No. 618,797. Patented Jan. 31, 1899.

C. A. MANROW.

COMBINED ROOF CORNICE AND GUTTER.

(Application filed Sept. 9, 1898.)

(No Model.)

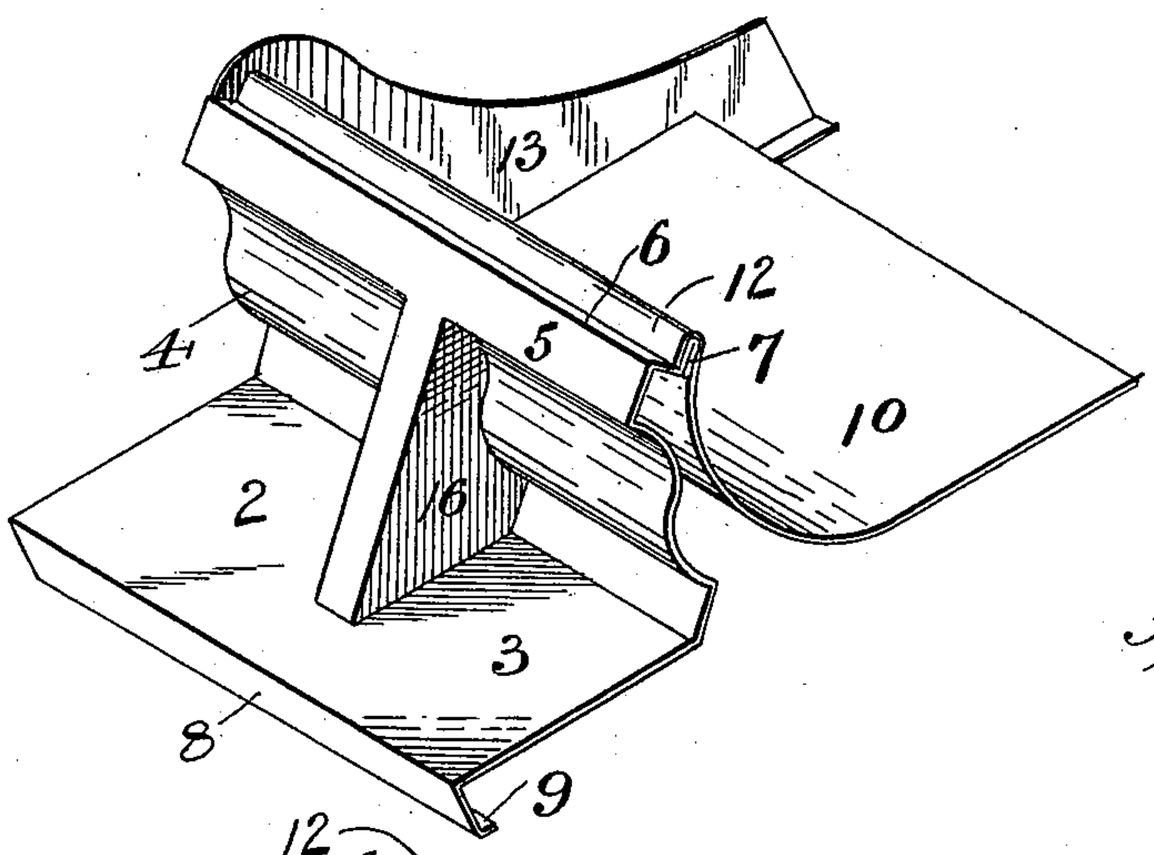

Fig. 1.

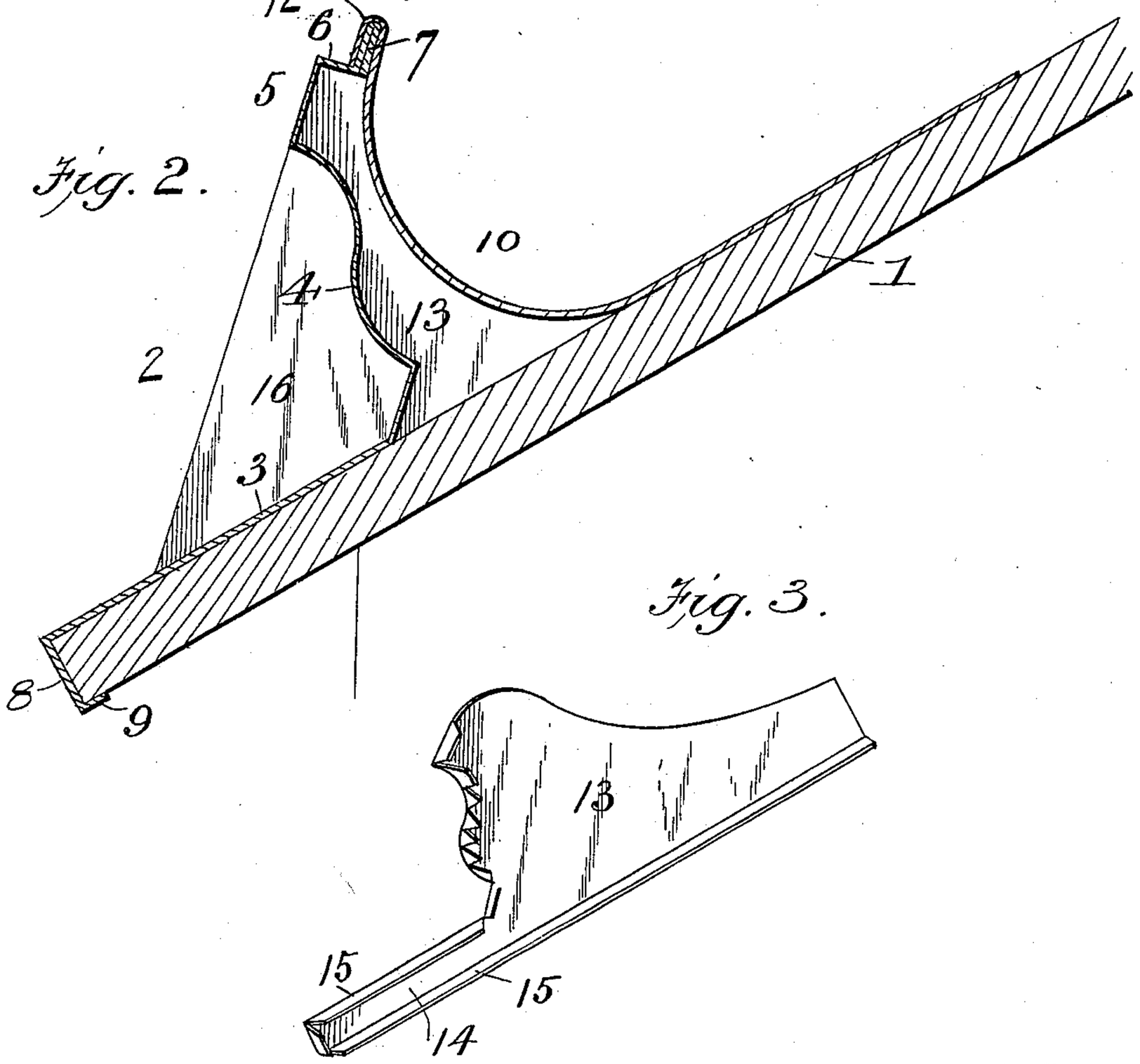

Fig. 2.

Fig. 3.

Witnesses:
Franck L. Durand
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UNITED STATES PATENT OFFICE.

CHARLES A. MANROW, OF GOSHEN, INDIANA, ASSIGNOR OF ONE-HALF TO WILLIAM E. MANROW, OF SAME PLACE.

COMBINED ROOF CORNICE AND GUTTER.

SPECIFICATION forming part of Letters Patent No. 618,797, dated January 31, 1899.

Application filed September 9, 1898. Serial No. 690,564. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. MANROW, a citizen of the United States, residing at Goshen, in the county of Elkhart and State of Indiana, have invented new and useful Improvements in a Combined Roof Cornice and Gutter, of which the following is a specification.

My invention relates to a combined sheet-metal cornice and gutter for the eaves of buildings; and its object is to provide an improved construction of the same which will present an ornamental appearance and will effectually carry off water and prevent snow from sliding off of a roof to the ground.

The invention consists in the novel construction and combination of parts hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view showing my improved cornice and gutter applied to a roof. Fig. 2 is a transverse sectional view of the cornice and gutter. Fig. 3 is a detail perspective view showing the end plate.

In the said drawings the reference-numeral 1 designates the inclined roof of an ordinary building, to the eaves of which the cornice and gutter are secured.

The numeral 2 designates the cornice, preferably made of galvanized iron and comprising the inclined portion 3, which rests on the roof, the curved ornamental portion 4, the upwardly and inwardly extending portions 5 and 6, the latter of which has its edge turned upwardly and then downwardly, forming a vertical flange 7. The lower edge of the inclined portion 3 is bent at a right angle, forming a portion 8, which engages with the eave, and its edge is bent upwardly, forming a flange 9, which overlaps the eave, to which it is secured by rivets or other fastening devices.

The numeral 10 designates the gutter, consisting of a curved metal plate or piece of sheet metal having its lower edge bent downwardly, forming a flange 12, which engages with the flange at the upper edge of the cornice and is secured thereto by rivets or other fastening devices. The opposite end of the gutter is nailed or otherwise secured to the roof or sheathing-boards.

The numeral 13 designates an end plate, also formed of sheet metal, having a downwardly-extending portion 14, which abuts against the inclined portion of the cornice and is also curved to conform to the shape of the ornamental portion of the cornice. These portions of said plate have their edges bent inwardly, forming flanges 15, which overlap the ends of the cornice and are secured thereto in any convenient manner.

The numeral 16 designates brackets secured to the outer side of the cornice at suitable distances apart to strengthen the same.

Having thus fully described my invention, what I claim is—

In a combined metal cornice and gutter for buildings, the combination with the cornice comprising the inclined portion having the lower end bent downwardly and inwardly, overlapping the edge of the roof and then extended upwardly and formed with ornamental convolutions and the upper end bent upwardly and then downwardly forming a double flange, and the roofing-plates curved upwardly forming a gutter and the ends bent downwardly overlapping the double flange, of the end plates conforming to the contour of the gutter having forward extensions leading to the front of the cornice and rearward extensions extending back of the gutter, the inwardly-extending flange at the lower side of said plates extending from end to end thereof and overlapping the edge of the roof and the lower ends formed with flanges overlapping the ends of the cornice, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

CHARLES A. MANROW.

Witnesses:
A. S. ZOOK,
W. H. CHARNLEY.