May 31, 1949. R. A. RICHARDS 2,471,584

BRICK CLIP

Filed Oct. 28, 1947

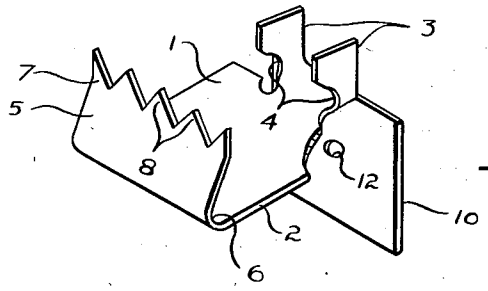


FIG. 1.

FIG. 2.

FIG. 3.

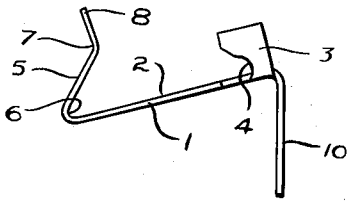
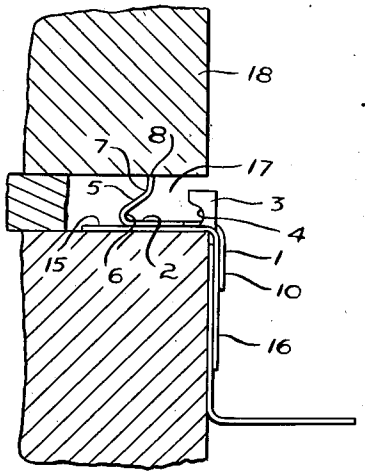
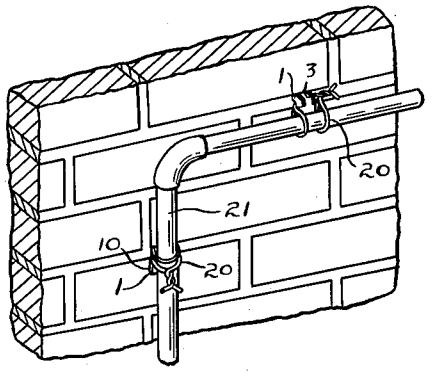


FIG. 4.





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BRICK CLIP

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4 Claims. (Cl. 248—71)

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My invention relates to improvements in brick clips.

The object of the invention is to provide a device having great holding powers by which roof flashing, water pipes, sign plates, etc., may be securely attached to brick or other walls.

The invention contemplates the use of a short strip of spring material having suitable bends and a serrated edge to resiliently grip the upper side of a recess formed in a wall and retain itself therein, as will be more fully described in the following specification and shown in the accompanying drawings, in which—

Fig. 1 is a perspective view of the invention.

Fig. 2 is a side elevational view of the device before installation.

Fig. 3 is a side elevational view showing the invention in use for holding roof flashing in place.

Fig. 4 is a perspective view showing the invention being used to support a water pipe.

In the drawings like characters of reference indicate corresponding parts in each figure.

The numeral 1 indicates generally a strip of sheet material having a centre or base portion 2 which serves as a bearing surface for the device. The outer end of the portion 2 is provided with spaced upwardly turned wings 3 having notches 4. The inner portion 5 is rearwardly folded at an acute angle as at 6 and its free end is upwardly bent as at 7 and provided with gripping teeth 8. The outer or face portion 10 is bent downwardly to a position more than ninety degrees from the plane of the centre portion 2 and is provided with an aperture 12.

When the clip is to be used for holding cap flashing as shown in Figure 3, the horizontal portion 15 of the flashing 16 is inserted into the raked out recess or joint 17 of the brickwork 18 and clips are inserted at suitable intervals therealong, said clips being driven in until the downwardly bent face portion 10 is flush with the brickwork and at an angle of ninety degrees to the base or centre portion 2, which centre portion is in firm contact with the lower side of the recess 17. When in this position, the face portion 10 exerts an outward tension on the free end portion 7 and the teeth 8 to ensure a secure grip upon the upper side of said recess. The wings 3 are enclosed within the recess 17 and

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will be substantially buried in mortar when the recess is filled with mortar or cement and pointed in the usual way.

If the clip is to be used as a clip for supporting pipes or other fittings, it is inserted as above into recesses formed in the joints of brickwork or concrete and wires 20 are slipped behind into the notches 4 of the wings 3 and are used for tying pipes 21 to the face of the brickwork. Additional security may be given, if necessary, to the clips by driving a nail through the aperture 12 of the face portion 10 into a vertical joint in the brickwork. Obviously the recesses into which the clips are set may be pointed with mortar after the wire ties are set in place.

What I claim as my invention is:

1. A supporting clip adapted for insertion into brickwork joints or like recesses comprising a piece of strip material having a horizontal base adapted to rest on the lower side of the recess, an inner portion folded over the base to engage the upper side of the recess, a forward portion extended downwardly from the base portion to engage the marginal face of the recess, and an upwardly turned wing struck out from the strip material adapted to be engaged by a material supporting tie.

2. A supporting clip adapted for insertion into brickwork joints or like recesses comprising a piece of strip material having a horizontal base adapted to rest on the lower side of the recess, an inner portion folded over the base to engage the upper side of the recess, a forward portion extended downwardly from the base portion to engage the marginal face of the recess, and an upwardly turned wing struck out from the strip material to project above the base, said wing being adapted to be engaged by a material supporting tie.

3. A supporting clip adapted for insertion into brickwork joints or like recesses comprising a piece of strip material having a horizontal base adapted to rest on the lower side of the recess, an inner portion folded over the base to engage the upper side of the recess, a forward portion extended downwardly from the base portion to engage the marginal face of the recess and an upwardly turned wing struck out from the strip material to project above the base, said wing

being notched intermediate its height to receive a material supporting tie.

4. A supporting clip adapted for insertion into brickwork joints or like recesses comprising a piece of strip material having a horizontal base adapted to rest on the lower side of the recess, an inner portion folded over the base to engage the upper side of the recess, a forward portion extended downwardly from the base portion to engage the marginal face of the recess, and a pair of upwardly turned wings struck out from the sides of the strip material to project vertically above the base, the plane of each of said wings extending substantially lengthwise of the strip material.

RONALD ALFRED RICHARDS.

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The following references are of record in the file of this patent:

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