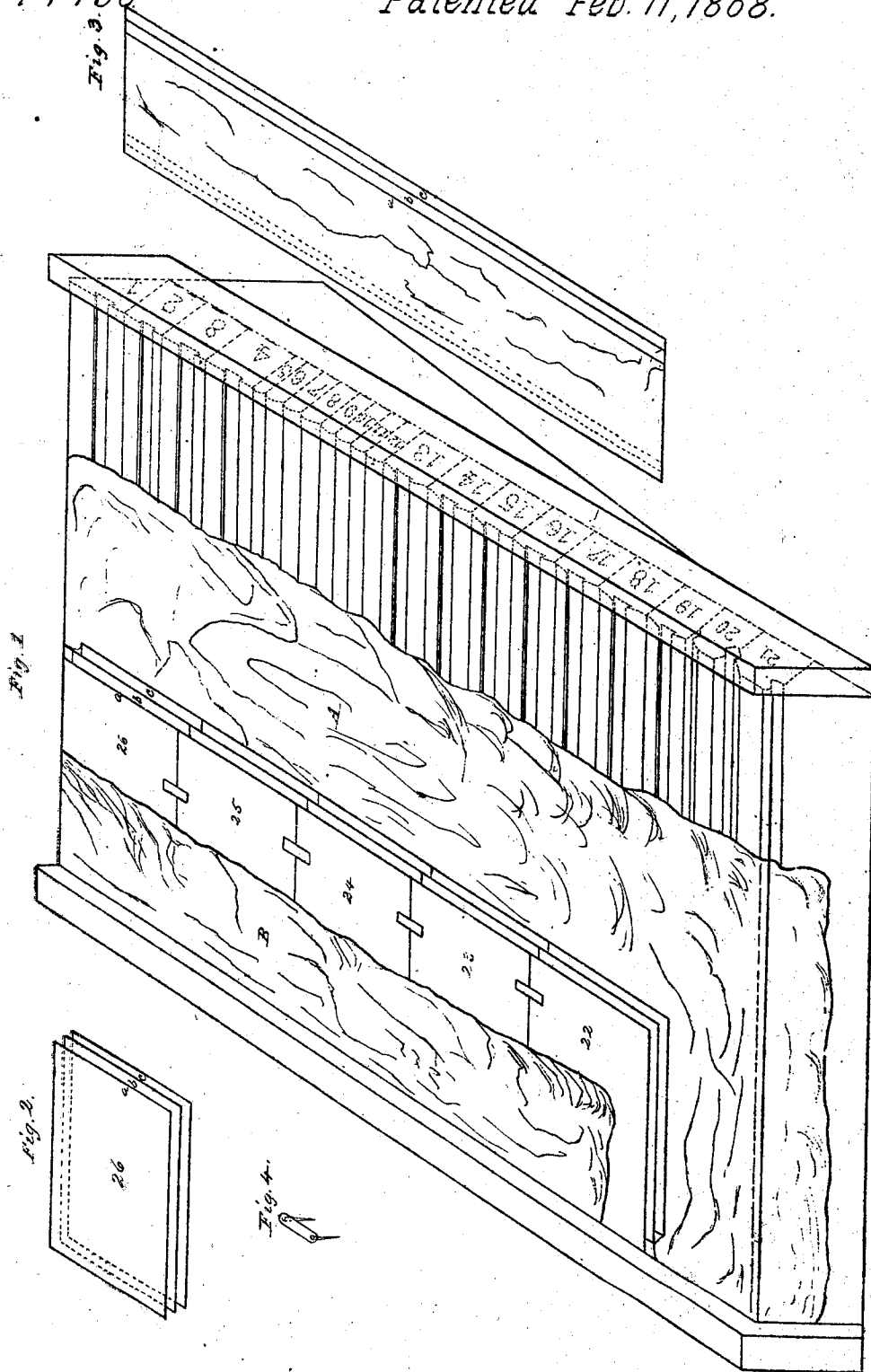


L. Rodney.
Cement-Roofing.

N^o 74430

Patented Feb. 11, 1868.



Inventor
Lester Rodney

United States Patent Office.

LEANDER RODNEY, OF NEW YORK, N. Y.

Letters Patent No. 74,430, dated February 11, 1868; antedated January 31, 1868.

IMPROVED CEMENT-ROOFING.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, LEANDER RODNEY, of New York city, county, and State, have invented a new and improved Method of Covering or Roofing Houses and other objects, and rendering the same water-proof, and of increased strength and durability; 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 letters of reference marked thereon.

Similar letters of reference refer to similar parts of the several figures.

The nature of my invention consists in covering the rafters or sheathing-boards, or other articles on which the roof is designed to rest, with strips of wood, or other suitable material, of any desired thickness, placed edgewise, (Figure 1,) 1 to 21, which strips are securely fastened together, by nails or otherwise, with irregular top edges, forming keys, 20 and 21; or grooved, 13 to 19 and 1 to 4; or irregular edges, 5 to 12, in which the cement rests, and hardens or sets. These are firmly fastened to the rafters, &c., and the coating of cement, A, or other suitable material, is applied thereon, substantially as and for the purpose herein specified. In addition to this coating of cement, covering the above-described strips, lay down sections or plates or sheets, 22 and 26, made of two or more sheets or breadths or thicknesses, *a*, *b*, and *c*, of paper, felting, burlaps, or other material, with cement, or other suitable material, between the sheets. Each sheet to be of the same size, but to be set back from the edges of the lower sheet any convenient distance, say one inch, (Figures 2 and 3,) so that, when laid on a roof, the sheets will fit into each other, as shown in fig. 1, thus forming an even surface. Cement to be laid over these edges, when laying them down, and these edges to be afterward secured by nails with connected heads, (Figure 4,) or rather nails with large heads and two or more prongs, and a coat of cement or other suitable material over all, B, fig. 1.

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

1. The application of strips of wood, or other suitable material placed edgewise, on the rafters or other support on which the roof rests, these strips (of any desired thickness) being properly secured and fastened together, and this foundation serves as a body on which to apply water-proof cement, or other suitable material, substantially as and for the purpose herein specified.

2. The application of cement, or other suitable material, to two or more sheets of paper, or other suitable material, to be used in connection with the foundation, as above described, or any other suitable foundation, or separately, substantially as and for the purpose herein specified.

LEANDER RODNEY.

Witnesses:

GEO. H. FELT,
JAMES McKEE,