

T. J. MAYALL.
Carpet-Linings.

No. 157,851.

Patented Dec. 15, 1874.

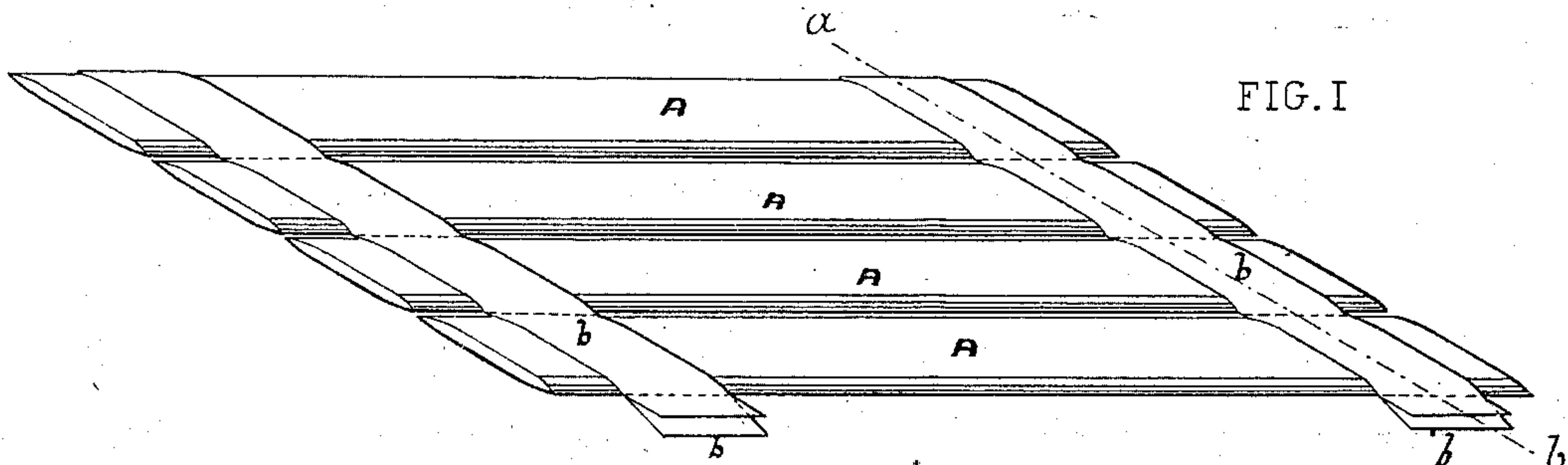


FIG. I

FIG. II

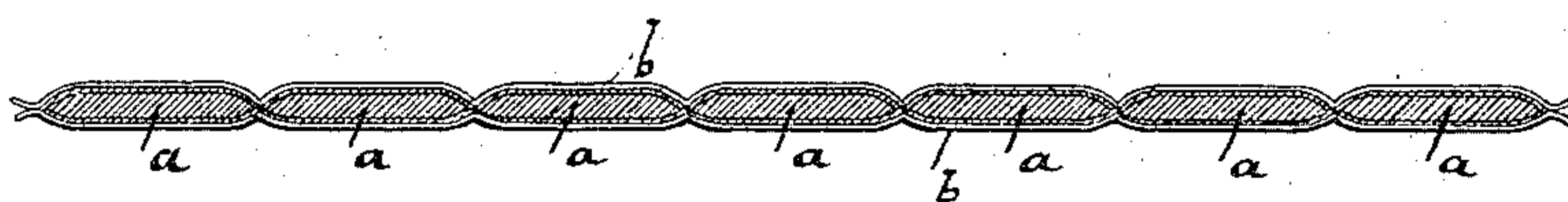
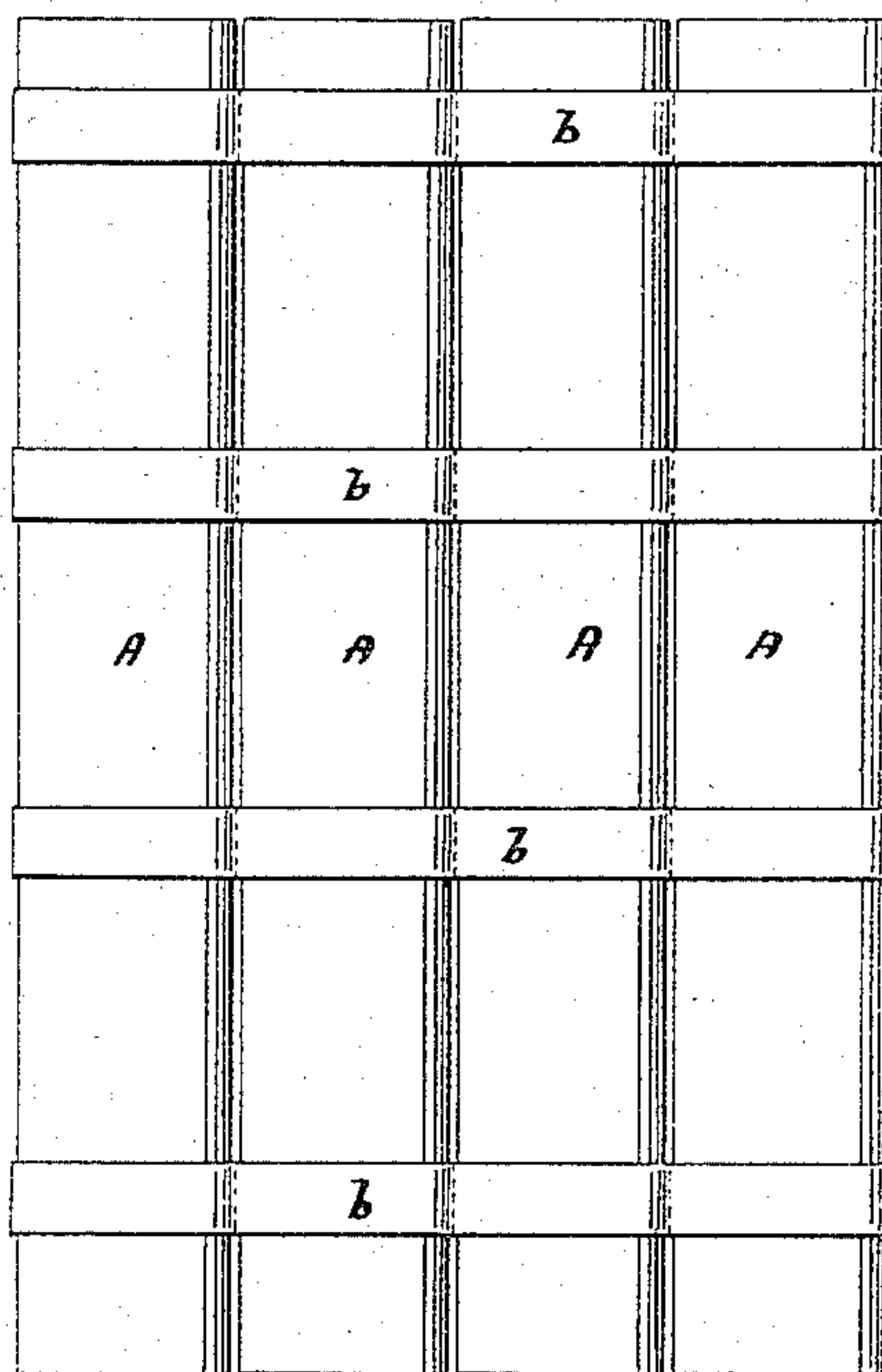
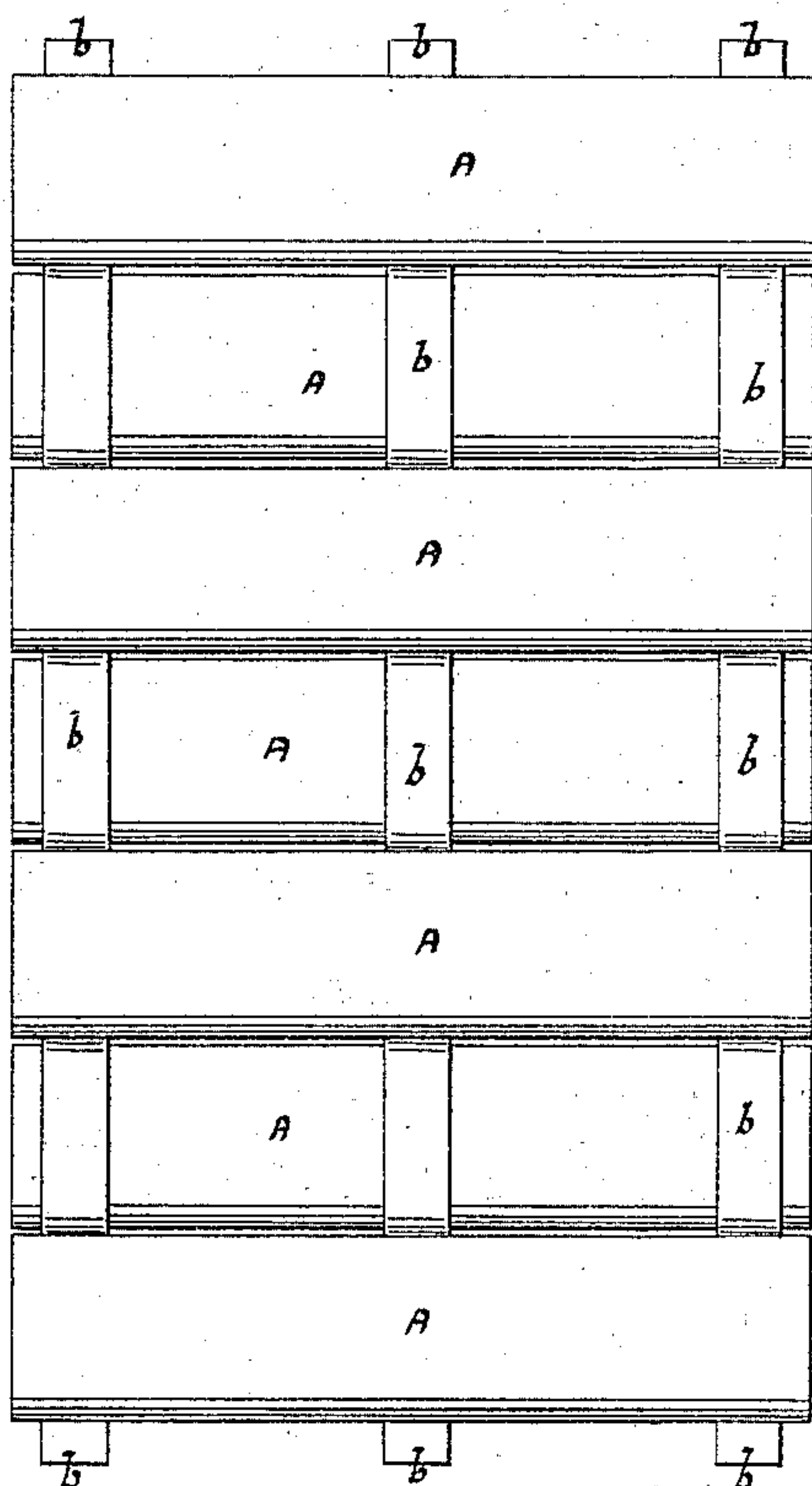


FIG. III

FIG. IV



Witnesses

Emell adak
Henry R. Elliott.

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UNITED STATES PATENT OFFICE.

THOMAS J. MAYALL, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN CARPET-LININGS.

Specification forming part of Letters Patent No. **157,851**, dated December 15, 1874; application filed November 20, 1874.

To all whom it may concern:

Be it known that I, THOMAS J. MAYALL, of Boston, Suffolk county and State of Massachusetts, have invented a certain new and Improved Carpet-Lining, of which the following is a specification:

My improved carpet-lining may be described as consisting of flattened paper tubes, furnished with a filling of cotton batting or lap, or other material, put together side by side, and connected by tapes or binding-strips extending crosswise of the tubes, and united therewith by paste or adhesive material, or other suitable means. These tubes may extend either lengthwise of the lining, or may be arranged crosswise with respect to the piece of lining of which they are part.

The accompanying drawing represents the manner in which my invention is or may be carried into effect.

Figure 1 is a perspective view, and Fig. 2 is a longitudinal section, of a piece of lining made in accordance with my invention. Figs. 3 and 4 are plans of modifications of the same.

In Figs. 1 and 2, A are flattened paper tubes, with fillings *a*, placed side by side crosswise of the length of the piece of lining of which they make part, and connected by top and bottom binding strips or tapes *b*, of fabric, or paper, or other suitable material, which are attached to the tubes by paste, cement, or other proper means.

In Fig. 3 the tubes are arranged in a similar manner, but the binding-strips are not arranged in pairs. The binding-strips are used singly, and are interwoven or interlaced with the tubes, each strip passing alternately above and below the successive strips. The

tubes and strips are united in the same way as hereinbefore indicated.

In Fig. 4, the tubes extend lengthwise of the piece, and the binding-tapes are short transverse strips. In other respects the lining is the same as in the preceding figures.

The above is sufficient to indicate the variety of ways in which my invention may be carried into effect.

A lining thus constructed is cheap, easily made, and, while it may be manufactured either by hand or by machinery, it is, by reason of simplicity of its structure, peculiarly adapted to be made expeditiously and with facility by machinery.

It is distinctly a sectional carpet-lining, possessing all the good qualities of a continuous sheet, and yet provided with a series of interstices or openings, which permit the dust to sift through it onto the floor, instead of remaining on the upper surface of the lining, and just below the carpet, as is the case with ordinary imperforate or unbroken carpet-linings.

What I claim, and desire to secure by Letters Patent, is—

A carpet-lining composed of flattened paper tubes or cases with fillings of cotton batting or lap, or other suitable material, laid side by side and connected by binding-strips, substantially as shown and described.

In testimony whereof I have hereunto signed my name this 20th day of November, A. D. 1874.

THOS. J. MAYALL.

Witnesses:

EWELL A. DICK,
HENRY R. ELLIOTT.