

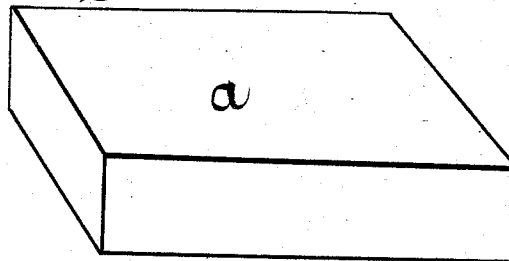
(No Model.)

J. E. CAPS.  
PRINTING BLOCK.

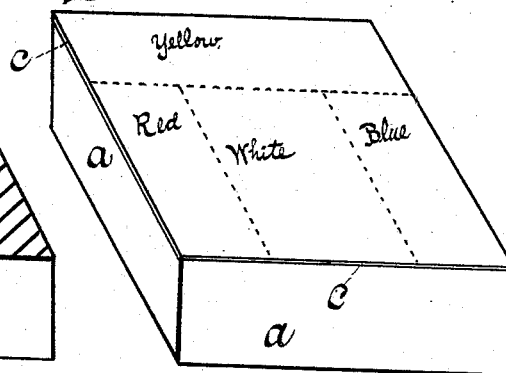
No. 265,017.

Patented Sept. 26, 1882.

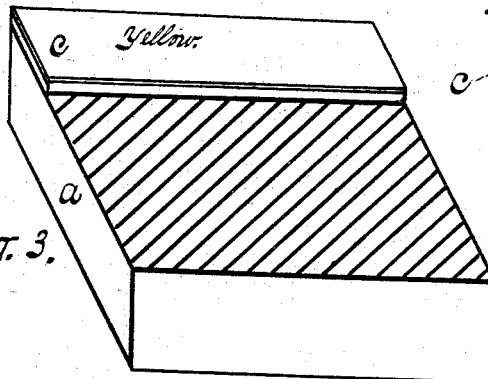
*Fig. 1.*



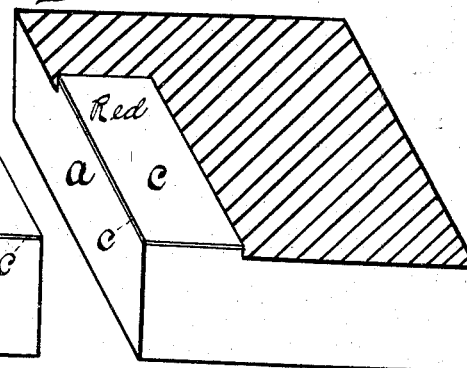
*Fig. 2.*



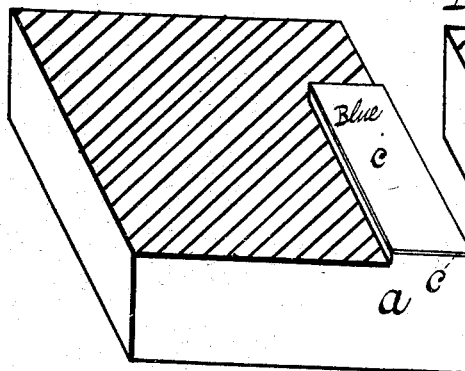
*Fig. 3.*



*Fig. 5.*



*Fig. 4.*



WITNESSES

*S. S. Adamson.*  
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*John E. Caps,*

INVENTOR

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HIS ATTY.

# UNITED STATES PATENT OFFICE.

JOHN E. CAPS, OF CINCINNATI, OHIO, ASSIGNOR TO MARIE CAPS, OF SAME PLACE.

## PRINTING-BLOCK.

SPECIFICATION forming part of Letters Patent No. 265,017, dated September 26, 1882.

Application filed December 29, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN E. CAPS, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Printing-Block, of which the following is a specification.

The object of the invention is the production of an improved printing-block; and it consists in a block to which is secured a printing-surface of paper, which is fitted for its use by being treated, as hereinafter described, with albumen, beeswax, and plumbago. I attain this object by the devices illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a block made type high. Fig. 2 is a view of the same block with a piece of hard-finished demi or book paper securely glued or pasted on one of its sides, with spaces designated for printing in three colors—viz., yellow, red, and blue. Fig. 3 is a view of the same with all of the surface of the block cut down except the part which is to print the yellow. Fig. 4 is a view of a block with all of the surface cut down except the part which is to print the blue. Fig. 5 is a view of a block with all the surface cut down except the part which is to print the red.

Similar letters refer to similar parts throughout the several views.

Cut the blocks at the desired size out of cherry or some other soft wood. Make them type-high, as shown in Fig. 1. Then take an impression (from your type or cut of what you want to tint or print in colors) with plenty of black ink. Then take a piece of hard-finished demi or book paper, lay it on the fresh proof, and put the same under a letter or copying press, wherefrom you will receive a perfect offset or reverse print on the demi-paper. Then take the best of white glue and cover one side of the cherry block. Then place the paper (the white side next to the glue) on the block and put it again under the letter or

copying press, with plenty of soft paper on top of the demi-paper, so that every portion of the demi-paper will be equally pressed to the block, as shown in Fig. 2. As soon as the glue is set take the block from under the press, and with a knife or small gonge cut out or down all of the surface of the block except what you want to print in one color. After this is done cover all of the surface you have left to print with a strong solution of albumen. While this is drying take a chamois and rub some beeswax over it evenly. Then take the block and rub the paper side violently over the beeswax (on the chamois) until you get the albumenized surface of the block slightly covered with the beeswax. Then cover another chamois with plumbago or black-lead and rub the block over it, the same as you did the beeswax, until the surface is thoroughly covered with the plumbago, and the block is ready for the printing-press. Should you desire to print in three colors—say red, blue, and yellow—you might cut out the red and blue first, and that block would print the yellow, as shown in Fig. 3. The other block you might cut out the yellow and blue, and that block would print the red, as shown in Fig. 5; and the other block you would cut out the yellow and red, and it would print the blue, as shown in Fig. 4, the part marked white in Fig. 2 being cut out in each block, so you would have a block for every different color, they all being prepared in the manner before described.

Having thus described my invention, I claim—

A block having a printing-surface of paper treated, as described, with albumen, beeswax, and plumbago, for the purpose set forth.

JOHN E. CAPS.

Witnesses:

C. E. ADAMSON,  
E. L. SPENCE.