

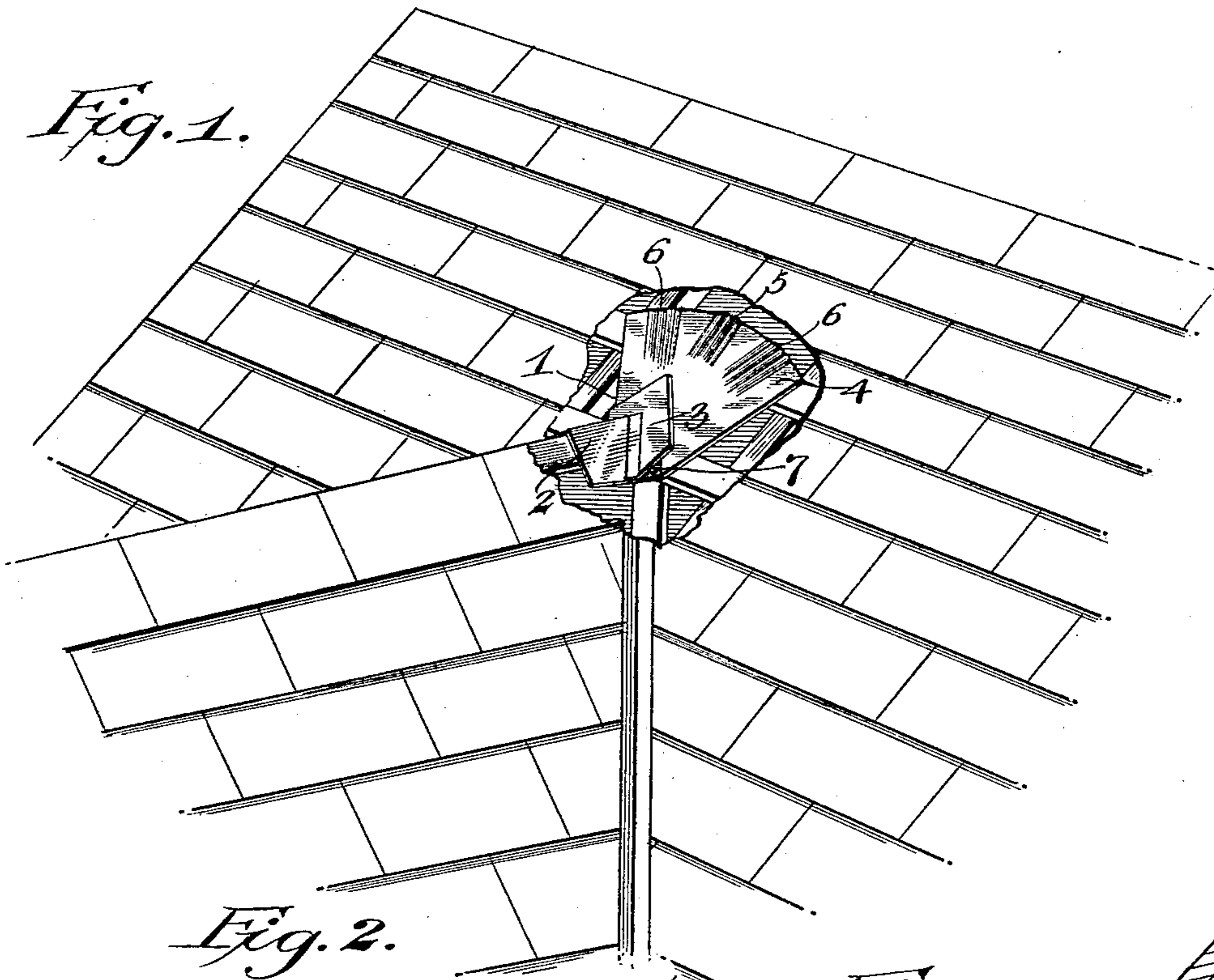
No. 618,074.

Patented Jan. 24, 1899.

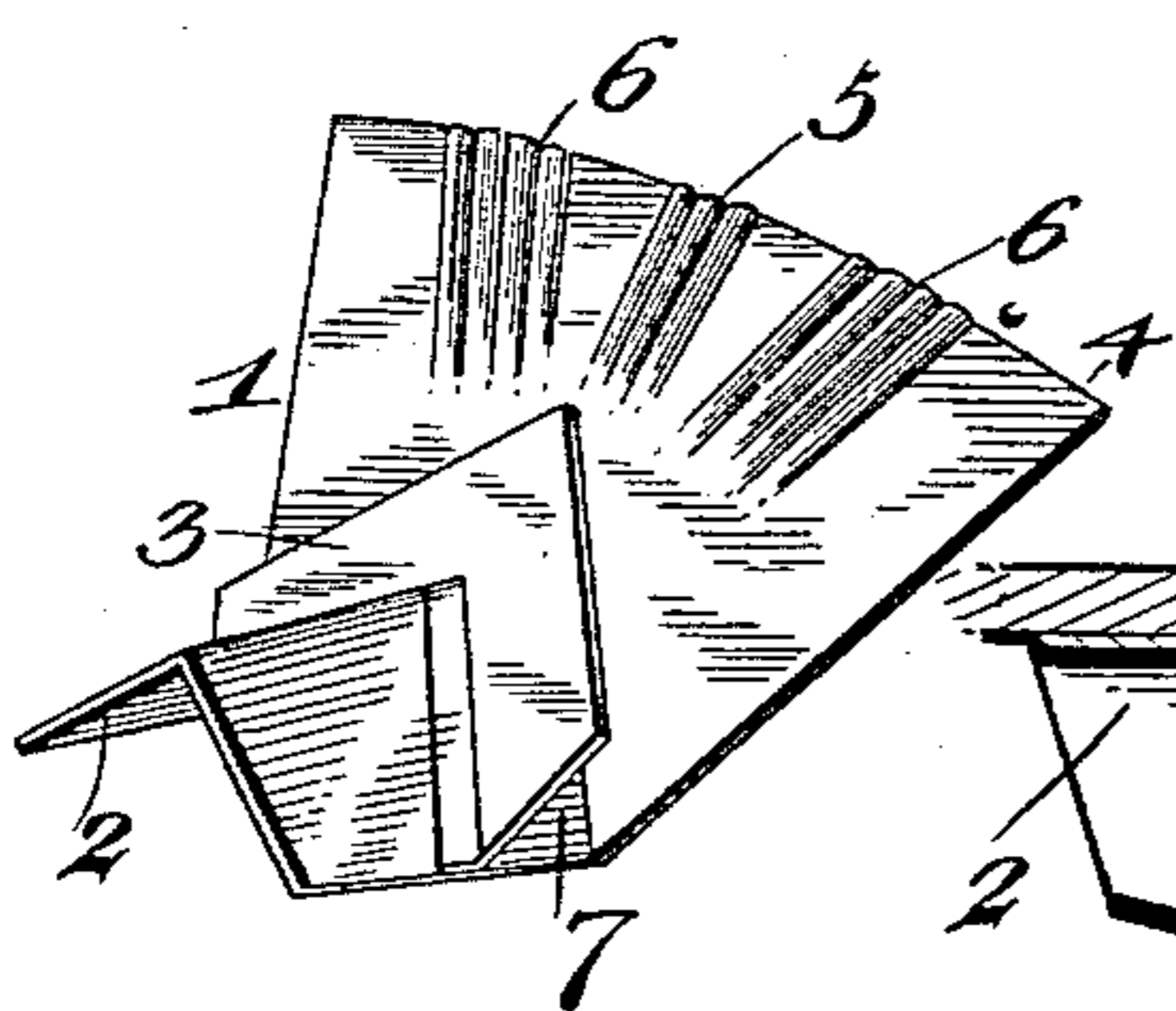
A. C. DYER.  
FLASHING FOR ROOFS.  
(Application filed Sept. 3, 1898.)

(No Model.)

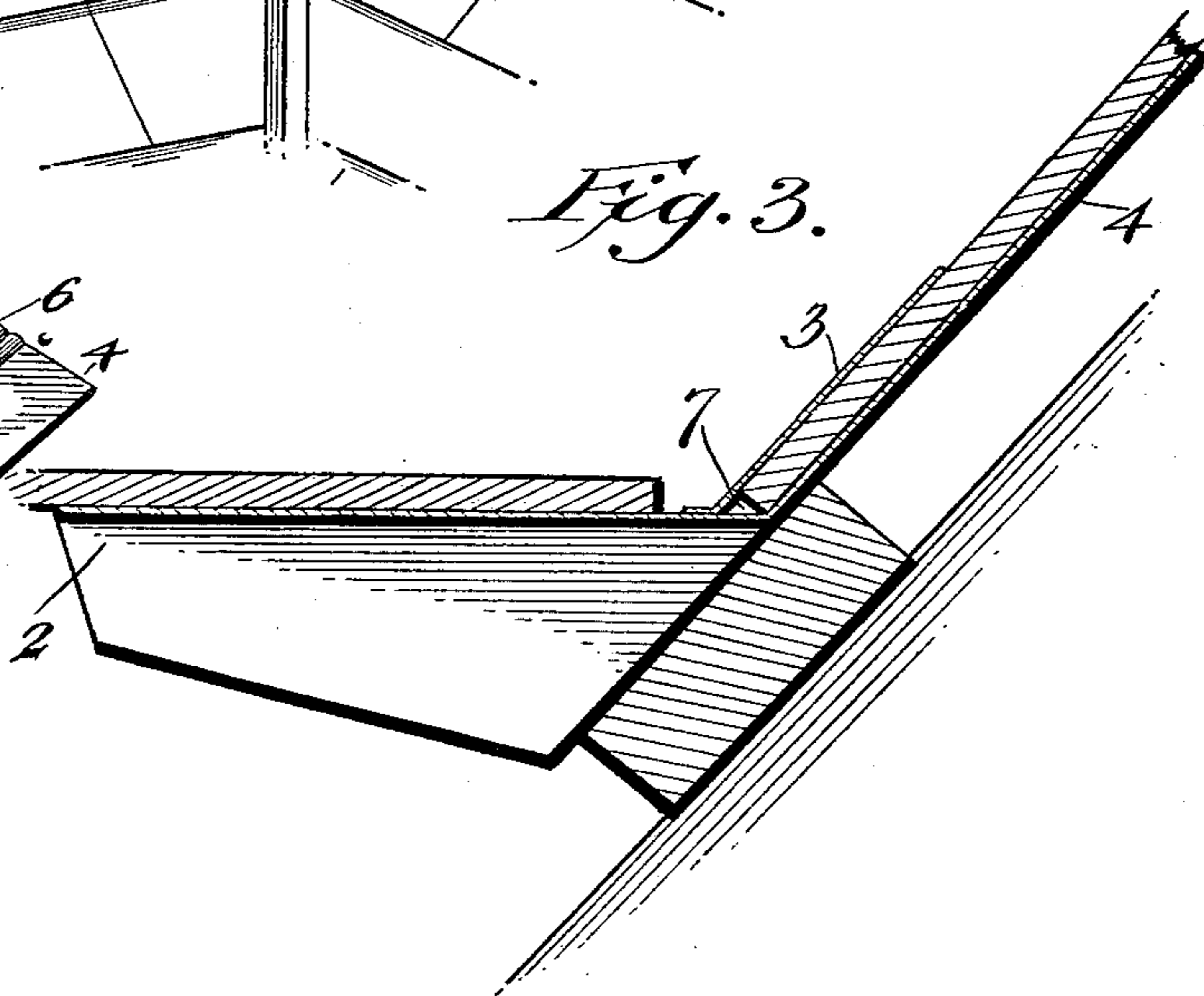
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses

*A. Roy Appleman*

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# UNITED STATES PATENT OFFICE.

ALBERT C. DYER, OF NEWPORT, MAINE.

## FLASHING FOR ROOFS.

SPECIFICATION forming part of Letters Patent No. 618,074, dated January 24, 1899.

Application filed September 3, 1898. Serial No. 690,219. (No model.)

*To all whom it may concern:*

Be it known that I, ALBERT C. DYER, a citizen of the United States, residing at Newport, in the county of Penobscot and State of Maine, have invented a new and useful Flashing for Roofs, of which the following is a specification.

My invention relates to flashing for shingle or slate roofing; and the object that I have in view is to provide an improved metallic flashing adapted to fit the angle formed at the ridge of an L extension by the valley-rafters with the roof of a building in a way to thoroughly exclude the rain from entering the joint and to receive the shingles.

A further object of the invention is to provide an improved flashing which may be readily adapted to roofs of different pitch, the article being made of sheet metal to enable it to be readily fitted in place.

With these ends in view the invention consists in the novel construction and arrangement of parts, which will be hereinafter fully described and claimed.

The invention is illustrated in the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a perspective view of a portion of a roof and its L extension with my flashing applied, the shingles being broken away around the flashing. Fig. 2 is a perspective of the flashing. Fig. 3 is a vertical section through the flashing, illustrating the rafters and the shingles or slates.

Like numerals of reference denote like and corresponding parts in each of the several figures of the drawings.

The flashing of my invention is designated in its entirety by the numeral 1, and it is made entirely of sheet metal of any suitable nature—as, for instance, of zinc, copper, iron, brass, tin, lead, &c. The flashing consists of a saddle 2, the check-flange 3, and the flashing-plate 4. The saddle has its members or sides inclined reversely to each other to render it of inverted-V shape, and this shape of the saddle adapts it to be fitted to the angle formed by the juncture of the valley-rafters. The flashing-plate 4 extends from one end of the saddle, and it has the corrugations 5 6. The corrugations 6 are on opposite sides of the corrugations 5, and all of these corrugations radiate from the apex of the saddle 2.

The check-flange 3 extends from the saddle adjacent to the flashing-plate, and said plate and flange are parallel to provide an intermediate groove or space 7, adapted for the reception of the shingles.

By providing the plate with the corrugations which radiate from a common line at the apex of the V-shaped saddle the plate may be readily adapted to roofs of different pitches. The saddle is designed to be fitted snugly at the angle formed by the valley-rafters over the ordinary flashing provided on said rafters, and the check-flange extends from the saddle a sufficient distance to receive the shingles and permit the saddle-board to extend over the saddle 2. If desired, however, the check-flange may extend high enough to receive the saddle-board and return over the latter. It will be understood that the flashing of my invention is applied to the roof before the shingle or other roofing is fastened in place, and this improved flashing is held in place by a small number of tacks or nails until the roofing is applied.

The improved flashing may be struck up by machinery from sheet metal, thus effecting economy in its manufacture; but, if desired, the flashing may be made in separate pieces to be assembled and united by hand. The operation of applying the flashing is as follows: After the ordinary flashing has been applied to the L extension of a building the improved flashing of my invention is fitted in place before the shingles are applied. The saddle 2 is adjusted to straddle the valley-rafters of the L extension, as shown by Fig. 1, and the flashing-plate fits to the sheathing of the inclined roof. The saddle and flashing-plate thus protect the joint between the roof and the ridge or valley rafters of the L extension, and the check flange 3 lies parallel to the flashing-plate in order to provide the space for the reception of the shingles which are applied to the roof and to the L extension to cover the improved flashing.

Slight changes may be made in the form and proportion of parts without departing from the spirit of the invention.

Having thus described the invention, what I claim is—

1. A roof-flashing comprising an angular saddle, and a flashing-plate extending at an

obtuse angle from the plane of the ridge of said saddle and having a series of corrugations which radiate from the saddle-ridge as the common center, substantially as described.

5 2. A roof-flashing consisting of an angular saddle, a check-flange extending from the saddle, and a flashing-plate joined to the saddle contiguous to the check-flange, substantially as described.

10 3. As a new article of manufacture, a sheet-metal roof-flashing consisting of an angular saddle, a flashing-plate rigid with the saddle and having a series of corrugations radiating

from the apex of the saddle, and a check-flange extending from the saddle contiguous to the 15 plate to leave an intermediate space for the reception of shingles, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in 20 the presence of two witnesses.

ALBERT C. DYER.

Witnesses:

C. H. MORRILL,  
RALPH H. DYER.