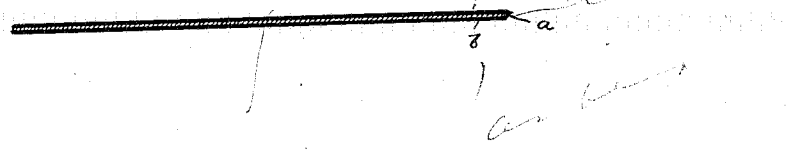
P. C. HALPINE.

Asbestus Sheathing-Paper.

No. 200,192. Patented Feb. 12, 1878.



Witnesses.

W. J. Pratt.

L. A. Baxter.

Inventor.

Peter C. Halpine

by Crosby & Gregory Attys

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UNITED STATES PATENT OFFICE.

PETER C. HALPINE, OF WALTHAM, MASSACHUSETTS, ASSIGNOR OF ONE-HALF HIS RIGHT TO WILLIAM ROBERTS, OF SAME PLACE.

IMPROVEMENT IN ASBESTUS SHEATHING-PAPER.

Specification forming part of Letters Patent No. **200,192**, dated February 12, 1878; application filed January 23, 1878.

To all whom it may concern:

Be it known that I, PETER C. HALPINE, of Waltham, county of Middlesex, State of Massachusetts, have invented an Improvement in Asbestus Sheathing-Paper, of which the following is a specification:

This invention relates to sheathing-paper; and consists in sheathing-paper composed of ordinary paper, preferably waterproofed or sized, and covered on each side with one or more thicknesses of asbestus paper, thereby making a fire-proof sheathing-paper.

The drawing illustrates, in section, a piece of sheathing-paper constructed in accordance with my invention.

Sheathing-paper as now commonly made is composed either of plain paper, or paper treated with tar or its equivalent.

In carrying out my invention I employ a sheet, *a*, of ordinary cheap paper, of such thickness as may be desired. Upon each side of this foundation-sheet *a*, I apply a layer or layers, *b*, of asbestus paper, causing the sheets or layers *a b* to unite either by pressure alone, or through the agency of a proper cement.

In practice, I prefer to form these sheets or layers *a b* upon suitable well-known cylinder machines for the manufacture of paper, and lead such sheets or layers directly from such machines through suitable press-rolls, where they are united to form one sheet, as shown in the drawing.

Sheathing-paper made in accordance with this my invention is thoroughly fire-proof, and may be made water-proof by the addition to the pulp of any well-known water-proof sizing.

I claim—

As an improved article of manufacture, sheathing-paper composed of an intermediate layer, *a*, and layers or sheets of asbestus paper applied each side thereof, all substantially as and for the purpose described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

PETER C. HALPINE.

Witnesses:

LEONARD W. CUSHING,

WILLIAM ROBERTS.