

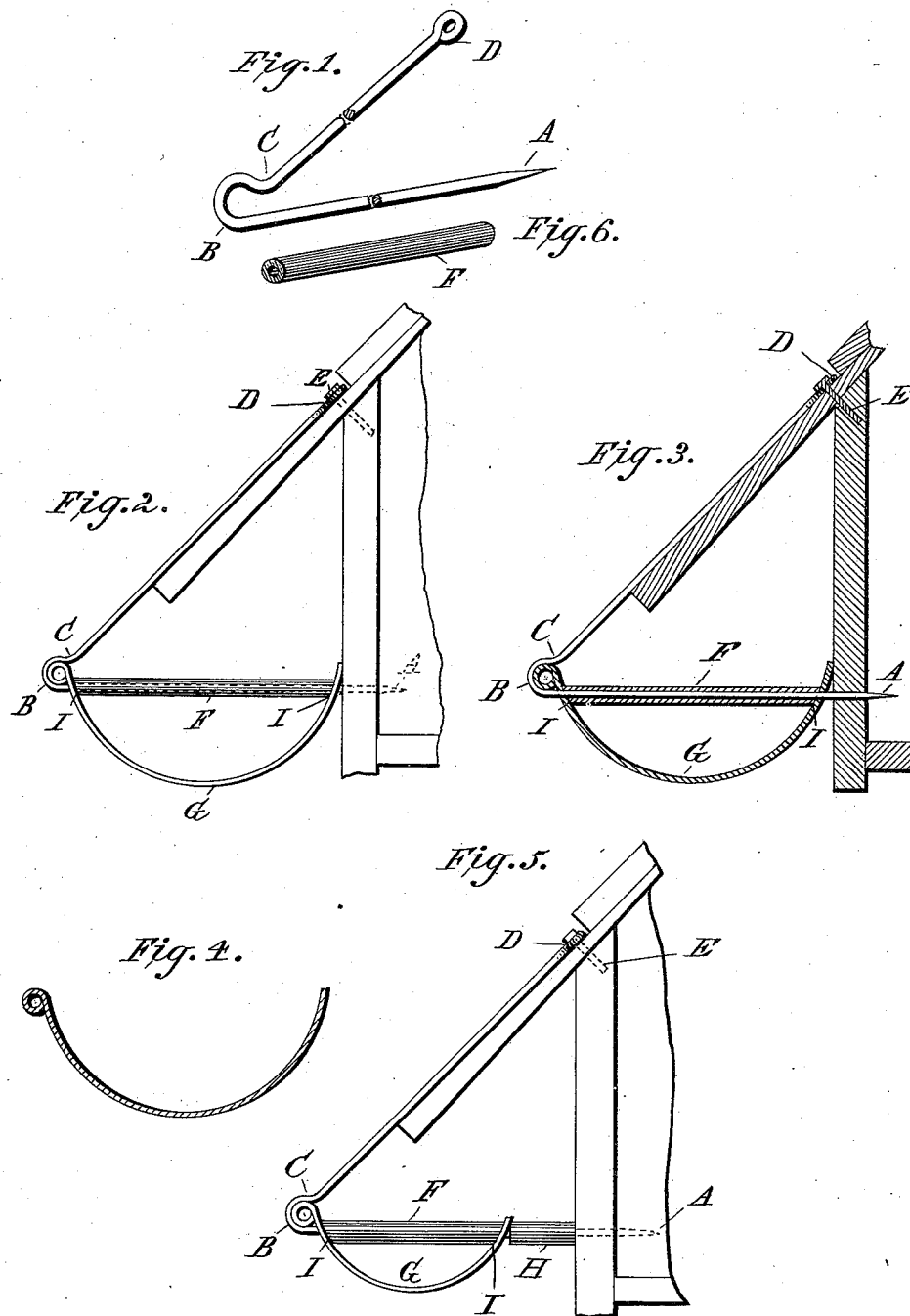
(No Model.)

C. C. FREDERICK.

MODE OF HANGING SHEET METAL GUTTERING TO THE EAVES OF HOUSES.

No. 381,770.

Patented Apr. 24, 1888.



Witnesses:

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# UNITED STATES PATENT OFFICE.

CARL C. FREDERICK, OF LANCASTER, MISSOURI.

MODE OF HANGING SHEET-METAL GUTTERING TO THE EAVES OF HOUSES.

SPECIFICATION forming part of Letters Patent No. 381,770, dated April 24, 1888.

Application filed May 17, 1887. Serial No. 238,562. (No model.)

*To all whom it may concern:*

Be it known that I, CARL C. FREDERICK, of the town of Lancaster, in the county of Schuyler and State of Missouri, have invented a new and Improved Mode of Hanging Sheet-Metal Gut-  
5 Gut-  
Guttering to the Eaves of Houses; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the let-  
10 ters of reference marked thereon, making a part of this specification.

The nature of my invention consists of the simplest and strongest method of hanging all kinds of sheet-metal gutters.

15 Figure 1 is a full-sized view of the hanger for a five-inch gutter. Fig. 2 is a perspective view of a gutter hung. Fig. 3 is the same. Fig. 4 is a sectional view of a gutter. Fig. 5 is the same as Figs. 2 and 3, but shows gutter  
20 spooled out from the building. Fig. 6 is a full-sized tube-brace for a five-inch gutter.

Letters A in Figs. 1, 2, 3, and 5 show point of hanger sharpened, so as to be driven in wall or facia-board.

25 Letters B in Figs. 1, 2, 3, and 5 show hanger looped to receive gutter-bead.

Letters C in Figs. 1, 2, 3, and 5 show hanger bent so as to throw drip in gutter.

30 Letters D in Figs. 1, 2, 3, and 5 show eye formed on hanger to receive nail E.

Letter F in Fig. 6 and the dotted lines in Figs. 1, 2, 3, and 5 show tube-brace.

35 Letter H, as shown in Fig. 5, is the spool through which the hanger passes to hold the gutter out from wall or facia-board, and is used as a brace to hold gutter in position.

Letters I I, as shown in Figs. 2, 3, and 5, show opening made in gutter for the hanger

to pass through, and is surrounded by tube-brace F, which prevents the gutter from leak-  
40 ing.

To enable others skilled in the art to make and use my invention, I will describe its construction and operation.

It consists of a piece of wire, rod, or oval  
45 iron, (of lengths to suit size of gutter to be hung.) Form point A, loop B, bend C, and eye D.

To hang gutter with the above-described hanger, first solder in tube-braces; perforate  
50 gutter at I I, so that hanger can be passed through tube-brace F; place gutter in position against facia-board or wall; insert hanger until it touches facia-board or wall; then drive hanger in until loop B fits over gutter-bead; 15  
then drive nail in eye D.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The spike and brace formed in one, with the eye B at their junction, in combination  
60 with the spool or brace F, substantially as described.

2. The combination, with the eaves-trough support comprising the spike and a brace, of the spool H, interposed between the trough  
65 and the wall to space the same from the building, substantially as described.

3. The combination, with the spike and brace formed in one, of the spool or brace F within the trough, and the spool H exterior to said  
70 trough, substantially as described.

CARL C. FREDERICK.

Attest:

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