

B. F. PICKETT.

Car Roof.

No. 102,316.

Patented April 26, 1870.

fig. 1.

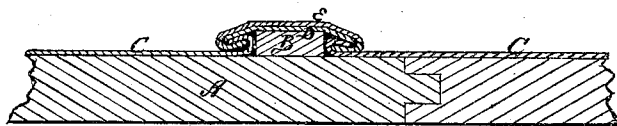
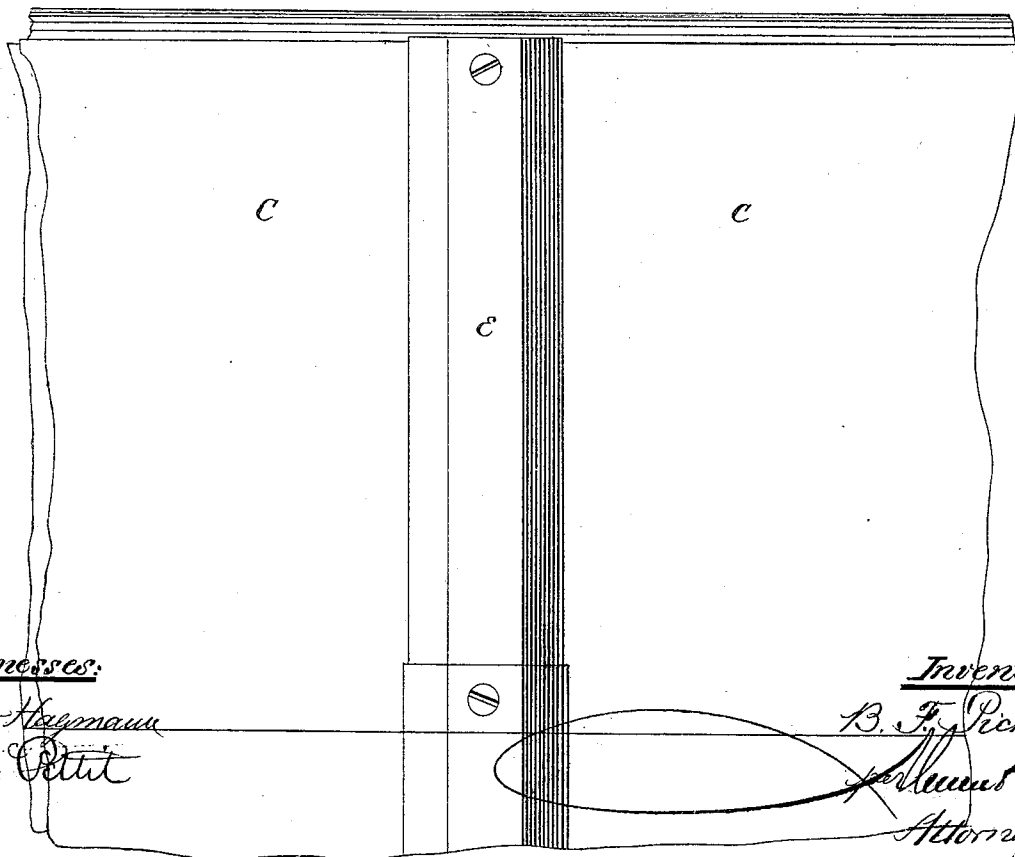


fig. 2.



Witnesses:

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BENJAMIN F. PICKETT, OF NASHVILLE, TENNESSEE.

Letters Patent No. 102,316, dated April 26, 1870.

IMPROVEMENT IN RAILWAY CAR-ROOF.

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, BENJAMIN F. PICKETT, of Nashville, in the county of Davidson and State of Tennessee, have invented a new and useful Improvement in Car-Roofing; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings making a part of this specification, in which—

Figure 2 is a plan view showing a portion of the lath and reflexed edges of the roofing-sheets, a part of the fastening-plate, and the inclosing-cap; and

Figure 1 is a transverse vertical section showing all the parts.

This invention consists in the combination of a lath or strip forming a ridge attached lengthwise of and directly to the boards of a car or other roof, with metal sheets spread on the wooden roof, and having their edges next the ridge turned over, a metal plate fastened both to the ridge and the reflexed edges of the sheets, and a cap placed over the metal plate and having its edges turned under the reflexed edges of the sheets.

In the drawings—

A is the wooden car-roof.

B, a wooden ridge on the same.

C C, the sheets of metal which cover the roof, the edges of which, adjacent to the ridge, are turned over.

D, the fastening-plate, secured firmly at its middle to the ridge B, and riveted at its edges to the reflexed edges of the sheets C; and

E, a cap, screwed through the fastening-plate to the ridge, and at its edges turned under the reflexed edges of the sheets C.

The plate D fastens the sheets C to the roof in such a manner that they may expand or contract according to the variations of temperature, and may yield before the swaying and oscillation of the car.

The cap E prevents moisture from working in between the sheets and fastening-plate, and at the same time in no manner restricts the expansion and contraction of the sheets.

Having thus described my invention,

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

The combination, with a wooden roofing, of the ridge B, sheets C, fastening-plate D, and cap E, constructed and arranged in the manner and for the purpose described.

BENJAMIN F. PICKETT.

Witnesses:

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