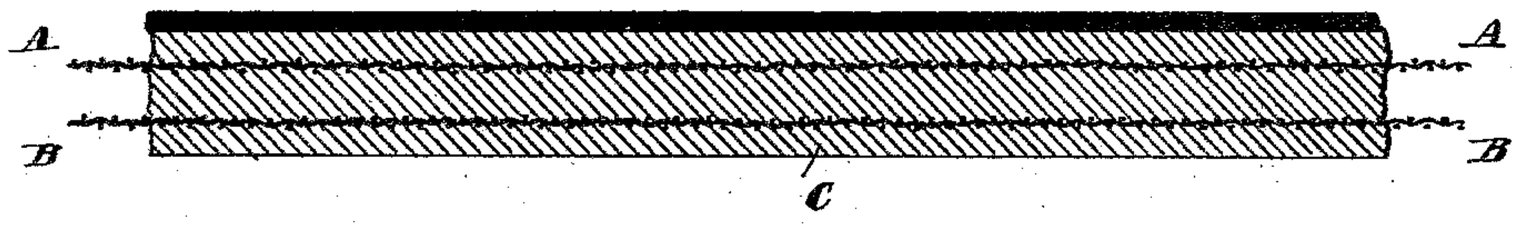
(No Model.)

K. W. WHITTEMORE & L. J. COUCH.

PORTABLE BLACKBOARD.

No. 288,145. Patented Nov. 6, 1883.



WITNESSES

Edwin L. Yewell

J. J. McCarthy.

INVENTORS

Kendall W. Whittemore

and Levi J. Couch

By L. A. Alexander Attorney

UNITED STATES PATENT OFFICE.

KENDALL W. WHITTEMORE AND LEVI J. COUCH, OF PROVIDENCE, R. I.

PORTABLE BLACKBOARD.

SPECIFICATION forming part of Letters Patent No. 288,145, dated November 6, 1883.

Application filed June 26, 1883. (No model.)

To all whom it may concern:

Be it known that we, KENDALL W. WHITTEMORE and LEVI J. COUCH, citizens of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Portable Blackboards, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to certain improvements in portable blackboards, and it has for its object to provide means whereby they can be made cheap and strong, so that they can be carried from place to place without injury or cracking, as is the case in most other blackboards of this kind and style. This object we attain by means illustrated in the accompanying drawing, in which is shown a cross-section of our improved means for making blackboards.

In the drawing, the letters A and B designate two sheets of woven wire, which sheets of wire are stretched or drawn tight. Then a mixture of calcine or other plaster, C, is pressed around and on both sides of the wire. The said wire, having this calcine or other plaster pressed through and on both sides, forms a solid and cheaply-formed back for blackboards. This back is made of any convenient thickness, but most generally about one-half or three-quarters of an inch thick. On one side of the slab just formed is then spread a prepared blacking of plastic form of any improved make. This blacking is closely spread, packed tight and smooth, with any convenient implement or tool. Most preferably a trowel is used. This, when completed, makes a substantial, durable blackboard, which can be carried from place to place. The wire sheets, passing through the plaster, serve to strengthen the said plaster to keep it from breaking, as it would do if the wire were not used.

We are aware that the walls of buildings have been provided with a coarse wire-cloth as a substitute for laths in plastering. We are also aware that blackboards have been composed of laths coated on one side with plaster and a black-pigment cement, and we make no claim to such devices.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The improved article of manufacture, consisting of a portable school-blackboard having wire-cloth embedded in a slab of plaster, both sides of which are dressed, substantially as described.

In testimony whereof we affix our signatures in presence of two witnesses.

KENDALL W. WHITTEMORE.
LEVI J. COUCH.

Witnesses:
WALTER M. JACKSON,
WHIPPLE N. PHILLIPS.