

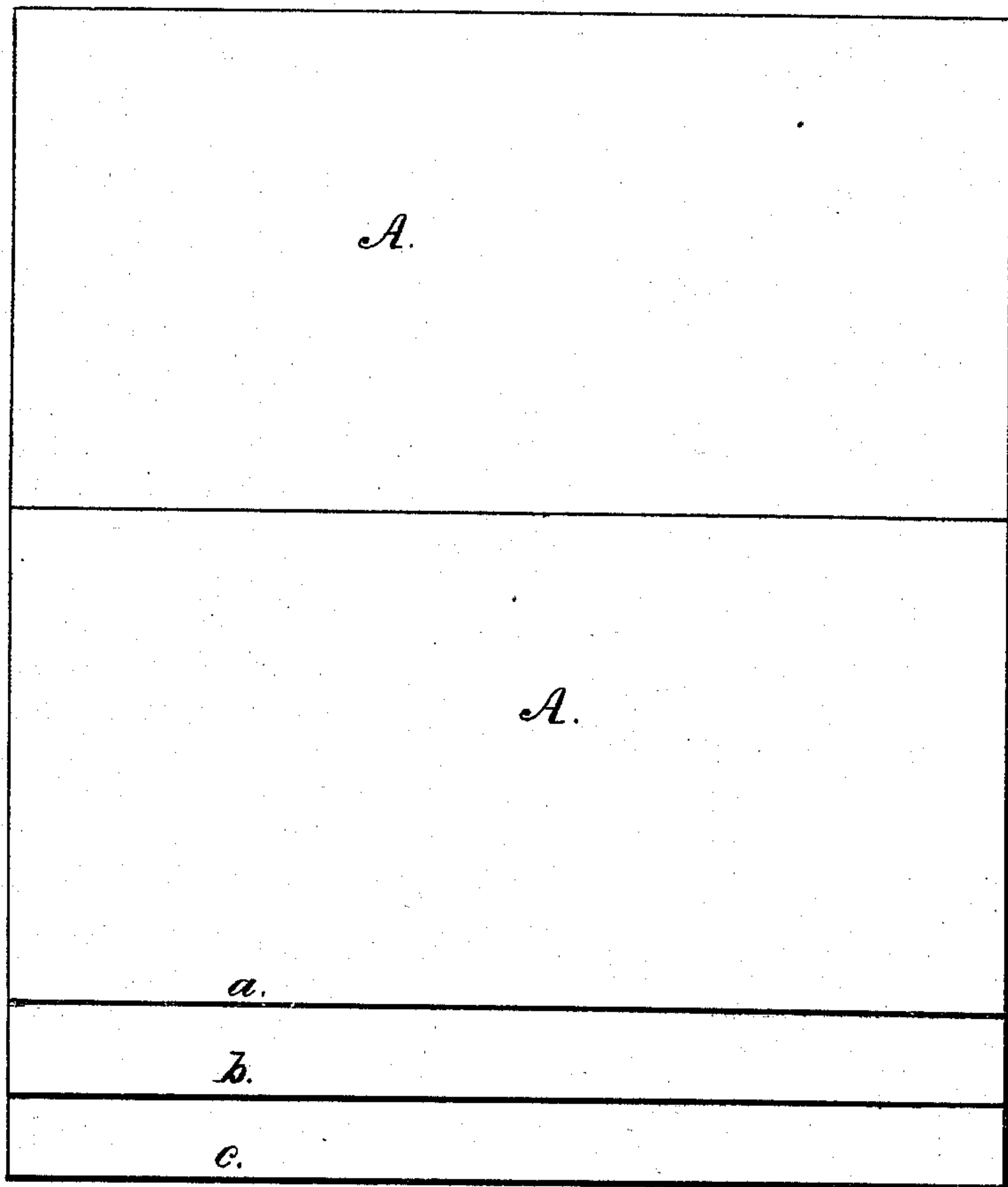
J. Scanlan.

Composite Roofing.

N^o 40,030.

Patented Oct. 22, 1867.

Fig. 1.

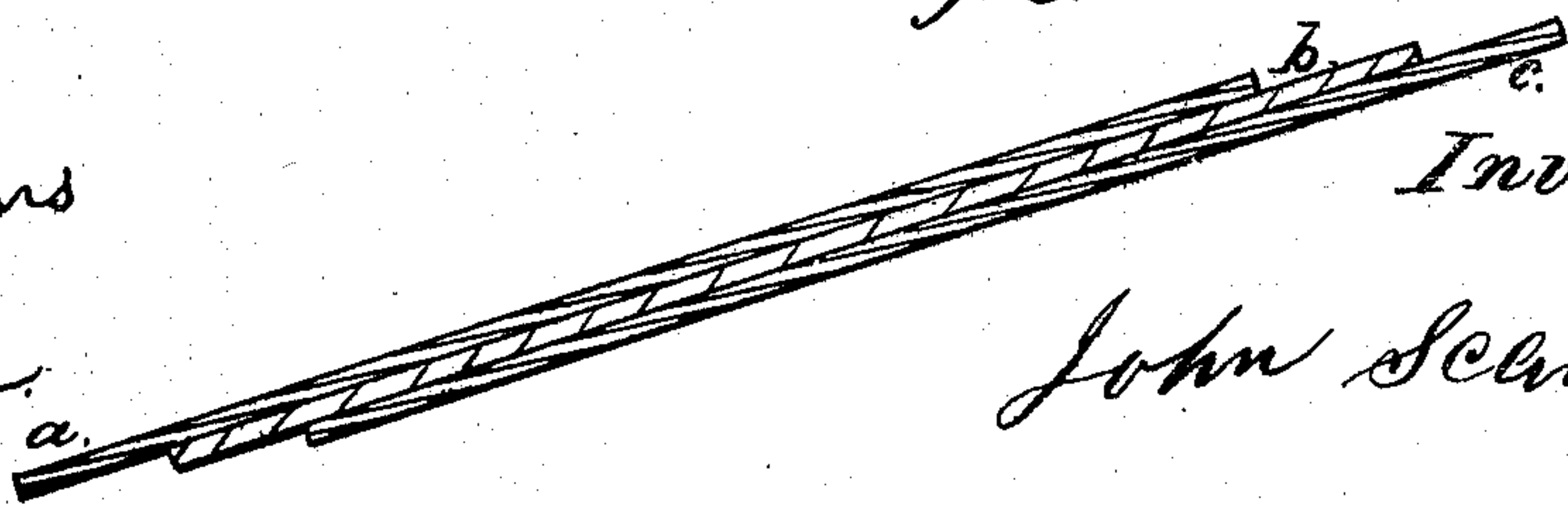


Witnesses:

W. E. Mans

L. L. Cotton.

Fig. 2.



Inventor:

John Scanlan

United States Patent Office.

JOHN SCANLAN, OF CHICAGO, ILLINOIS.

Letters Patent No. 70,030, dated October 22, 1867; antedated October 16, 1867.

IMPROVED FELT-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, JOHN SCANLAN, of Chicago, in the county of Cook, and State of Illinois, have invented a new and useful improvement in Felt-Roofing; and I do hereby declare and make known that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and the letters and figures marked thereon, which form part of this specification.

To enable those skilled in the art to understand how to construct and use my invention I will proceed to describe the same with particularity, making reference, in so doing, to the aforesaid drawings, in which—

Figure 1 represents a plan view of my invention as applied upon a roof, and

Figure 2 is a sectional view of one of the strips of roofing.

Similar letters of reference in the drawings denote in the different figures the same parts of my invention.

A A represent the layers of this roofing as arranged upon a roof, the laps hereinafter specified being indicated at *a b c*, in fig. 1, the strips being arranged across the roof, each successive layer overlapping the edge of the preceding layer or strip, similar in manner to the overlapping of one row or course of shingles upon another. The roofing consists of three layers or strata of saturated felt, each layer being saturated with coal tar and coated with a composition of water-proofing; or some of said layers may be coated with water-proofing and others simply be saturated with coal tar. The central layer should always be coated with a water-proofing composition. These layers, having been thus prepared, are arranged one upon the other, in strips of any desired length or width, and extend laterally one over the other, as clearly seen in fig. 2, which represents a cross-section of said strip, when the whole is passed through between suitable pressing-rollers, and compactly and firmly pressed together, forming one heavy strip of the roofing, which may be formed into rolls for storage or transportation, ready for use. The system of the overlapping of the several strata is for the purpose of making the overlapping edges of the manufactured strips thin, so that in laying them upon the roof the laps do not form ridges or channels across the roof to retain the water or rain.

I claim, as a new article of manufacture—

Roofing material manufactured in strips, and composed of three layers of saturated felt, arranged as and for the purposes specified.

JOHN SCANLAN.

Witnesses:

L. L. COBURN,

W. E. MARRS.