

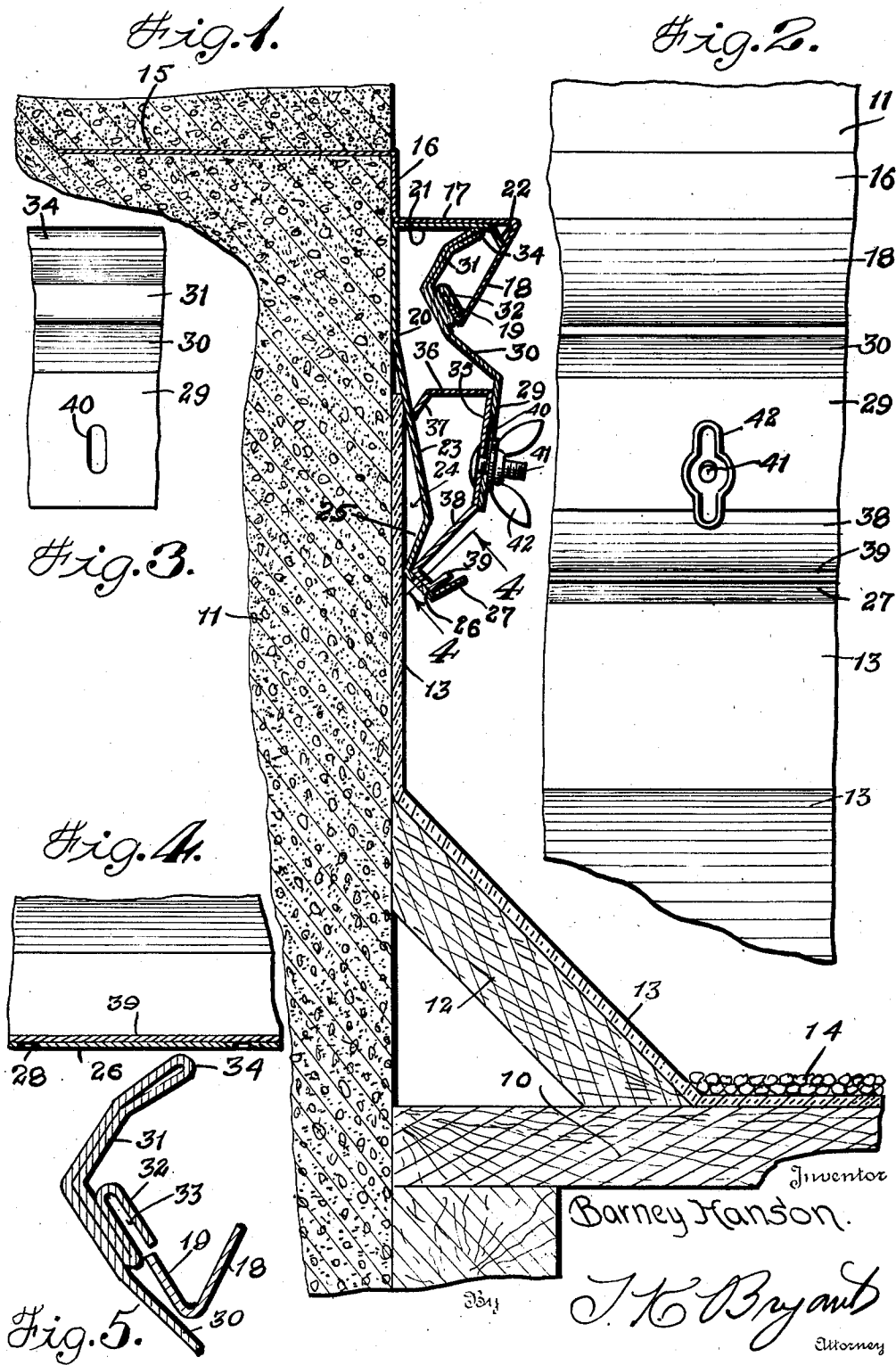
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REGLET AND COUNTERFLASHING SECURING MEMBER

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REGLET AND COUNTERFLASHING
SECURING MEMBER

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6 Claims. (Cl. 108—26)

This invention relates to certain new and useful improvements in reglet and counterflashing securing members.

The invention relating to flashing constructions, there is provided a reglet preferably made from sheet metal and adapted to be secured to a part of a building, such as a chimney, parapet wall or the like at a point above the building roof and having a counterflashing plate interfittingly engaged therewith and locked thereto by an adjustable clip which is readily operable to permit removal of the counterflashing plate for repair or replacement or for the replacement of roofing felts that extends upwardly under the flashing construction.

With the above and other objects in view that will become apparent as the nature of the invention is better understood, the same consists in the novel form, combination and arrangement of parts hereinafter more fully described, shown in the accompanying drawing and claimed.

In the drawing:

Figure 1 is a vertical fragmentary sectional view of a roof structure with a wall rising therefrom with the reglet and counterflashing plate attached to the wall construction and locked in assembled relation by the adjustable clip;

Figure 2 is a fragmentary front elevational view of the wall above the roof structure with the flashing in position;

Figure 3 is a fragmentary elevational view of one of the members of the adjustable clip showing a slotted opening therein providing adjustment between the two parts of the clip;

Figure 4 is a detail sectional view taken on line 4—4 of Figure 1; and

Figure 5 is an enlarged fragmentary sectional view showing interfitting parts of the upper flashing plate or reglet and the upper section of the clip.

In the accompanying drawing, the roof is designated in general by the reference character 10 with a chimney, parapet wall 11 or the like perpendicularly rising from the roof. A cant strip 12 extends between the roof 10 and wall 11 and the covering for said roof includes a felt or other flexible strip 13 extending over the roof 10, the cant 12 bent upwardly for the desired distance on the outer face of the wall 11. Gravel 14 or the like is illustrated in Figure 1 as being adhesively or otherwise secured to the flexible sheet 13 overlying the roof 10.

The flashing construction includes an upper flashing plate or reglet with a horizontal portion 15 embedded in the wall 11 during the construc-

tion of the latter, the reglet further including a depending plate portion 16 flatly engaged with the outer face of the wall 11, the wall 16 carrying an outwardly directed horizontal wall portion 17 that has a depending and inwardly inclined strip 18 that terminates in an inwardly and upwardly inclined flange strip 19, the lower edge of the strip 18 and flange strip 19 being disposed in a plane above the upper end of the flexible roof sheet 13 as illustrated in Figure 1.

The counterflashing plate associated with the reglet includes a flat wall portion 20 that flatly engages the outer face of the wall 11, the upper end of the wall 20 carrying an outwardly directed horizontal wall portion 21 that flatly engages the bottom face of the wall portion 17 of the reglet, the wall portion 21 being bent downwardly and outwardly to provide a flange strip 22 that engages the inner face of the strip 18 of the reglet. The lower edge of the straight wall portion 20 of the counterflashing plate approximates the plane of the lower edge of the strip 18 of the reglet and said plate section 20 is angularly directed outwardly as at 23 away from the outer face of the wall 11 to provide a pocket 24, into which the upper end of the flexible roofing sheet 13 extends. The lower edge of the outwardly directed wall section 23 of the counterflashing plate carries a channel member having a side wall 25 extending at an angle from the lower edge of the wall section 23 toward the building wall 11, a bottom wall 26 and an outwardly directed opposite side wall 27, the bottom wall 26 being provided with drain openings 28. The angle edge connection between the side wall 25 and bottom wall 26 of the channel member at the lower end of the counterflashing plate bears against the flexible roofing sheet 13 as shown in Figure 1.

The locking clip for holding the reglet and counterflashing plate in assembled relation as well as moving the counterflashing plate into binding engagement with the flexible roofing sheet 13 comprises a pair of adjustably connected members, preferably formed of sheet metal, the upper member being interfittingly engaged with the reglet and upper end of the counterflashing plate while the lower member thereof is bindingly and interfittingly engaged with the counterflashing plate. The upper section of the adjustable clip comprises a plate portion 29 having a portion 30 extending at an angle therefrom that is angularly bent and folded upon itself as shown at 31 with the terminal end of the return-bent portion bent as at 32 to provide a groove or channel 33 for the reception of the flange strip 19 of the

reglet and when so disposed, the upper terminal end 34 of the return-bent portion 31 is engaged with the bottom face of the wall section 21 of the counterflashing plate as shown in Figure 1.

5 The lower section of the clip comprises a flat plate section 35 engaged with the inner face of the plate section 29 of the upper section of the clip, the upper end of the plate 25 being angularly bent substantially at right angles thereto as at 36 with the free end of the bent portion 36

10 further bent to provide a flange strip 37 that is engaged with the inclined wall section 23 of the counterflashing plate. The lower end of the flat plate section 35 of the lower section of the clip is angularly bent in a downward and inward direction as at 38 with the lower end of said section 38 bent outwardly and upwardly as at 39 to provide a lower bearing foot, that is received in the channel member at the lower end of the

15 flashing plate.

The reglet is embedded in the wall 11 during the construction of the latter, the flexible roofing sheet 13 then laid with a portion thereof extending upwardly over the cant 12 and outer face of the wall 11 as shown in Figure 1, being preferably adhesively secured. The counterflashing plate is then interfittingly engaged with the reglet and the adjustable sections of the clip are moved toward each other by means of the slotted

20 opening 40 in the flat plate section 29 of the upper section of the clip in combination with the headed screw bolt 41 that passes through an opening in the plate section 35 of the lower part of the clip for the reception of the thumb nut

25 42 on the projecting threaded end of the bolt that extends through the slotted opening 40. The upper section of the adjustable clip is manipulated to cause the flange strip 19 of the reglet to be received in the channel 33 as shown in Figure 1 with the upper terminal end 34 of the upper clip section engaged with the wall section 21 of the counterflashing plate. The lower section of the clip is then lowered with respect to the upper section by means of the adjustable connection

30 between the two sections for moving the flange 37 upon the lower section of the clip into binding engagement with the inclined wall portion 23 of the counterflashing plate while the foot 39 at the lower end of the lower clip section is received in the channel at the lower end of the lower clip section for binding engagement therein and for moving the angle shoulder at one side of the channel into binding engagement with the flexible roofing sheet 13 with the clip parts then

35 locked in fixed relation by the thumb nut 42. The reglet and counterflashing plate are held relatively immovable by the adjustable clip for the retention of the upper edge of the flexible roofing sheet 13 in its proper position.

40 While there is herein shown and described the preferred embodiment of the invention, it is nevertheless to be understood that minor changes may be made therein without departing from the spirit, and scope of the invention as claimed.

I claim:

1. In a flashing construction of the character described, a reglet having an exposed angular wall providing an inwardly and upwardly directed flange strip, a counterflashing plate having an upper angular end interfitting in the angular wall of the reglet above the flange strip and a channel member at its lower end, and a locking clip for holding the reglet and counterflashing plate in assembled relation interlockingly engaged with the reglet flange strip and the counterflashing plate channel member and operative for holding the upper end of the counterflashing plate stationary while depressing the lower end thereof.

2. A flashing construction as set forth in claim 1, characterized by the upper end of the counterflashing plate being flatly engaged with a part of the angle wall of the reglet and the upper end of the clip being engaged with the upper end of the counterflashing plate above the interlocking connection between said plate and clip.

3. A flashing construction as set forth in claim 1, characterized by the upper end of the counterflashing plate being flatly engaged with a part of the angle wall of the reglet and the upper end of the clip being engaged with the upper end of the counterflashing plate above the interlocking connection between said plate and clip, and said clip being formed of upper and lower expansible sections and means for holding the sections in expanded positions.

4. A flashing construction as set forth in claim 1, characterized by said clip being formed of upper and lower expansible sections and means for holding the sections in expanded positions.

5. A flashing construction as set forth in claim 1, characterized by the upper end of the counterflashing plate being flatly engaged with a part of the angle wall of the reglet and the upper end of the clip being engaged with the upper end of the counterflashing plate above the interlocking connection between said plate and clip, and said clip being formed of upper and lower expansible sections and means for holding the sections in expanded positions, the counterflashing plate having an angular wall portion directed toward said clip and the lower section of the clip having an angle wall portion extending toward and adapted to be bindingly engaged with said angular wall portion when the clip sections are expanded.

6. A flashing construction as set forth in claim 1, characterized by said clip being formed of upper and lower expansible sections and means for holding the sections in expanded positions, the counterflashing plate having an angular wall portion directed toward said clip and the lower section of the clip having an angle wall portion extending toward and adapted to be bindingly engaged with said angular wall portion when the clip sections are expanded.

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