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C. K. NICHOLS

2,209,470

FURRING CONSTRUCTION

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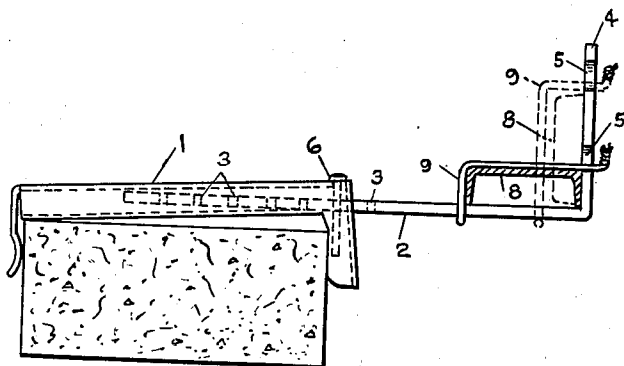


Fig-1

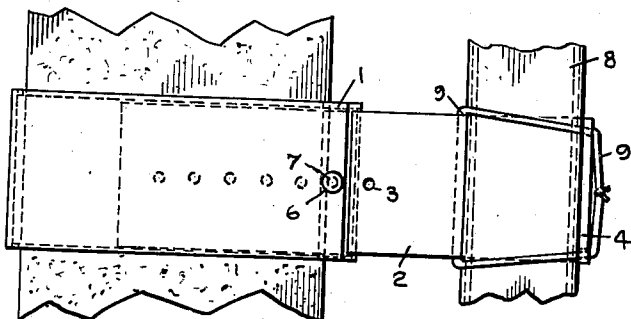


Fig-2

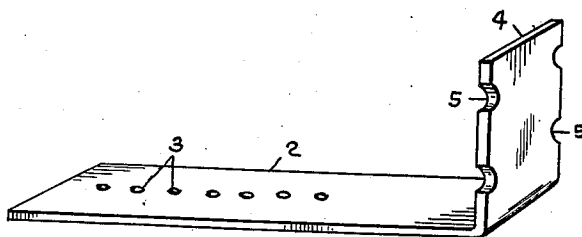


Fig-3

INVENTOR.
Charles K. Nichols
BY Victor D. Bant
ATTORNEY.

UNITED STATES PATENT OFFICE

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FURRING CONSTRUCTION

Charles K. Nichols, Scarsdale, N. Y., assignor to
Simplon Products Corporation, a corporation
of New York

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1 Claim. (Cl. 72-118)

This invention relates to metal furring systems and has particular relation to a system of the general type disclosed in the Marsh Patent No. 2,064,984. In that patent there is disclosed a structure for supporting furring strips comprising a metal shield or socket which is permanently embedded in the wall and accommodates a flat, adjustable bracket having at its outer end a V-shaped trough portion for receiving correspondingly shaped horizontal furring strips. Special clips are shown for securing the furring strips to the brackets.

The object of the present invention is to adapt such a system to low-cost construction and particularly to enable the use of the standard channel members of different widths as furring strips, disposed with their greater cross-sectional dimension either horizontal or vertical, that is, either flat or on edge, with conventional means for tying the strips to the brackets.

The invention contemplates a bracket consisting of a flat strip of metal having an upstanding flange at its outer end, the flange being of a height at least equal to the width of the channel strips and being notched at spaced intervals along its sides to accommodate a tie wire at various heights depending on the disposition and width of the channel strips.

The bracket member can be employed not only in conjunction with the casing or socket disclosed in said aforementioned patent, but can be employed also in conjunction with other receiving members therefor.

The accompanying drawing is illustrative of my invention and shows my improved bracket employed in combination with the socket of the above-named patent.

In the said drawing:

Fig. 1 is a side elevation of the furring structure embodying my invention;

Fig. 2 is a top view thereof, and

Fig. 3 is a perspective view of the bracket.

Referring to the several figures, there is shown a casing or socket 1 in which is partly disposed a bracket member 2 made of a flat strip of metal, provided with a series of holes 3, 3, in the horizontal portion or flat thereof. The outer end of the bracket is provided with an upturned flange 4 having a plurality of spaced-apart notches 5, 5, in the sides thereof.

When the bracket is extended out from the socket the desired distance the same is anchored to the socket by inserting a locking pin 6 through a hole 7 in the top of the socket and through the hole in the flat portion of the bracket aligned with said hole 7.

The horizontal channeled furring member 8 can be laid flat on the flat part of the bracket adjacent the flange 4, or stood on its side, as indicated in Fig. 1, and the same is thence tied to the bracket by means of the wire 9, which is passed under the flat part of the bracket, over the top of the furring member, past notches on each side of the flange and back thereof, where the ends of the wire are twisted together and in doing so the furring member is brought into tight engagement with the bracket. When the furring member is laid with its greater cross-sectional dimension upon the flat of the bracket, the wire is engaged in the lower notches of the flange, whereas when the furring member is placed with its lesser cross-sectional dimension upon the flat of the bracket, the wire is engaged in the upper notches of the flange, as clearly illustrated in Fig. 1.

One advantage of the present construction is that it allows me to avail myself of the use of the ordinary channel bars as well as other forms of furring members; and, as above stated, the present construction permits the use of said channel bars, laid flat or stood on their sides.

While the notches in the sides of the flange can be dispensed with if desired, nevertheless it will be found to be a convenient and desirable expedient to obviate slippage of the tie wire along the length of the flange as well as providing a tighter grip upon the furring member, and thereby prevent its undesirable shifting relative to the bracket.

Accordingly, the present invention affords a simple, mechanical furring system capable of speedy and economical erection, as well as providing the rigidity necessary for rapid, accurate lathing and plastering.

Having described my invention, what I claim is:

A furring structure comprising a socket, a flat, adjustable bracket member slidably mounted therein and terminating in an upturned flange notched at spaced vertical points along the sides thereof, a furring member substantially greater in one cross-sectional dimension than in the other carried by said bracket, and a wire tying said furring member to the flat and flange parts of said bracket, said wire being engaged in the lower notches when the furring member is laid with its greater cross-sectional dimension on the flat of the bracket, and said wire being engaged in the upper notches when the furring member is disposed with its lesser cross-sectional dimension on the flat of the bracket.

CHARLES K. NICHOLS.