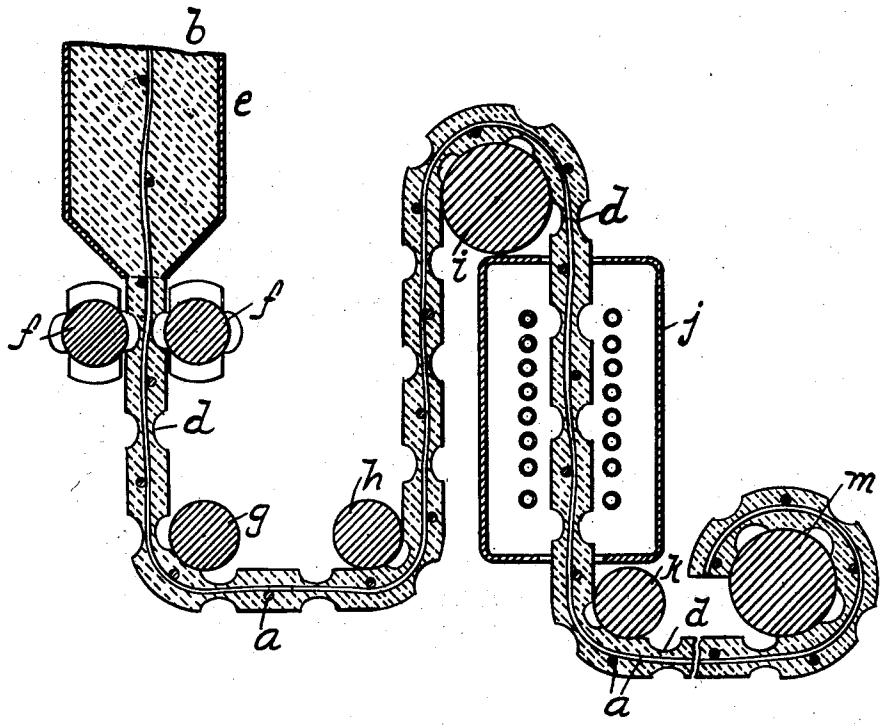
No. 865,791. PATENTED SEPT. 10, 1907.

W. MEIER.

FIREPROOF LATH.

APPLICATION FILED APR. 26, 1907.

2 SHEETS—SHEET 1.



WITNESSES:

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Christian Ahnstead

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2 SHEETS—SHEET 2.

Fig. 2

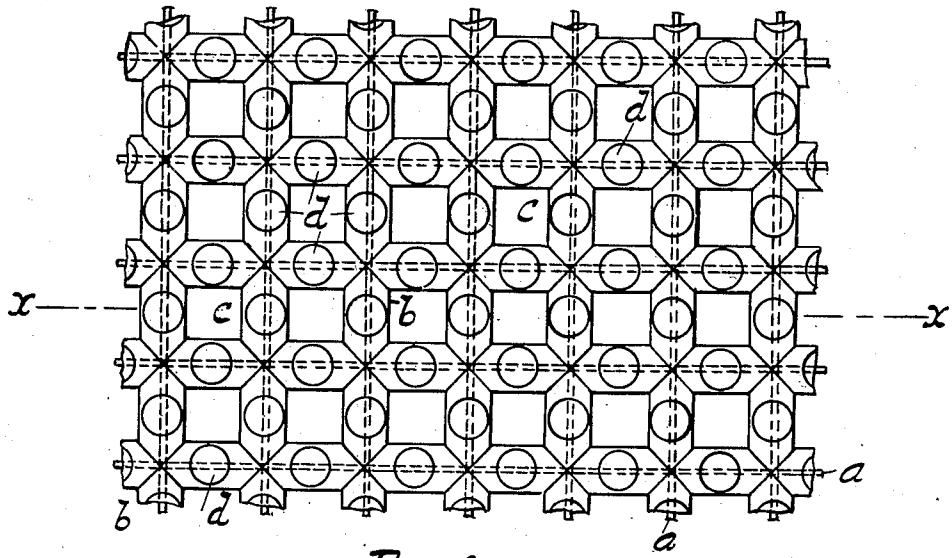
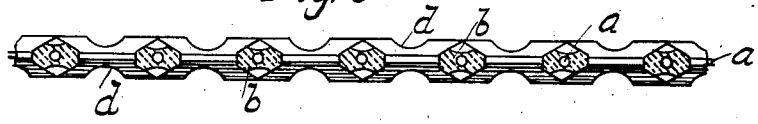


Fig. 3



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WILHELM MEIER, OF ELIZABETH, NEW JERSEY.

FIREPROOF LATH.

No. 865,791. Specification of Letters Patent. Patented Sept. 10, 1907.

Application filed April 26, 1907. Serial No. 370,527.

To all whom it may concern:

Be it known that I, WILHELM MEIER, a subject of the Emperor of Germany, residing at Elizabeth, in the county of Union and State of New Jersey, have invented new and useful Improvements in Fireproof Lath, of which the following is a specification.

This invention relates to a fire proof lath composed of a wire netting or frame which is inclosed or coated by suitable refractory or fire proof material.

This invention is set forth in the following specification and claim and illustrated in the annexed drawing, in which:

Figure 1 illustrates a manner of making the lathing. Fig. 2 is a plan view of a section of lathing. Fig. 3 is a section along line *x x* Fig. 2.

In this drawing the letter *a* designates the wire fabric or frame which is covered with a mass of clay *b* to form the fire proof lath. The clay *b* is hardened or formed into brick and protects the wire from injury when heated.

The lathing is net like or suitably perforated or has holes therein as seen at *c* and also has thin portions or cut outs *d* which allow of the lathing being rolled up for shipping or transporting.

The lathing can be secured to a wall by hooks which fit over or engage the lathing and hold the same in place. By reason of the clay or brick *b* being rough any suitable dressing which may be applied thereto will obtain a hold thereon.

One way of making the lathing is shown in Fig. 1. The wire cloth or netting *a* is fed from hopper *e* and thence it passes between two rollers *f* which are so formed as to impress on the lath the depressions *d* and openings *c*. The lath then passes over guide rollers *g h i* into bake oven *j*. This oven is suitably fired or heated or has gas jets which allow of gradually increasing flame in a downward direction. After the lath passes out of this bake oven it is guided over roller *k* and then rolled or wound upon reel or roller *m* after which it is ready for shipment or transportation.

The product as seen is a wire netting or fabric embedded or inclosed in a protecting mass of clay, brick or the like. The face of the lathing gives a hold for the dressing as the mass *b* is naturally somewhat rough or apt to give a hold to such dressing. In addition the holes *c* also enable the dressing to secure a safe hold. The thinned portions *d* allow reeling of the lath without the covering *b* becoming cracked or chipped. The thinned portions are shown located between the points of crossing of the wires *a* or between the points where the wires running in one direction cross the transverse wires.

What I claim is:

1. A fire proof lath comprising a wire netting or fabric with an inclosing or coating mass of clay or the like, said mass being of diminished thickness at suitable points to allow rolling or reeling of the lath without breaking the coating.

2. A fire proof lath comprising a coating of clay or the like, and a wire netting inclosed by said mass, said mass being of diminished thickness between the crossing points of the net wires so as to allow ready reeling of the lath.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

WILHELM MEIER.

Witnesses:
EDWARD WIESNER,
CHRISTIAN AHNSTEAD.