Feb. 24, 1959 C. L. McCLUNEY 2,874,654

FLASHING

Filed April 16, 1953

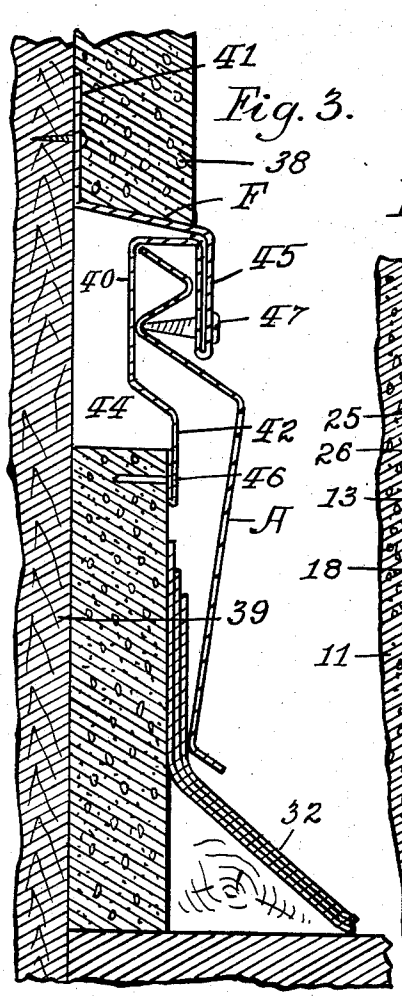


Fig. 3.

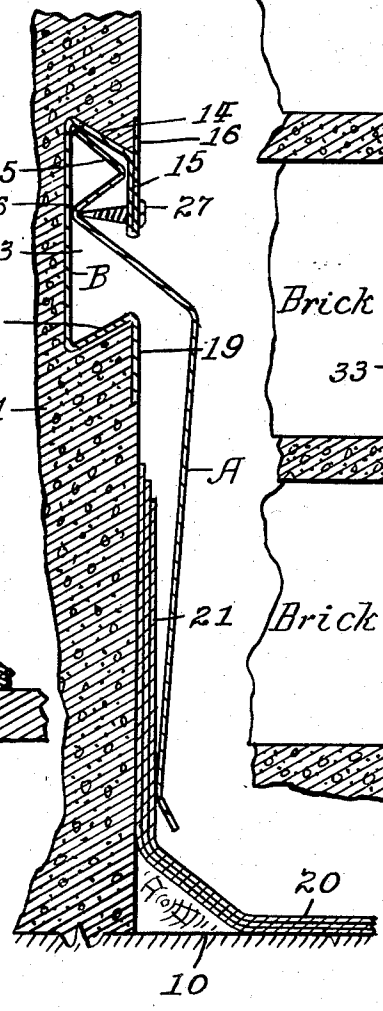


Fig. 1.

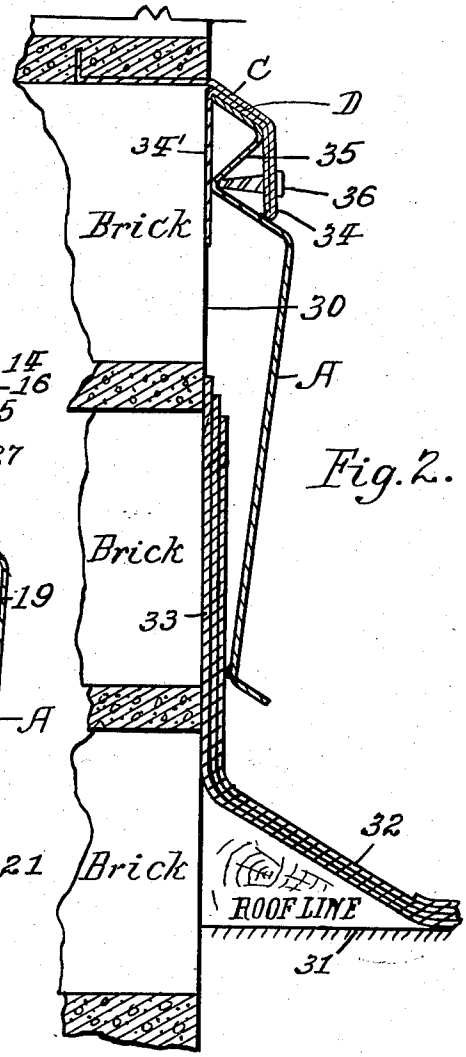


Fig. 2.

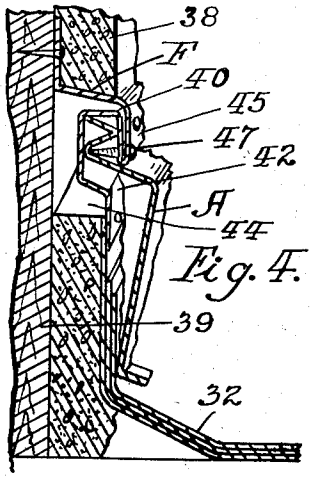


Fig. 4.

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FLASHING

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2 Claims. (Cl. 108—26)

This invention relates to flashing which is used for shedding water and condensation from roofs and other structures. Among objects of my invention is to provide an improved combined flashing and reglet which is so disposed in relation to a side wall and adjoining roof or floor surface of a building structure as to produce a durable leak proof connection. A further object is to provide improved means whereby a reglet and counterflashing are so applied as to be equally applicable to a building composed of concrete, stucco, brick or other types of structures. A particular but not exclusive advantage attained by my improved construction is that counter flashing is so held that it can be easily removed and replaced thus permitting old or new roofing to be applied.

In the accompanying drawings forming part of this specification, Fig. 1 is a vertical section of a detail portion of a building structure composed partly of concrete, showing my improved combined flashing and reglet applied to its roof and side wall; Fig. 2 is a vertical sectional view of a detail portion of a cement structure, showing my improved combined flashing and reglet applied to its roof and the adjacent parapet wall; Fig. 3 is a vertical sectional view of a detail portion of a building structure composed of stucco type showing my improved combined flashing and reglet applied to its roof and parapet wall; and Fig. 4 is a fragmental vertical section, partly in perspective and at reduced scale, showing my improved flashing when applied in use.

Referring to Fig. 1, portions of a roof **10** and adjacent parapet wall **11** of a building structure, composed of concrete is shown, to which my improved counter flashing A and companion reglet B are applied. The reglet B which is composed of sheet metal or other suitable material is bent into the form of a longitudinal and outwardly converging channel member **13**. The upper longitudinal wall **14** of said channel converges laterally and extends downwardly so as to form an outer drip flange and abutment **15**. The longitudinal edge portion of the drip flange abutment **15** is doubled upwardly and its outer end portion **16** overlaps and is seated in the outer face of the parapet wall **11**. The upper and lower sides **14** and **18** of the channel in the reglet thus converge outwardly. The outer end portion of the lower side **18** is struck downwardly and formed with a flange **19** which is sealed in the outer surface of the concrete wall in substantial alignment with the upper drip flange **15**.

The roof portion indicated by **10** of a building structure is shown covered by layers of composition roofing **20**, the edge portion thereof being flashed upwardly at **21** in the usual manner over the lower outer surface of the parapet wall, as shown in Fig. 1, for the purpose of shedding water.

A removable thin sheet counter flashing A, shown in Fig. 1 and composed of metal or other suitable material is provided. This counter flashing is formed with an integral longitudinal V-shaped shoulder on its upper end. This shoulder **25** is adapted to extend into and tightly engage the wall of the transverse channel **13** in the reglet. The portion of the reglet below the inner end portion of the shoulder **25** is formed with a downwardly extended counter V-shaped shoulder **26**, with which a fastener, such as a set screw **27**, or other suitable means, when secured through the drip flange **15** is adapted to engage and hold the counter flashing A in place. The lower portion of the counter flashing is extended outwardly and

downwardly while tightly impressed over the upward roof flashing **21**.

The fastening means for holding the counter flashing A in the recessed reglet B may be by means of screws **27**, pins or other suitable fastening means.

In use the cooperating shapes of the reglet and counter flashing form durable and leak proof means for sealing flashing between a roof and wall of a building structure. Also the locking means **27** for securely fastening the counter flashing constitutes improved means of maximum simplicity by which a durable and highly effective leak proof joint is produced.

In Fig. 2 a modified form of my improved reglet and flashing is disclosed when applied to a brick parapet wall. In this modified construction a brick building or parapet wall **30** and the usual line of roof structure **31** are indicated. Layers of water proof roofing **32** having the usual up turned flashing **33** are intended to be laid on the roof surface. This roof surface structure employs a reglet C, having an over hanging longitudinal channel member D which is doubled upwardly and extended downwardly so as to form an outer drip flange **34** and an inner abutment **34'** against the brick wall **30**.

The flashing member A is substantially similar to the flashing member shown in Fig. 1. Its upper V-shaped end portion **35** is secured firmly in the reglet C by set screws such as **36** or other suitable means.

In the modified construction shown in Figs. 3 and 4, the reglet F is adapted to accommodate a construction in which a stucco surfacing such as **38** is applied on the wood frame structure **39**. The reglet F is shaped in cross section to accommodate the stucco surfacing and resembles a rectangular housing **40**, having an upper longitudinal flange **41**, which is secured in usual manner to the frame structure **39**. A lower longitudinal flange **42** is secured to said stucco surfacing by usual means such as nails **46** or other suitable means. A horizontal opening or slot **44** is provided in the stucco wall finish **38** so as to accommodate the housing **40**. In this modified construction of reglet the flashing element A, which is similar to the flashing member shown in Figs. 1 and 2 is secured in place in a similar manner as above described by screws **47** which are inserted through the drip flange **45** of the housing **40**.

It is intended that any suitable fasteners may be substituted in place of the screws **47**, **36** or **27** shown in Figs. 1, 2 and 3, within the spirit of the invention. It is also intended that the shape of the counter flashing may be modified in shape and construction within the spirit of the invention and the scope of the following claims.

I claim:

1. Flashing comprising a reglet adapted to be secured to a wall and having a drip flange thereon depending therefrom in spaced relation to the wall, a counter-flashing provided with an upstanding shoulder, substantially V-shaped in cross-section, adjacent its upper edge adapted to seat behind the said drip flange, and means for detachably securing said counter-flashing in position behind said drip flange, said means comprising a plurality of screws engaged in a plurality of screw openings in the said drip flange adjacent the bottom edge thereof with the forward ends of said screws engaging the counter-flashing surface adjacent to but below the shoulder thereon.

2. The flashing of claim 1, said reglet having a channel substantially U-shaped in cross-section, one arm of said channel comprising said drip flange.

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