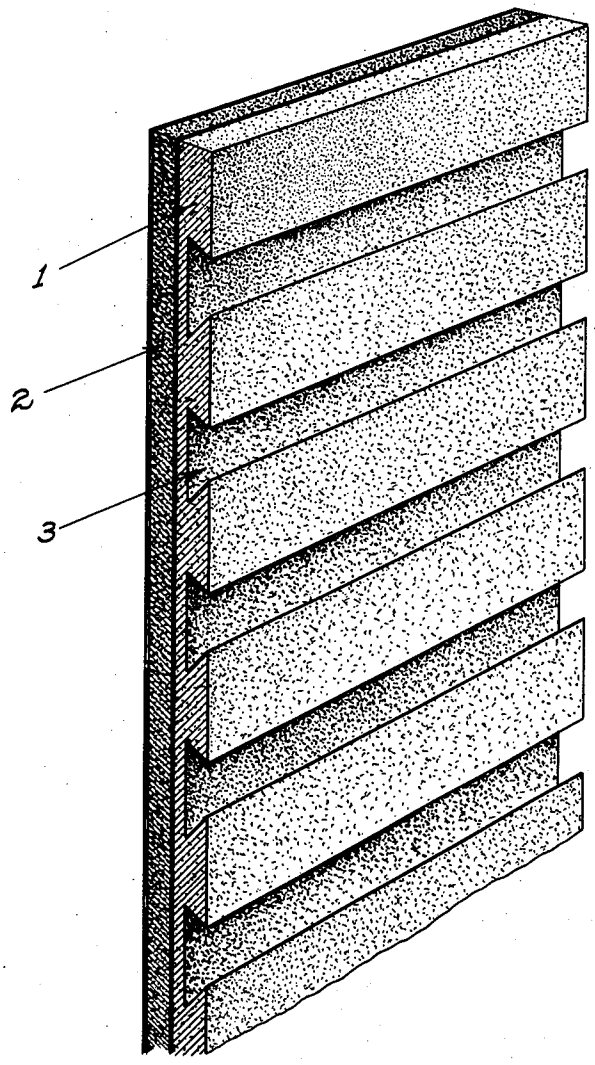
June 8, 1926. 1,587,973

J. F. MAKOWSKI

PLASTER LATH

Filed May 28, 1923



INVENTOR.

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Patented June 8, 1926. 1,587,973

UNITED STATES PATENT OFFICE.

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PLASTER LATH.

Application filed May 28, 1923. Serial No. 641,965.

This invention relates to the building art and particularly to wall construction.

I have conceived as the present invention a composition lathing mounted upon a suitable supporting surface, there being moulded into the face of the composition a dove tail or other suitable shaped key structure.

Plaster or stucco lath now commonly used as a substitute for wooden lath is too expensive both in first cost and in the method of application for ordinary use, and there can be no big demand therefor until a good lath which can successfully compete with wooden lath, is produced.

The main object of the invention therefore is to produce a cheap but durable composition lath on which the plaster, cement or other plastic may be readily spread and bonded thereon.

I accomplish the objects of the invention by the use of the composition and structural molding thereof as fully set forth hereinafter.

The figure on the drawing is a perspective view of a fragmentary portion of a sheet of my improved lath.

In carrying out the invention I make up a composition preferably of casting plaster such as calcined gypsum, skimmed milk or casein as a water proofing element, mixed with dextrin or other adhesive, with or without a certain percentage of sawdust meal. This composition is spread to a thickness of about half an inch on a suitable supporting paper or board 2, and before it sets I mold or form the outer face thereof so as to produce dove-tailed or similar shaped grooves 3 extending thereacross, or a similar formation having front and rear faces, with intervening openings or interstices into which the plastic material to be applied to the lath may flow and be locked thereto.

As will be readily seen the composition may be a very cheap product compared to wood. The mechanical key structure for the plastic material, moulded permanently in the composition, forms a perfect locking structure to hold the plastic, which function is augmented by the fact that the elements of the composition will be such as form a natural bond for the plastic surfacing material.

Having thus described my invention what I claim as new and useful and desire to secure by Letters Patent is:

1. A composition plaster lath containing calcined gypsum, casein as a water proofing element and an adhesive element.

2. A composition plaster lath containing calcined gypsum, casein as a water proofing element and dextrin.

3. A composition plaster lath consisting of calcined gypsum, casein as a water proofing element, sawdust and an adhesive element.

In testimony whereof I affix my signature.

JOHN F. MAKOWSKI.