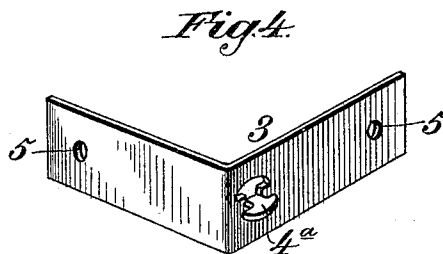
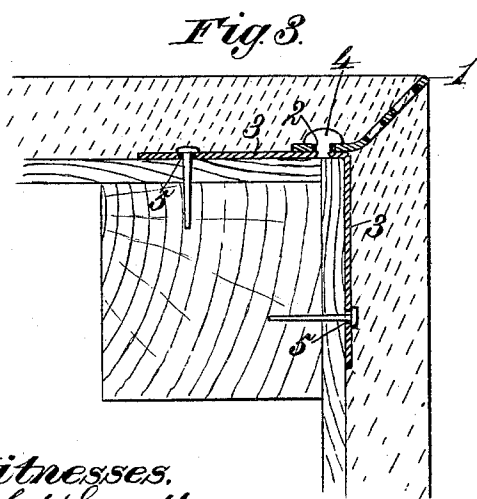
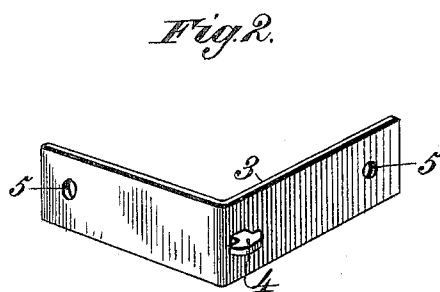
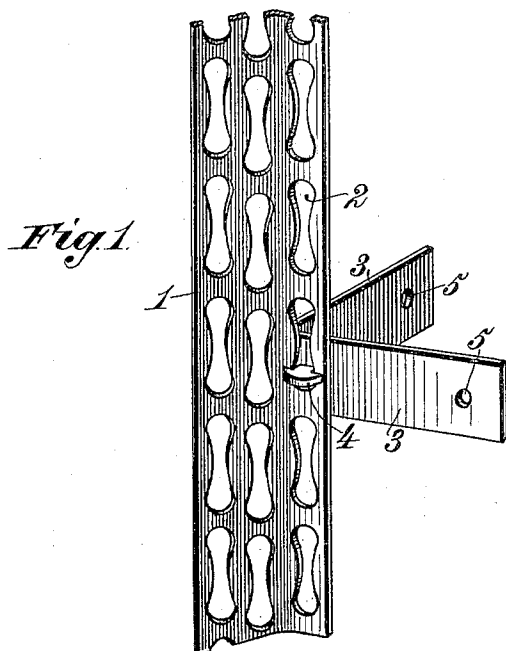


(No Model.)

F. A. MITCHELL.
ANCHOR PLATE FOR CORNER STRIPS.

No. 599,343.

Patented Feb. 22, 1898.



Witnesses.
Robert G. Pratt,
W. B. Rueger

Inventor.
Ferris A. Mitchell
By J. Granville Meyers,
His Atty.

UNITED STATES PATENT OFFICE.

FERRIS A. MITCHELL, OF GLENOLDEN, PENNSYLVANIA, ASSIGNOR, BY
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ANCHOR-PLATE FOR CORNER-STRIPS.

SPECIFICATION forming part of Letters Patent No. 599,343, dated February 22, 1898.

Application filed February 24, 1897. Serial No. 624,870. (No model.)

To all whom it may concern:

Be it known that I, FERRIS A. MITCHELL, a citizen of the United States, residing at Glenolden, in the county of Delaware and State of Pennsylvania, have invented certain new and useful Improvements in Anchor-Plates for Corner-Strips; 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.

This invention relates to improvements in metal strips or plates usually employed to protect the corners or projecting angles of plastered walls, and more particularly to the means for securing or fastening said plates to the joists or other parts of the framework to be plastered.

The object of my invention is to provide a cheap, simple, and durable locking means capable of being easily attached to the metal strips or plates without the use of screws, nails, or the like and as easily detached from said plates.

The invention consists in providing an anchor-plate or bracket with a suitable projection extending outward from the face thereof and preferably having a head of any suitable form or shape which is adapted to interlock with apertures or recesses formed in the metal corner strip or plate.

My invention is designed more particularly to be used in connection with the style of protecting-strip shown in the patent to George W. Meserve, No. 547,174; but I do not wish to be understood as limiting myself to this precise form of strip, for it will be obvious that strips of other descriptions can be as readily used, the only necessary characteristic of such a strip being that it should be provided with apertures or recesses to receive the heads on the anchor-plates or brackets. In the patent above referred to the corner-strips are each secured to a wooden strip, and then the said wooden strip is nailed or screwed to the joists or other timbers, and it is to obviate the necessity of using a wooden holding-strip that I have designed the anchor-plate or bracket herein set forth.

In order to enable others to make and use my

invention, I will proceed to describe the same in detail, reference being had for this purpose to the accompanying drawings, wherein—

Figure 1 is a perspective view of a corner strip or plate with one of my improved anchor-plates or brackets attached thereto. Figure 2 is a detail perspective view of one of the anchor-plates or brackets. Figure 3 shows a horizontal sectional view of a plastered wall with the corner-strip and anchor-plate in position. Figure 4 is a view of a modified form of anchor-plate.

Referring now to the drawings, the reference-numeral 1 designates a metallic corner plate or strip preferably provided throughout its length with suitable apertures, indentations, or roughnesses to receive the plaster and firmly unite the same with said plate. Along one edge of the said plate I provide a series of elongated, dovetail, or double key-hole recesses or apertures 2 for a purpose presently to be set forth.

While I have herein shown and described the recesses or apertures 2 as being of dovetail or double-keyhole shape, I do not confine myself to such specifically, for obviously recesses of other shapes could be employed with equal facility.

The reference-numeral 3 designates a metal anchor-plate or bracket, which is preferably of angular form to fit the angles or corners of the walls to be plastered. Projecting outward from the face of the said anchor-plate is a headed projection 4, preferably of T shape, said projection being secured to the anchor-plate in any suitable manner or made integral therewith by being struck up from the plate itself, as shown at 4^a, Fig. 4 of the drawings. I have shown the projection as being of T shape, but obviously other forms of locking-lugs will readily suggest themselves. I further provide the anchor-plates with small holes 5, through which nails or screws may readily pass when securing the plates to the angles of the walls.

The manner of using my improved anchor-plate or bracket will be apparent. When it is desired to secure a corner-strip to a wall, the mechanic will first lock one or more of the anchor-plates to the said strip by insert-

ing the projecting lug or head through one of the apertures in the strip and then turn the said anchor-plate so that the projecting portions of the lug or head will overhang the walls or edges of the strip surrounding the apertures, thus firmly securing the anchor-plates or brackets to the metallic corner-strip. The mechanic will now nail or otherwise fasten the anchor-plates to the corners to be plastered. If desired, the anchor-plates may all be attached to the corner-strip before placing the latter in position to be secured to the wall; but in most instances it is preferable to attach them one at a time as the nailing operation is proceeded with, for it is often desirable to pick out or select a particular and firm part of the studding or framework upon which to nail the anchor-plates or brackets.

It will be understood that by using separate or independent anchor-plates or brackets, such as herein shown and described, the said corner-strips can be accurately adjusted, so as to be perfectly plumb. It often happens that the timbers or framework are not absolutely plumb, and such inaccuracies can be readily and easily compensated for by simply shifting the position of the several anchor-plates to which the strips are secured, thereby bringing about a perfect adjustment of the parts.

From the foregoing it will be seen that I provide an extremely simple and cheap anchor-plate or bracket that can be easily and quickly attached to and detached from the corner-strip and wherein the expense and labor usually necessary in securing said corner-strips to the ordinary strips of wood are entirely done away with.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. As a new article of manufacture, an anchor-plate adapted to be secured to the angle of a wall to support a corner-strip, said an-

chor-plate consisting of a metallic strip having a projection extending outward from the face thereof, and adapted to interlock with apertures in the corner-strip.

2. The combination with a corner-strip having a series of apertures therein, of an anchor-plate adapted to be secured to the angle of a wall, and provided with a headed projection adapted to enter either of the apertures in the said corner-strip whereby the latter is detachably locked to the anchor-plate, substantially as described.

3. The combination with a corner-strip having a series of elongated recesses therein, of an anchor-plate provided with a headed projection, the head of which is adapted to be passed through either of the recesses in the strip whereby the anchor-plate is detachably locked to the said strip, substantially as described.

4. The combination with a metallic corner-strip having a series of elongated recesses along one edge, of an angular anchor-plate adapted to be secured to the angle of a wall, and a headed projection carried by the anchor-plate and arranged to interlock with the said corner-strip by being passed through one of the recesses therein, substantially as described.

5. The combination with a corner-strip having a series of apertures therein, of an anchor-plate adapted to be secured to the angle of a wall and provided with a headed projection formed integral with the body of the anchor-plate, said projection being arranged to interlock with either of the apertures in the corner-strip, as and for the purpose described.

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

FERRIS A. MITCHELL.

Witnesses:

J. HARRY NICHOLSON,
LORETTA E. HICKS.