June 15, 1937. G. H. REED 2,083,615

SUPPORTING AND ANCHORING MEANS FOR WIRE LATHING

Filed Oct. 15, 1936

Fig. 1.

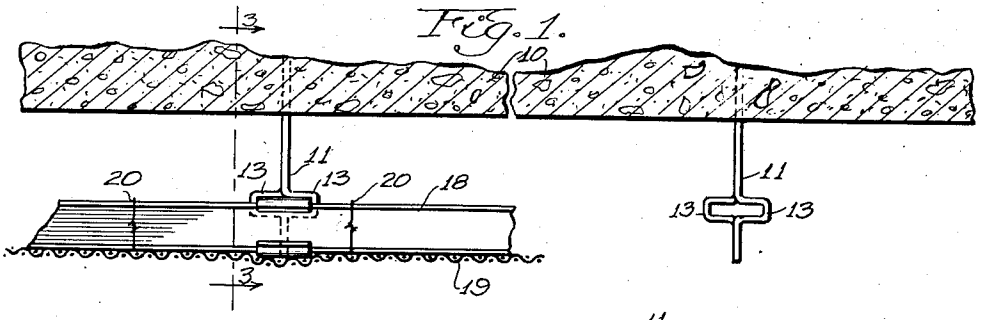
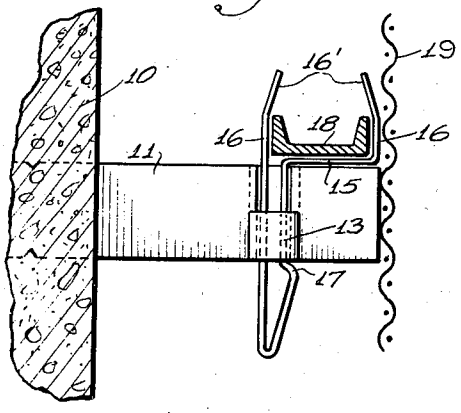


Fig. 3.



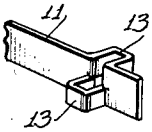


Fig. 2.

Fig. 4.

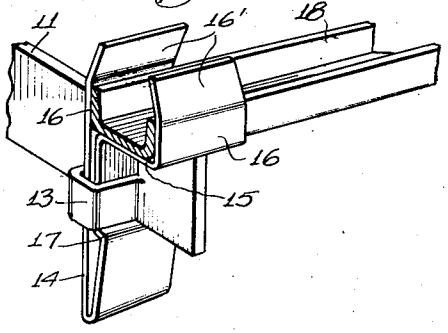


Fig. 5.

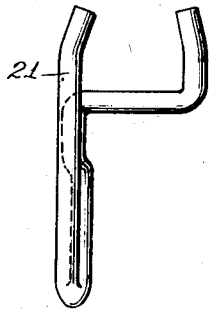
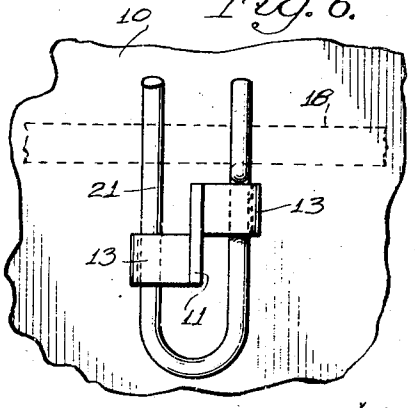


Fig. 6.



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SUPPORTING AND ANCHORING MEANS FOR WIRE LATHING

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Application October 15, 1936, Serial No. 105,641

6 Claims. (Cl. 72—118)

The main objects of this invention are to provide an improved form of furring and more particularly to provide an improved furring for supporting and anchoring wire lathing to a wall of concrete or the like; to provide an improved furring which is adapted to reinforce the wire lathing so as to prevent warping or buckling of the latter; and to provide an improved furring of this kind which is sturdy and inexpensive and which may be readily applied even by unskilled labor.

Illustrative embodiments of this invention are shown in the accompanying drawing, wherein:—

Fig. 1 is a fragmentary horizontal section, broken out, showing the device applied to a concrete wall.

Fig. 2 is a perspective detail view of the forward portion of the tie band.

Fig. 3 is an enlarged vertical section on the line 3—3 of Fig. 1.

Fig. 4 is a fragmentary perspective view showing a reinforcing bar seated in one of the supporting clips.

Fig. 5 is a side elevation of a modified form of clip made from wire.

Fig. 6 is a fragmentary elevation, showing the clip of Fig. 5 mounted on one of the tie bands.

Referring to the drawing, 10 designates a portion of a concrete wall to which the furring is applied. 11 designates each of the tie bands, which, in the form of the invention illustrated in Figs. 1 to 4 inclusive, consists of a flat metal band the rear portion of which is embedded in the wall 10 and the forward portion of which projects forwardly of said wall. In the projecting portion of the band are lateral vertically offset loops 13. A clip for supporting and confining a reinforcing bar is bent to shape from a flat metal strip and comprises a shank portion 14 that is passed through the loops 13 and a generally U-shaped head portion comprising a bottom limb 15 that seats on the top edge of the tie band 11 and vertical sides 16 terminating in upwardly convergent end portions 16'. One limb of the shank 14 has an offset shoulder 17 that, through engagement with the lower edge of the lower loop 13, prevents accidental upward displacement of the clip.

A furring bar 18 that reinforces the facing, preferably of the channel form shown, is seated in the several heads of the clips and is confined against upward displacement by the convergent upper end portions 16' of the sides 16 of the clip heads.

19 designates the wire lathing of the facing which lies in contact with the outer edges of the furring bars 18 and is attached to the latter at intervals by tie wires 20.

The clip 21 shown in Figs. 5 and 6 has the same structural form as the clip above described and cooperates with the tie band 11 and the furring bar 18 in the same way, but is shaped from a length of rod or heavy wire stock instead of from a flat metal strip.

Variations in the structural details may be resorted to within the scope of the invention as defined in the appended claims.

I claim:

1. Furring for anchoring a facing to a wall comprising a plurality of tie bands adapted to be mounted on the wall with portions of the bands projecting substantially horizontally beyond one face of the wall, each of said tie bands having a lateral loop in the projecting portion thereof, a plurality of clips supported by said tie bands, each of said clips having a shank extending through said loop, the upper end of said shank being bent to form a substantially U-shaped seat resting on the top edge of its associated tie band, a plurality of furring bars seated in the U-shaped seats of said clips, and fastening means for securing the facing to said bars.

2. Furring for anchoring a facing to a wall comprising a plurality of tie bands adapted to be mounted on the wall with portions of the bands projecting substantially horizontally beyond one face of the wall, each of said tie bands having a lateral loop in the projecting portion thereof, a plurality of clips supported by said tie bands, each of said clips having a shank extending through said loop, the upper end of said shank being bent to form a substantially U-shaped seat, a shoulder on said shank coacting with the adjacent tie band to secure said shank against accidental withdrawal from the loop, a plurality of furring bars seated in the U-shaped seats of said clips, and fastening means for securing the facing to said bars.

3. In a device of the class described, a concrete wall, a plurality of flat tie bands embedded in said wall in a widthwise vertical disposition with portions of the bands projecting substantially horizontally beyond a face of the wall, said bands having loops extending laterally of the sides thereof, clips each having a shank extending through said loops and a U-shaped head resting on the top edge of a tie band and forming a seat for a furring bar, and a furring bar in said heads supported on said seats.

4. In a device of the class described, a concrete wall, a plurality of flat tie bands embedded in said wall in a widthwise vertical disposition with portions of the bands projecting substantially horizontally beyond a face of the wall, said bands having loops extending laterally of the sides thereof, clips each having a narrow U-shaped shank extending through said loops and a wider U-shaped head resting on the top edge of a tie band and forming a seat for a furring bar, one limb of said shank having a shoulder engaged with the bottom edge of the tie band to prevent upward displacement of the clip, and a furring bar in said heads supported on said seats.

5. In a device of the class described, a concrete wall, a plurality of flat tie bands embedded in said wall in a widthwise vertical disposition with portions of the bands projecting substantially horizontally beyond a face of the wall, said bands having loops extending laterally of the sides thereof, clips each bent to shape from a flat metal strip and comprising a narrow U-shaped shank extending downwardly through said loops and a wider U-shaped head resting on the top edge of a tie band and forming a seat for a furring bar, the upper portions of the sides of the head being upwardly convergent to prevent upward displacement of the furring bar, and a furring bar in said heads supported on said seats.

6. In a device of the class described, a concrete wall, a plurality of flat tie bands embedded in said wall in a widthwise vertical disposition with portions of the bands projecting substantially horizontally beyond a face of the wall, said bands having loops extending laterally of the sides thereof, clips each bent to shape from a flat metal strip and comprising a narrow U-shaped shank extending downwardly through said loops and a wider U-shaped head resting on the top edge of a tie band and forming a seat for a furring bar, one limb of said shank being formed with a laterally offset shoulder engaged with the bottom edge of the tie band to prevent upward displacement of the clip, and the upper portions of the sides of the head being upwardly convergent to prevent upward displacement of the furring bar, and a furring bar in said heads supported on said seats.

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