A. J. O'SHEA.

Registering-Device for Stereotype-Blocks.

No. 161 542. Patented March 30, 1875.

Fig. 1.

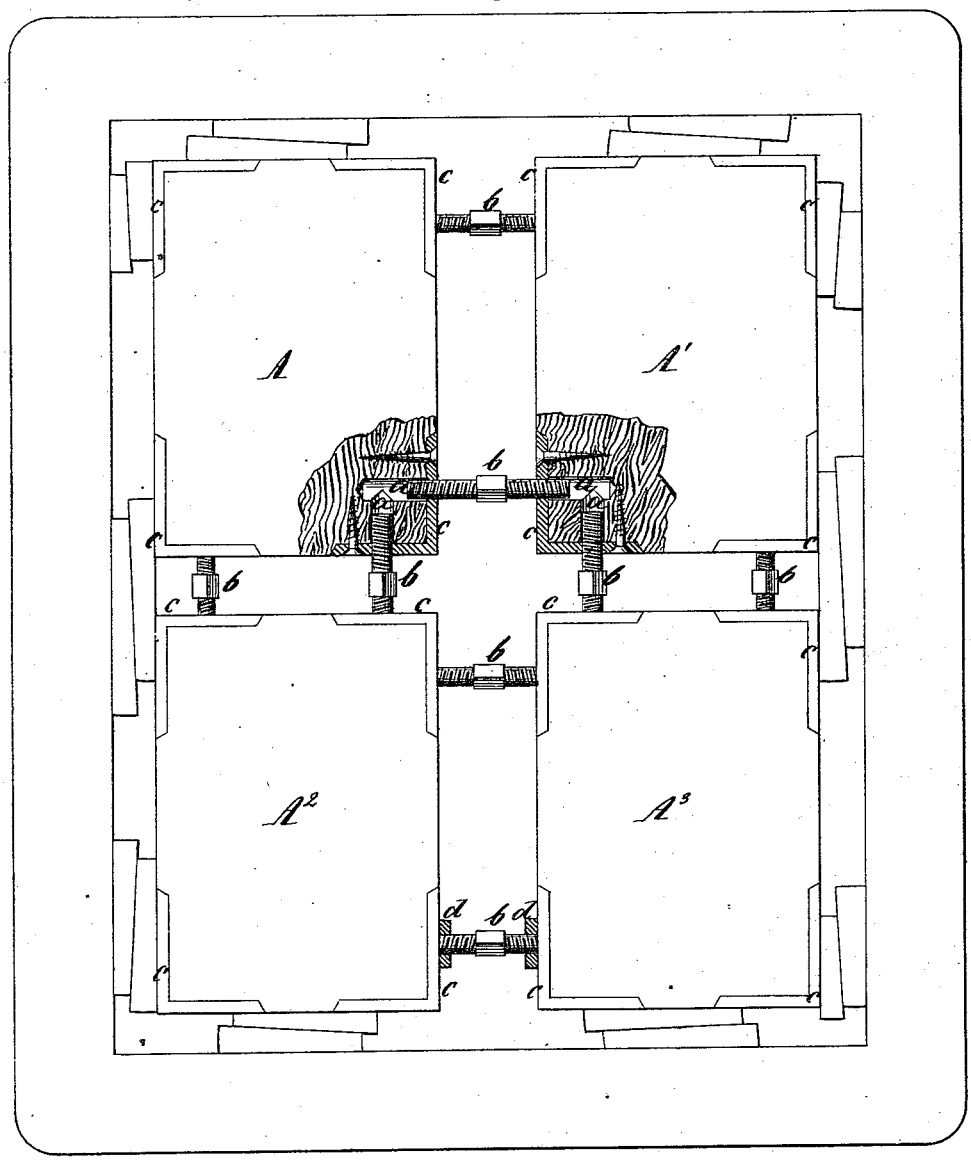
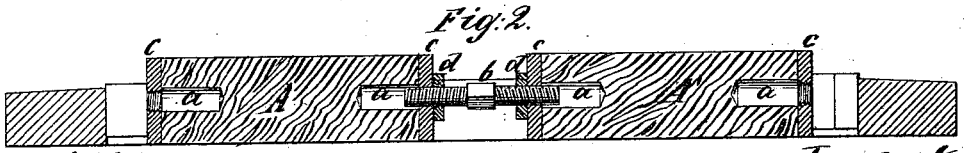


Fig. 2.



Witnesses:
Ernst Bilhuber
Chas. Wahlers.

Inventor:
Andrew Jackson O'Shea
per
Van Santvoord & Hauff
Attys

UNITED STATES PATENT OFFICE.

ANDREW JACKSON O'SHEA, OF JERSEY CITY, NEW JERSEY.

IMPROVEMENT IN REGISTERING DEVICES FOR STEREOTYPE-BLOCKS.

Specification forming part of Letters Patent No. **161,542**, dated March 30, 1875; application filed February 13, 1875.

To all whom it may concern:

Be it known that I, ANDREW JACKSON O'SHEA, of Jersey City, in the county of Hudson and State of New Jersey, have invented a certain new and useful Improvement in Registering Devices for Stereotype-Blocks, of which the following is a specification:

This invention is illustrated in the accompanying drawing, in which—

Figure 1 represents a sectional plan or top view. Fig. 2 is a transverse vertical section.

Similar letters indicate corresponding parts.

This invention consists in the combination of screws having right and left handed screw-threads with the blocks, which serve as bases for the plates, from which the different colors are to be printed in such a manner that, by means of said screws, the registering of the various colors can be effected with ease and facility.

In the drawing, the letters A A^1 A^2 A^3 designate the blocks which serve as bases for the plates, from which different colors are to be printed. These blocks may be made of wood or metal, and they are provided with sockets *a a*, to receive the right and left handed screws *b b*. When the supporting-blocks A A^1 A^2 A^3 are made of wood I secure to their edges metallic corner-pieces *c c*, for the purpose of affording a firm hold to the screws *b b*. These corner-pieces may, however, also be secured to metallic blocks, so that the sockets in the bodies of said blocks can be bored out large enough to admit the screws *b b* freely, the screw-threads being contained in the corner-pieces. By adopting this plan, the screws, after having been inserted into their respective sockets, are not held perfectly rigid, and they can be operated with greater ease than they can if the sockets in the blocks are made to fit the screw-threads throughout their whole depth.

The screw-sockets in the supporting-blocks are arranged in pairs near to their corners, and they are so distributed that those situated on the long sides and also those situated in the short sides in each block are equidistant to the sockets in the corresponding sides on the other blocks, while the screw-threads in the various sockets are so arranged that, when the blocks are arranged in a chase, the sockets opposite to each other will have screw-threads of a different nature, so that if the sockets in the blocks A have right-handed screw-threads, those in the blocks A^1 A^2 have left-handed screw-threads, or vice versa.

When the right and left hand screws *b b* are inserted in the several sockets, therefore, the blocks can be readily and conveniently adjusted in the desired position in relation to each other, and the impressions taken from the plates fastened to said supporting-blocks can be brought to register with perfect accuracy.

After the supporting-blocks have been adjusted in the desired position, the screws *b b* are secured by lock-nuts *d d*.

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

The blocks A A^1 A^2 A^3, for receiving and holding the plates from which to print the desired color, each provided with screw-threaded sockets *a a*, in combination with the right and left hand screws *b b*, adapted to the screw-threaded sockets of the blocks, substantially as and for the purpose described.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 9th day of February, 1875.

ANDREW JACKSON O'SHEA. [L. S.]

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.