

L. D. Ford,
Batten Roofing.

N^o. 61,184.

Patented Jan. 15, 1864.

Fig. 1

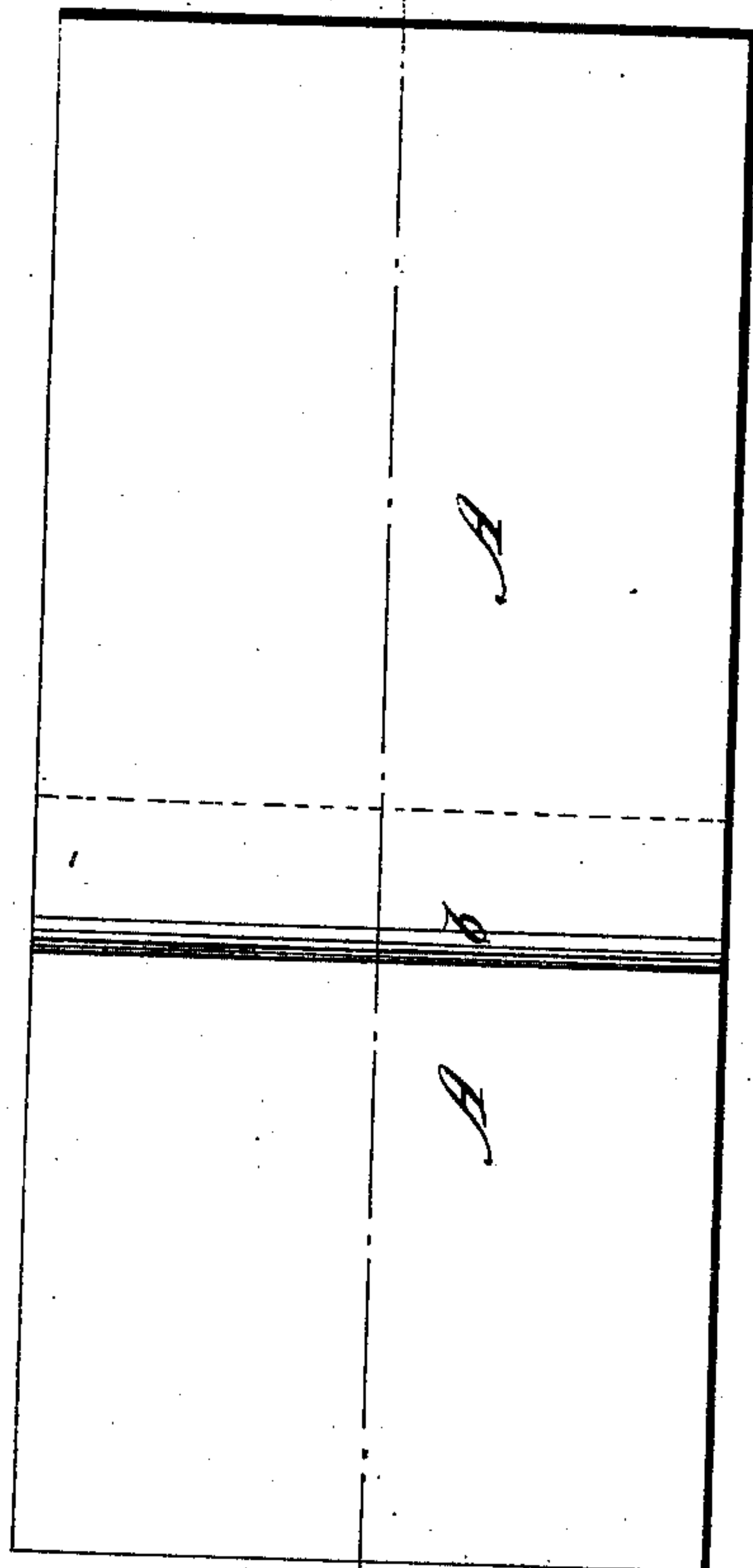


Fig. 2



Witnesses

F. A. Jackson
Theo. Tusch

Inventor.

Lorenzo D. Ford

Per Munn &

Attorneys

United States Patent Office.

LORENZO D. FORD, OF CANAAN, NEW YORK.

Letters Patent No. 61,184, dated January 15, 1867.

IMPROVED METHOD OF ATTACHING ROOFING TO BUILDINGS.

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, LORENZO D. FORD, of Canaan, in the county of Columbia, State of New York, have invented a new and useful improvement in applying or laying Plastic Roofing; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a plan or top view of my invention.

Figure 2, a section of the same, taken in the line *xx*, fig. 1.

Similar letters of reference indicate like parts.

This invention relates to a new and improved mode of laying that kind of roofing which is composed of a plastic material spread upon a foundation of paper, cloth, or other flexible material. The invention is more especially designed for the laying of what is termed the "plastic slate roofing." The invention consists in bending the edges or selvages of the prepared paper or cloth in such a manner that the edges of the same, where applied to the roof, may be connected together by a lock-joint, which will effectually prevent leakage.

A A represent two sheets or strips of prepared plastic roofing. Each sheet or strip at one edge is bent upward and over upon its upper surface, (as shown at *a*, in fig. 2,) and the other edge is bent downward and under its lower surface, as shown at *b*; and, when two sheets or strips are laid together upon the roof, these bent edges are locked together, forming a close or tight joint. The several sheets or strips, when thus laid and locked together on the roof, are tacked or nailed through the lock-joint, and the nails, it will be seen, pass through four thicknesses of the fabric, which renders it impossible for the fabric to tear out from the nails, which is very frequently the case where the fabric, as is now the case, is simply lapped, and the nails driven through two thicknesses only.

The prepared fabric may be laid on the roof in long strips extending from the eaves to the peak, or it may be laid on in short sheets and the lower ends of one row lapped over the upper edges of the row below.

By these simple means the prepared sheets or strips may be applied to the roof so as to form a perfectly water-tight covering.

I claim as new, and desire to secure by Letters Patent—

The connecting of the edges of the sheets or strips of plastic roofing by means of a lock-joint, formed by bending the edges or selvages of the fabric, substantially as shown and described.

The above specification of my invention signed by me this 31st day of August, 1866.

LORENZO D. FORD.

Witnesses:

JOHN M. BARNES,

D. L. FINCH.