

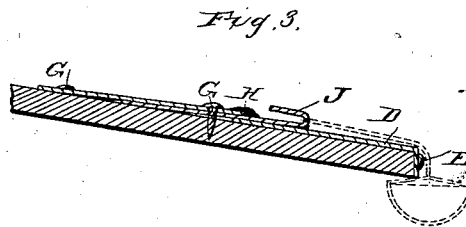
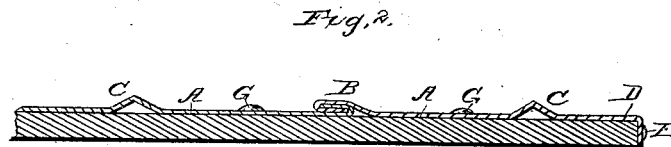
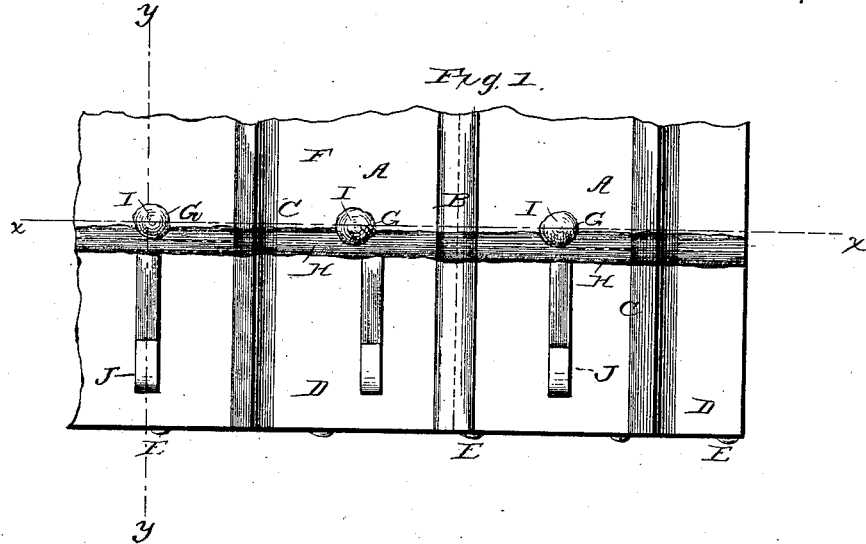
(No Model.)

G. HUTH.

ROOFING.

No. 265,811.

Patented Oct. 10, 1882.



WITNESSES:

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UNITED STATES PATENT OFFICE.

GEORGE HUTH, OF DELTA, OHIO.

ROOFING.

SPECIFICATION forming part of Letters Patent No. 265,811, dated October 10, 1882.

Application filed June 24, 1882. (No model.)

To all whom it may concern:

Be it known that I, GEORGE HUTH, of Delta, in the county of Fulton and State of Ohio, have invented certain new and useful Improvements in Sheet-Metal Roofing; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to certain improvements in sheet-metal roofing, the object of which is to provide a cheap and durable roof which may be easily and inexpensively laid.

The nature of my invention will be hereinafter fully described with reference to the drawings, in which—

Figure 1 is a plan view. Fig. 2 is a section on the line xx ; and Fig. 3 is a section on the line yy .

Corresponding parts in the several figures are denoted by like letters of reference.

My improved roofing is constructed of sheets A of suitable sheet metal, the sides or edges of which are united by suitable seams or joints, B, formed by bending and clinching the edges of the sheets in the usual well-known manner. Each of the sheets A is provided with a single central ridge or corrugation, C.

D in Fig. 1 represents the lowest or first row of sheets, which, being laid, has its lower edge bent under the eaves and there secured by nails or tacks E.

F represents the second row of sheets, which is laid overlapping the upper edge of the first row, with the corrugations C of the second row registering with those of the first, to which each sheet is now secured by two or more nails, G, driven between the seams B and corrugations C, as shown. The lower edge of the second row is now secured to the first row by solder H, which makes a tight joint; and the head of

each nail is likewise covered with solder, as at I, which secures said nails firmly in place and protects them from the access of moisture.

Any number of additional rows of roofing may be added in the manner just described.

The advantages of my invention will be readily understood.

My improved roofing is simple, inexpensive, and, owing to the corrugations C, which will always register, it is easily and accurately laid. Said corrugations, by compensating for the expansion and contracting of the metal, also prevent the unpleasant crackling sound frequently heard in ordinary roofing from said causes, and prevent the roof from cracking and the seams from giving way.

The nails G, which secure the second to the first row of roofing, also serve to hold in position hooks J, the shanks of which are interposed between said rows D and F. These hooks serve to support light spouting, as shown in dotted lines in Fig. 3 of the drawings.

I claim and desire to secure by Letters Patent of the United States—

1. As an improvement in sheet-metal roofing, the sheets A, connected at their edges by seams B, and having longitudinal corrugations C, the same being arranged in rows, each overlapping the row below, and secured by nails G and solder H I, as herein described.

2. In sheet-metal roofing, the rows D F, overlapping one another and secured by nails G, in combination with hooks J, the shanks of which are interposed between said rows D F and secured by said nails G, as and for the purpose set forth.

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

GEORGE HUTH.

Witnesses:

S. C. HOLDEN,

D. N. H. HOWARD.