

J. Crabtree.

Forming Blocks for Printing Colors

Nº 507

Patented Dec. 7. 1837.

Fig. 1

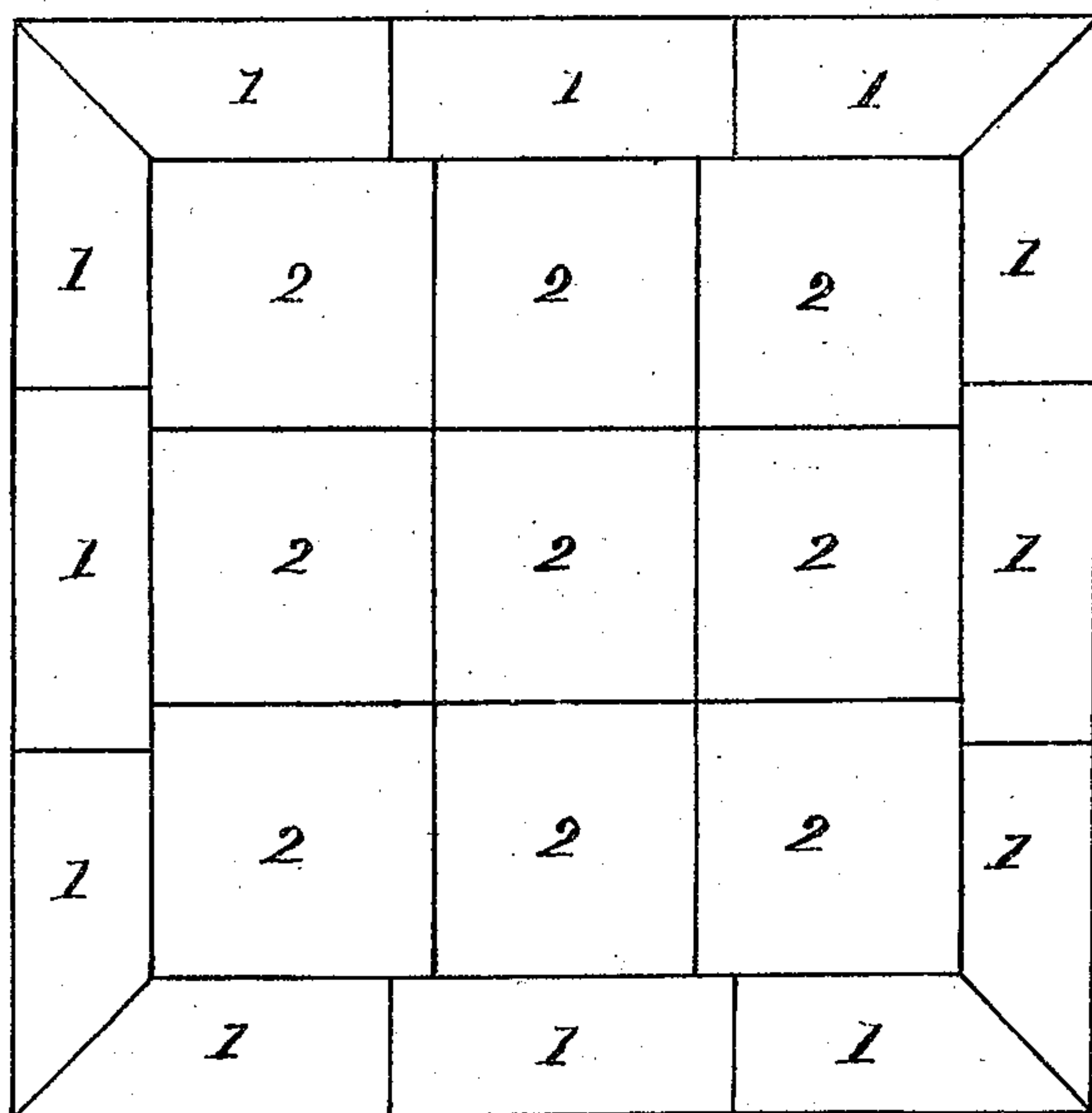
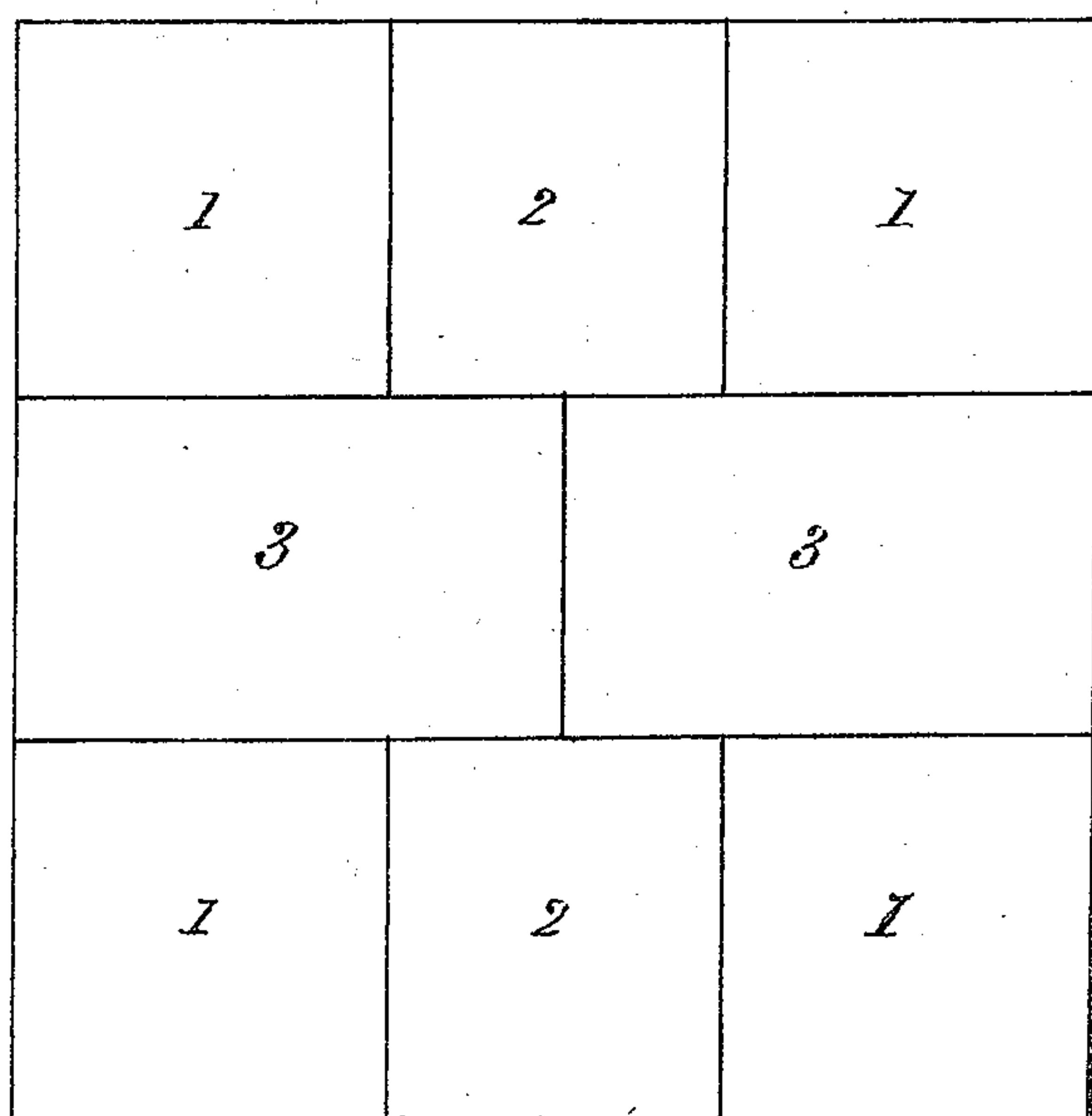


Fig. 2



Witnesses:

Geo W. Puck

W. L. S. S. S.

Inventor:

John Crabtree

UNITED STATES PATENT OFFICE.

JOHN CRABTREE, OF NEW YORK, N. Y.

MODE OF FORMING BLOCKS FOR PRINTING COLORS ON SILK, LINEN, COTTON, AND OTHER CLOTH.

Specification of Letters Patent No. 507, dated December 7, 1837.

To all whom it may concern:

Be it known that I, JOHN CRABTREE, silk, linen, and cotton printers, in the employ of the New York dyeing and printing establishment, in the city of New York, have invented a new and useful improvement in the mode of forming blocks for printing colors on silk, linen, cotton, and woolen goods and other fabrics to which such mode of printing is applicable, which mode of forming said blocks has not been known or so used prior to my invention of the same, and for which I am seeking a patent of the United States, and that the mode of forming said blocks, as distinguished from the mode hitherto generally practised of doing the same, is freely set forth and shown in the following description, and in the drawings annexed to and making a part of this specification, as follows:

Figure 1, is a linear representation of the mode hitherto practiced, of laying a set of printing blocks for use, in which the parts marked 1, form the sides of the border, and are mitered at the angles; the parts marked 2, form the middle, so that twelve layings are required for the border, and nine for the filling, for each color used; by this mode, the shrinkage and warping of the mitered pieces, causes the mitered joint to open, and when in use, this leaves the miter of the printed pattern imperfect, on the goods, and this imperfection is frequently made worse, by the block, for the second color, shrinking, or warping, in a different direction. This injury may be prevented by having a third block, expressly for the angle, but such a mode will add materially to the expense of printing.

The mode I propose to remedy or prevent

this injury, is shown in Fig. 2, which is a linear representation of the mode, for which I seek a patent, for laying a set of printing blocks for use, in which the angle pieces marked 1, are solid, and contain the angle or corner pattern, with its own parts mitered in the solid block, so that when the goods are printed, the pattern comes off perfect, which cannot be attained when this part of the block is in two pieces. The same blocks contain each a portion of the middle of the pattern, and the pieces marked 2, and 3, complete the square. By this arrangement, only eight layings, for each color, are required, to complete the printing of the goods, and much less labor is required, and the work is more neatly executed, than by the ordinary mode first described herein. The drawing represents a square but the mode is equally applicable to any other form.

What I claim as my invention, and for which I seek a patent, is—

The forming the angle blocks in one piece, so that they shall contain the angle or corner patterns, each having its own parts mitered in the solid block, in combination with the arrangement herein substantially described and set forth by which a less number of layings for each color are required and the work is more neatly executed than heretofore by the mode in general use.

In witness whereof I have hereunto set my hand in New York this eighteenth day of November one thousand eight hundred and thirty-seven.

JOHN CRABTREE.

Witnesses:

S. M. W. BROOKS,
W. SERRELL.