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FLASHING CONSTRUCTION

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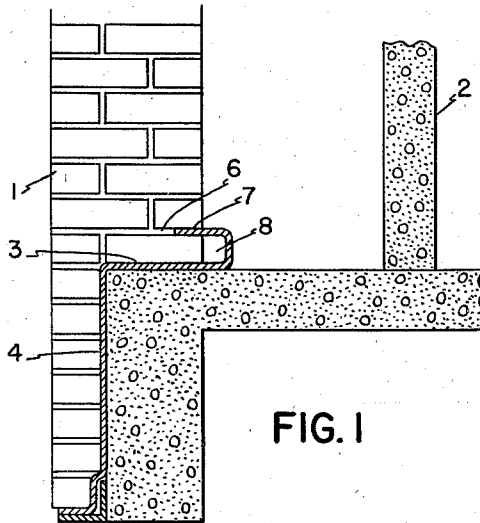


FIG. 1

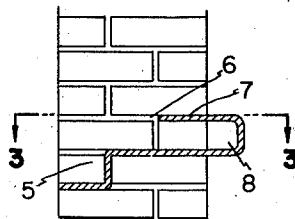


FIG. 2

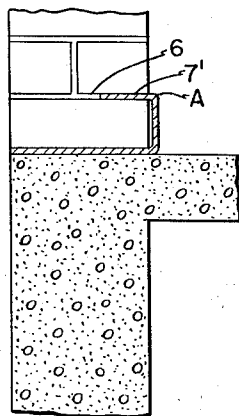


FIG. 4

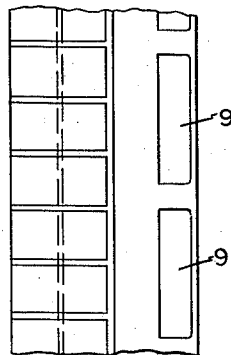


FIG. 3

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FLASHING CONSTRUCTION

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The present invention relates to an improvement in flashing construction and more particularly to a construction where there is a masonry wall and an interior finished wall spaced from the masonry wall. In such cases while the interior side of the masonry wall is not usually exposed to the external outdoor weather, there are conditions under which moisture may gather on the inside of the masonry wall, as for instance from seepage or condensation which it is highly desirable to carry off rather than permit to sink through the masonry or wall structure.

The present invention provides a flashing construction in which such moisture which may gather is efficiently and readily carried off. Further the construction according to the present invention provides a flashing which will not easily be damaged during construction either because of being struck or from mortar drippings in the turn up portion of the flashings. While the flashing is so constructed that a gutter may be provided by it, this need not be so and the flashing may simply serve as a through flashing in masonry construction.

The present invention will be more fully described in the specification below when taken in connection with the drawings illustrating an embodiment of the same, in which—

Figure 1 shows a section through a wall in which the invention is applied.

Figure 2 shows a modified application of the construction as shown in Figure 1.

Figure 3 shows a sectional view taken on the line 3—3 of Figure 2, and,

Figure 4 shows a modified form of the construction shown in Figure 1.

In the arrangement of Figure 1, 1 represents a masonry wall of brick or other type of block construction, while 2 is an inner finished wall which may be spaced apart from the wall 1 with an air space intervening. 3 represents a through flashing of copper or other suitable metal or alloy which extends from the inner side of the masonry wall to the outer side thereof. This flashing is laid on or in the mortar between layers of masonry and serves to block the moisture or water from seepings down through the wall.

The flashing may be extended vertically downward along the structure joining the interior and masonry wall for a distance as indicated by the portions 4 (Figure 1) or it may be carried through more directly as indicated at 5 (Figure 2). In either case the end of the flashing on the inner side of the outer wall is carried or turned up to the next mortar course 6 and turned into the

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wall there in the turned-in section 7, in Figures 1 and 2, and 7' in Figure 4. The chief difference in construction in Figure 4 from the other figures, is that in Figure 4 the flashing is kept close to the inside face of the wall, while in Figures 1 and 2 the flashing is permitted to project beyond the face forming a pocket or trough 8, which may be cut to form a gutter by removing sections at 9 of the top turned in portion 7 projecting from the inside face of the masonry wall.

In the application of this construction, the flashing is installed in the wall between the courses of blocks or bricks as indicated in Figures 1, 2 or 4. After the wall is set and the mortar is hard, the top exposed corner of the flashing on the inside of the wall may be cut through along the edge A of Figure 4, or as indicated in Figure 3, the windows 9 may be cut out on the top flashing surface whereby the overhanging channel serves as a gutter.

Having now described my invention, I claim:

1. A through flashing construction for a masonry wall comprising a flashing extending through the wall with the end on the inner side of the wall extending upwards and reentering the wall between the courses with an opening through the reentrant part of the flashing just before it enters the wall.

2. A through flashing construction for a masonry wall, comprising a horizontal flashing laid between courses and extending upwards on the inner face of the wall and reentering the wall between courses at a higher level than the first mentioned courses with an opening through the reentrant part of the flashing just before it enters the wall.

3. A through flashing construction for a masonry wall, comprising a horizontal flashing laid between courses and extending upwards on the inner face of the wall and reentering the wall at the first course above the first mentioned course with an opening through the reentrant part of the flashing just before it enters the wall.

4. A through flashing construction for a masonry wall, comprising a horizontal flashing laid between courses and extending upwards on the inner face of the wall and reentering the wall between courses at a higher level than the first mentioned courses, said reentered section extending only part way into the wall with an opening through the reentrant part of the flashing just before it enters the wall.

5. A through flashing construction for a masonry wall, comprising a horizontal flashing laid between courses and extending upwards on the

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inner face of the wall and reentering the wall between courses at a higher level than the first mentioned courses, said section of the flashing extending upwards being spaced away from the wall, the part of the flashing reentering the wall having an opening made therethrough between the wall and the portion extending upwards.

6. A through flashing construction for a masonry wall comprising a horizontal flashing laid between courses and extending upwards on the inner face of the wall and reentering the wall between courses at a higher level than the first mentioned courses, said section of the flashing extending upwards being spaced away from the wall, said portions of the flashing extending to the reentering portion having an opening therethrough, thereby forming a gutter with said horizontal portion beyond the wall and the upwardly extending portion.

7. A through flashing construction for a masonry wall comprising a horizontal flashing laid between courses and extending upwards on the inner face of the wall and reentering the wall between courses at a higher level than the first mentioned courses, said section of the flashing ex-

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tending upwards being spaced away from the wall, said reentering section away from the wall having a series of elongated slots therethrough between the position where the flashing reenters the wall and the spaced away upwardly extending portion.

8. A method of building a flashing into a wall which comprises setting in place a through flashing which has an upwardly extending section external of the wall and a reentrant section into the wall as the courses are being built up, permitting the wall to set and thereafter, after the mortar is set, cutting through the flashing of the reentrant section just externally of the wall whereby a gutter is formed.

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REFERENCES CITED

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

UNITED STATES PATENTS

Number	Name	Date
1,976,166	Friedberg	Oct. 9, 1934