J. W. HOYT.

METALLIC LATHING.

No. 187,142. Patented Feb. 6, 1877.

Fig: 1.

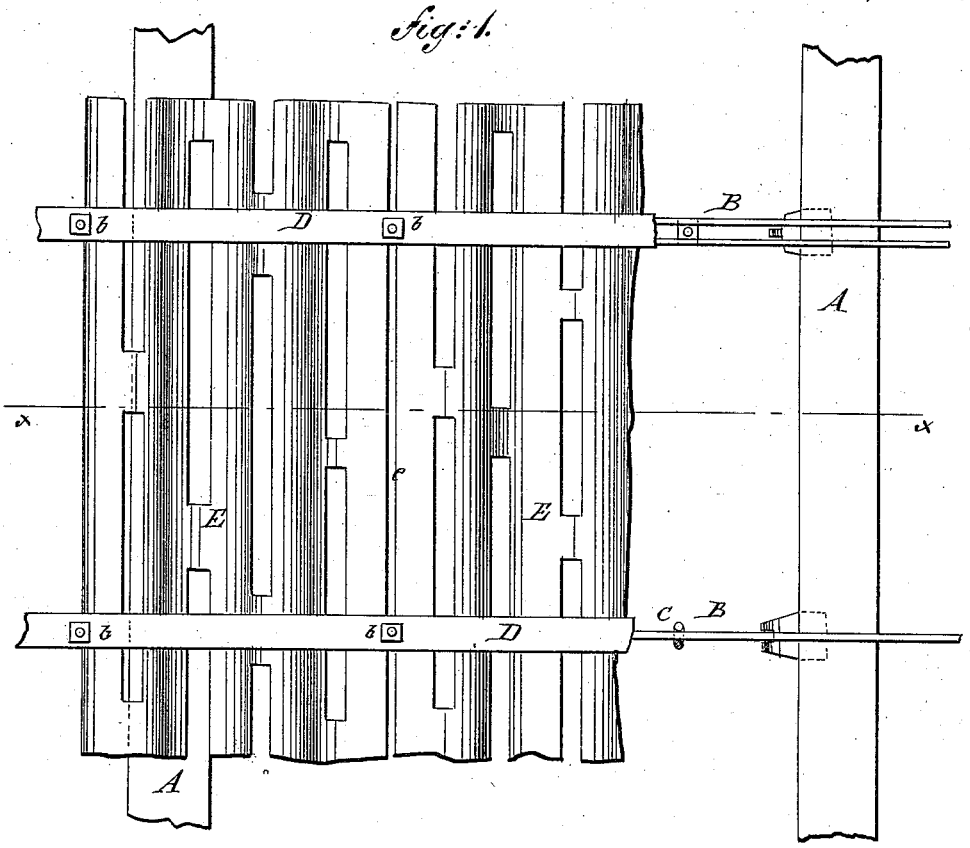

Fig: 2.

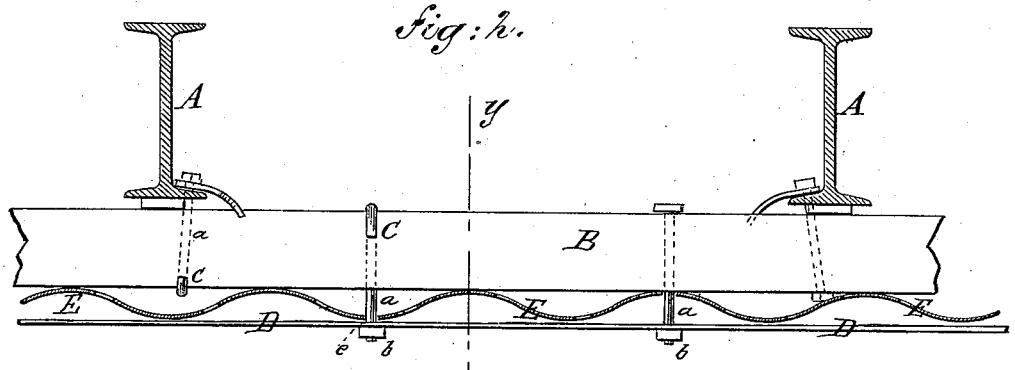

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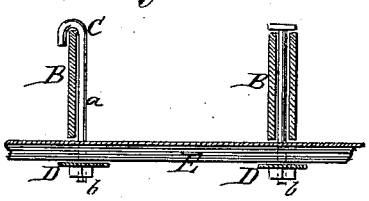
Fig: 3



Witnesses:

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UNITED STATES PATENT OFFICE.

JOHN W. HOYT, OF SPRINGFIELD, MASSACHUSETTS.

IMPROVEMENT IN METALLIC LATHING.

Specification forming part of Letters Patent No. **187,142**, dated February 6, 1877; application filed August 21, 1876.

To all whom it may concern:

Be it known that I, JOHN W. HOYT, of Springfield, in the county of Hampden and State of Massachusetts, have invented a new and useful Improvement in Iron Lathing; and that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, making part of this specification.

This invention is in the nature of an improvement in iron lathing; and the invention consists in iron lathing secured to the furring by iron hooks, which hook over the metal furring, passing downward and through metal confining-strips, to which they are secured by screws, or in any suitable manner.

In the accompanying sheet of drawings, Figure 1 is a plan or top view of under side of my improved lathing; Fig. 2, a cross-section in the line *x x*, Fig. 1; and Fig. 3, a cross-section in line *y y*, Fig. 2.

Similar letters of reference indicate like parts in the several figures.

A represents the iron beams of a fire-proof floor. To these beams is secured, in any way desired, the metal furring B. Hooked over the upper edge of this furring is a series of metal hooks, C. These hooks may be made of any suitable metal, and they may be either flat or round. The shanks or stems *a* of the hooks depend from the beams A, and their lower ends pass through suitable holes or openings formed in confining-strips D, placed beneath the metal lathing E, the lathing being confined between the confining-strips and the lower edge of the furring by securing the hooks C to the confining-strips. This may be done by cutting screw-threads on the lower end of the hooks C, and securing them by nuts *b;* or the lower ends of the hooks may be bent over at right angles against the lower surface of the confining-strips, or their ends may be upset, forming rivets, or in any other way; the lower ends of the hooks may be secured to the confining-strips. The hooks may pass through holes made in the lathing, or they may pass through the spaces *c* left between each strip of lathing, as may be desired.

Having now described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. Metallic lathing combined with hooked retaining-bolts, substantially as and for the purpose described.

2. In a fire-proof floor, the combination of hooked retaining-bolts, metal furring, metal lathing, and metallic confining-strips, substantially as and for the purpose described.

3. In a fire-proof floor, metallic lathing secured to the furring by hooked bolts constructed with screw-threads at their lower ends, and provided with screw-nuts, substantially as and for the purpose described.

JOHN W. HOYT.

Witnesses:

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