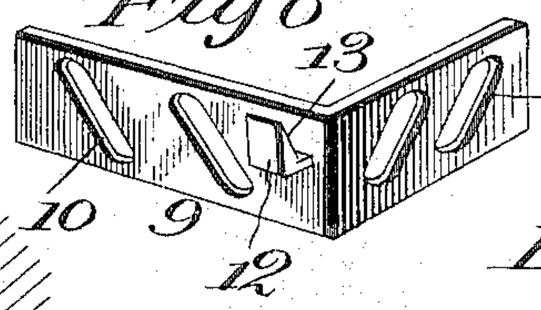


Fig. 3.

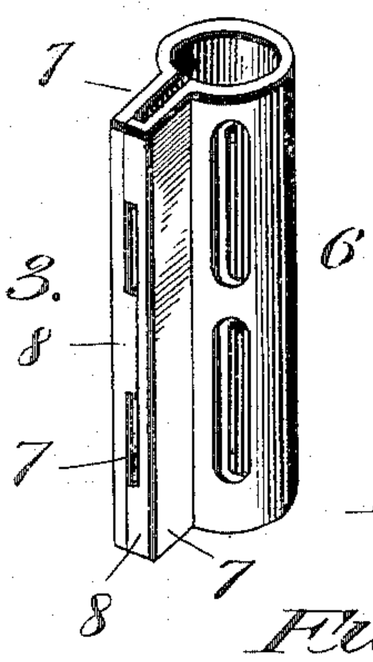


Fig. 7.

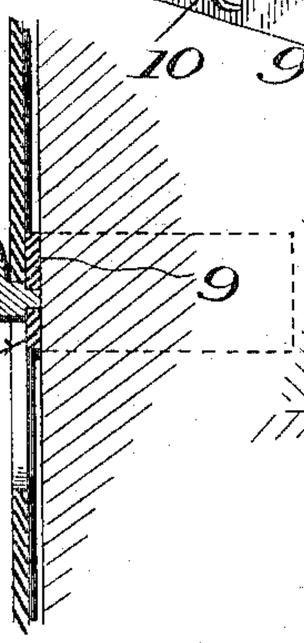
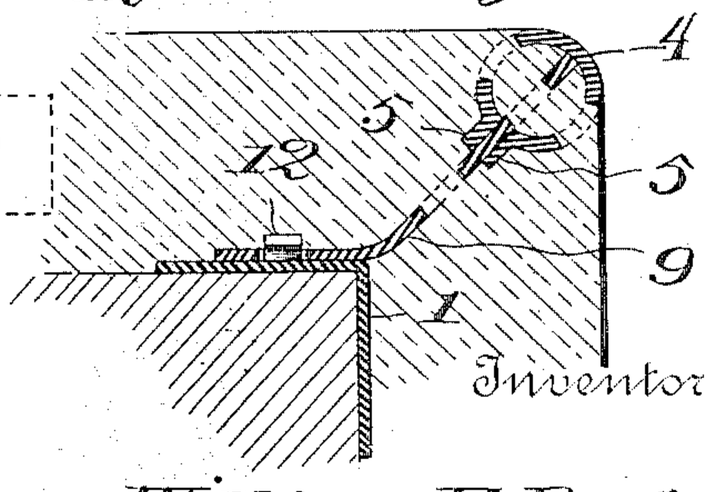


Fig. 5.



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UNITED STATES PATENT OFFICE.

WILLIAM F. PARKER, OF NEW YORK, N. Y.

CORNER-BEAD FOR PLASTERED WALLS.

SPECIFICATION forming part of Letters Patent No. 640,409, dated January 2, 1900.

Application filed May 2, 1899. Serial No. 715,320. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM F. PARKER, a citizen of the United States, residing at New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Beads for Protecting the Angles of Plastered Walls; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My present invention relates to certain new and useful improvements in metal corner strips or plates for protecting the angles of plastered walls, and more particularly to an ornamental bead-piece adapted to be attached to said corner-strip; and the invention also comprises a novel form of clip or anchor plate for securely holding the corner strip or plate in position.

It is the purpose of my invention to provide a simple form of bead-piece adapted to be readily clamped to the corner strip or plate in such manner as to be held firmly in position, the said bead-piece being of such a construction that it can be applied to corner strips or plates now in use.

It is a further purpose of the invention to provide an improved form of clip or holder for the corner-plate whereby to enable said clips or holders to be first secured to the angle of the wall and the corner plate or strip afterward adjusted thereto, as desired.

My invention is illustrated in the accompanying drawings, wherein—

Figure 1 is a perspective view of a part of a corner strip or plate having one of my improved corner-bead pieces clamped thereon. Fig. 2 is a transverse sectional view of the same. Fig. 3 is a perspective view of a portion of a corner-bead, showing a modification of my invention. Fig. 4 is a transverse section of the bead-piece shown in Fig. 3. Fig. 5 is a transverse sectional view showing a further modified form of the bead-piece. Fig. 6 is a perspective view of my improved form of clip. Fig. 7 is a sectional view of the clip.

Referring now to the drawings, the reference-numeral 1 designates the corner strip or plate, which is preferably of angular shape in cross-section, as shown, and provided with a plurality of plaster-receiving openings or slots.

The reference-numeral 2 designates my improved form of corner-bead, which is preferably made of spring metal in the shape of a split tube, and when applied in position to the corner-strip it is simply expanded and slipped over the outer or free edge of said strip, as shown in the drawings, and the springy nature of the tube will tend to clamp it firmly to the opposite sides of the said strip. The corner-bead 2 is provided with a plurality of plaster-receiving slots or recesses 3 along each side, through which the plaster passes to the interior of the tube, where it again comes into contact with that part of the corner-plate within the tube and firmly locks the said bead-piece in position. This I consider an important feature of my invention, for it will be thus seen that the corner-bead is not only clamped to the plate by its own elasticity, but is also locked by the plaster passing through the recesses therein and coming into intimate contact and engagement with the corner plate or strip within the bead-piece, whereby a practically firm and solid structure is provided. I do not confine myself to any particular arrangement or location of the slots, for obviously they may be placed, as desired, at any point within the bead without departing from the spirit of my invention, and what I seek to cover by this patent is therefore a removable or independent corner-bead formed of a split tube provided with plaster-receiving slots or recesses and adapted to be sprung upon or fitted over the edge of a corner-plate.

In the modified form of my invention shown in Fig. 5 I have illustrated the corner-bead 4 as being provided along each edge with rearwardly-extending flanges 5 5, which will lie flat upon the opposite sides of the corner-plate, and thus retain the said bead more securely in position and alinement.

In Fig. 4 I have shown a still further modification, and in this case the bead-piece 6 is provided with rearwardly-extending flanges 7 7,

and each flange is provided with a plurality of short tongues or lips 8, which are adapted to enter the perforations or slots in the corner-strip 1. By this construction it will be apparent that the plaster entering into the slots in the corner-strip will pack tightly around the said tongues or lips 8, and thus firmly lock the bead-piece in position.

My improved form of clip or holder comprises an angle-plate 9, provided with one, two, or more inclined nailing slots or openings 10, said slots permitting of an easy and ready adjustment of the clip or holder to accommodate for suitable nailing-spaces between the plaster-joints of partitions made of tiling or other fireproof material. Projecting out from one face of the said angle-plate 10 is a vertically-arranged stud or button 12, having an upwardly and outwardly inclined wall 13, forming an approximately wedge-shaped opening between the said wall and angle-plate. In use the clips or holders are first secured to the angle of the wall at suitable points, as may be desired, and the corner plate or strip is then applied thereto, the studs or buttons 12 passing through the slots in the corner plate or strip and the latter being then forced downward, the metal between the perforations in the plate or strip being thereby wedged between the inclined wall 13 and face of the clip or holder, whereby the plate will be held firmly in position.

I consider it of great importance that the bead piece or tube is supported throughout its entire length by a strip having a continuous bearing upon the bead, for this construction affords a firm and secure fastening means for the bead-piece and one capable of holding the same rigidly in position under all circumstances. It is likewise of considerable advantage to provide a bead-piece that can be readily applied to corner plates or strips now upon the market.

While I have herein shown and described the bead-piece as being made in the form of a split tube, I wish it to be understood that I do not confine myself to any particular shape of tube so far as its external design or cross-sectional shape is concerned, for in practice I contemplate giving the tube an ornamental appearance, so as to add greatly to the richness and attractiveness of the corner or wall to which it is applied.

What I claim, and desire to secure by Letters Patent, is—

1. A bead-piece for protecting the angles of plastered walls consisting of a split tube having plaster-receiving openings or slots therein.

2. A bead-piece for protecting and ornamenting the angles of plastered walls, consisting of a split tube, and means for supporting said bead-piece removed from the angle of the wall, said means having a continuous bearing upon the inner wall of the tube throughout its entire length.

3. In combination with a corner strip or plate, a bead-piece formed of a split tube sprung over the edge of said strip or plate, substantially as described.

4. In combination with a corner strip or plate, a bead-piece formed of a split tube having plaster openings or slots therein, said tube being sprung over the edge of the said strip or plate.

5. In combination with a corner strip or plate having plaster-openings therein, a bead-piece comprising a split tube sprung over the outer edge of said strip or plate, and provided with plaster-openings therein which lie in a line substantially parallel with the openings in that part of the strip or plate within the tube when the parts are in position, substantially as and for the purpose described.

6. The combination with a corner-strip, of a bead-piece formed of a split tube having lateral flanges along its edges which embrace the opposite faces of the corner-strip to hold the parts in position.

7. The combination with a corner-strip having openings therein, of a bead-piece comprising a split tube having lips or tongues formed integral therewith adapted to take into the said openings in the corner-strip when the tube is fitted over the outer edge of the strip.

8. A bead-piece for protecting the angles of plastered walls, comprising a split tube having lateral flanges and integral engaging lips or tongues, substantially as described.

9. A bead-piece for protecting the angles of plastered walls, comprising a split tube having plaster-openings therein and lateral flanges extending outward from the opposite edges of said tube, substantially as described.

10. A bead-piece for protecting the angles of plastered walls, comprising a split tube having plaster-openings upon opposite sides thereof and lateral flanges extending outward therefrom, said flanges being provided with inwardly-extending engaging lips or tongues.

11. A clip for supporting perforated corner strips or plates, comprising an angle-iron having elongated nail-openings therethrough and a stud or button thereon provided with an upwardly-extending inclined wall, substantially as described.

12. A clip for supporting perforated corner-strips, comprising a plate having nail-openings near one end and a stud or button near the opposite end, said stud or button having an inclined wall facing the side wall of the plate.

13. A clip for supporting a perforated corner-strip, comprising an angle-plate having diagonal nailing-slots therein, and a stud or button projecting outward from one face of the angle-plate and having an upwardly-extending inclined wall to provide a substantially wedge-shaped space between said inclined wall and face of the plate.

14. The combination with a corner-strip having plaster-openings therein, of a bead-

piece fitted over the edge of said strip and provided with lateral flanges which embrace the opposite faces of the corner-strip, said bead-piece having portions of its flanges bent inward to enter the openings in the corner-strip whereby the strip and bead-piece are held intact.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM F. PARKER.

Witnesses:
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H. C. KNUBEL.