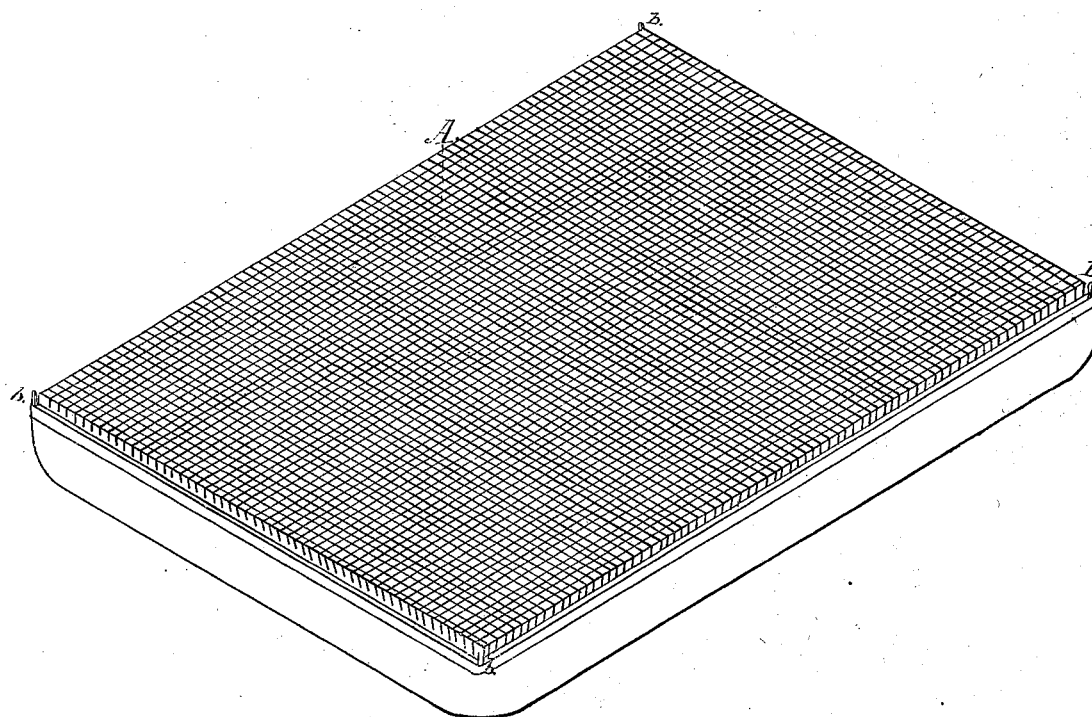
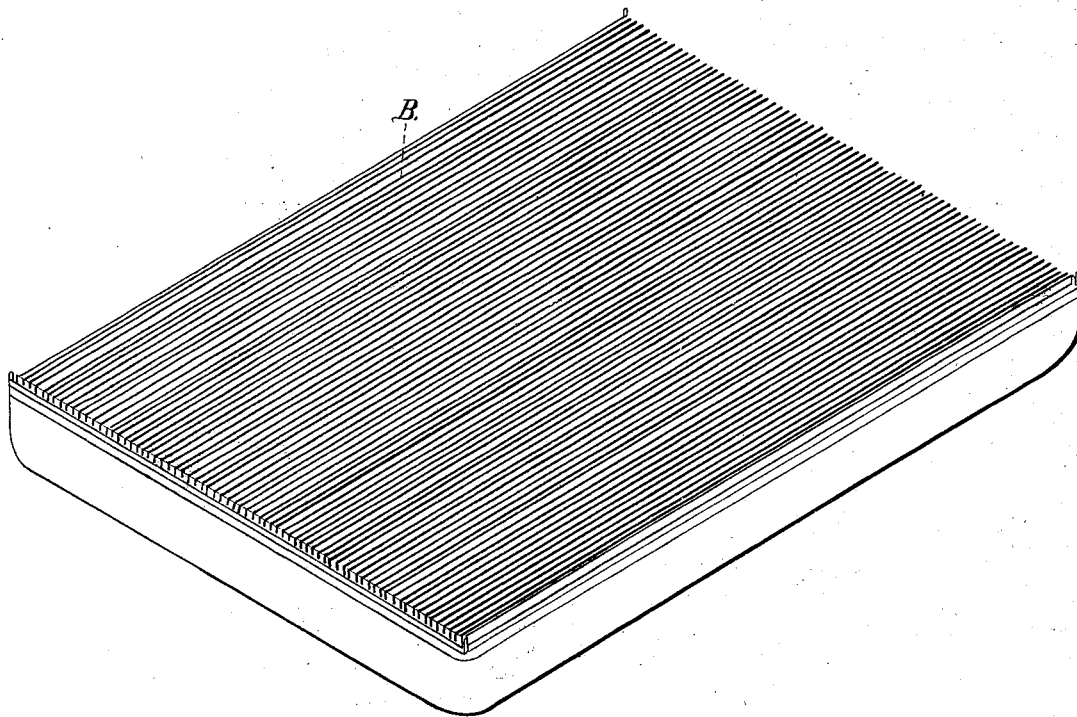


J. Albro, Jr.
Printing Oil Cloth.
N^o 5299 *Patented, Sept. 18, 1847.*



UNITED STATES PATENT OFFICE.

JAMES ALBRO, JR., OF ELIZABETHTOWN, NEW JERSEY.

PRINTING OIL-CLOTH CARPETING.

Specification of Letters Patent No. 5,299, dated September 18, 1847.

To all whom it may concern:

Be it known that I, JAMES ALBRO, Jr., of Elizabethtown, in the county of Essex and State of New Jersey, have invented certain
5 new and Improved Methods of Printing Oil-Cloths; and I do hereby declare that the following is a full and exact description of the same, by which others skilled in the art of oil-cloth printing can make and use
10 my improvements.

My improvements in the mode of printing oil cloth consist, first, in spreading or extending all the colors after being put on by print blocks in the ordinary way, so
15 as to cover the ground or face of the cloth thereby preventing the colors of the cloth on which the printing is made from showing through the spaces between the peg work. This I accomplish by a block having
20 pegs the same as the other blocks used in the pattern, but the pegs extending over its entire surface; on the block marked A on the drawing, I place the pitches *b*, or guide pins half of a peg in a diagonal line
25 from the relative position of the pitches of the other blocks, which bring the pegs of this block onto four corners of dots made by pegs of all the other blocks; this block I place on the printing, as finished in the
30 ordinary way, (but do not dip it in color,) which soon becomes charged with colors, previously put on by other blocks and when raised from the print the pegs draw off sufficient color to cover them and
35 when laid on a second print in the manner above described, it produces the desired effect of spreading and blending the colors, and thus this block is kept constantly charged with the proper colors, as at each
40 impression it takes a fresh supply of color from the print, thereby saving much labor and producing a beautiful effect.

Second, in connection with the above, I

have still further improved the method of printing oil cloth, by blending the various
45 colors, by rendering the surface more smooth and level, and giving it the appearance of velvet carpeting: This I accomplish by placing upon the work as last prepared, a block sawed or cut into small continuous lines in
50 place of pegs marked B on the drawing, and use it after applying the block marked A. It becoming charged with color in the same way.

What I claim as my inventions and desire
55 to secure by Letters Patent is—

1. The laying on to the printed oil cloth as finished in the ordinary way, a block having pegs extending over its entire surface, with its pitches or guide pins
60 so arranged that its pegs shall fall on the interstitial spaces left by the pegs of the other blocks, producing contiguity of all the colors without supplying additional color; and
65

2. By applying in addition to the above, a block cut into small continuous lines, which blends and softens the colors and improves the effect. Either of these blocks can be used separately or jointly. I hereby
70 declare that I do not claim to have invented what is known to oil cloth printers as raised work, by which two blocks are used for one color; the pegs of the second block falling upon the interstitial spaces of the pegs of
75 the first block both being dipped in the same color.

I claim the above mentioned improvements whether they are effected in the manner herein set forth, or in any mode substantially the same, producing a like effect
80 by analagous means.

JAMES ALBRO, JR.

Witnesses:

M. W. HALSEY,
AUGUSTUS C. KELLOGG.