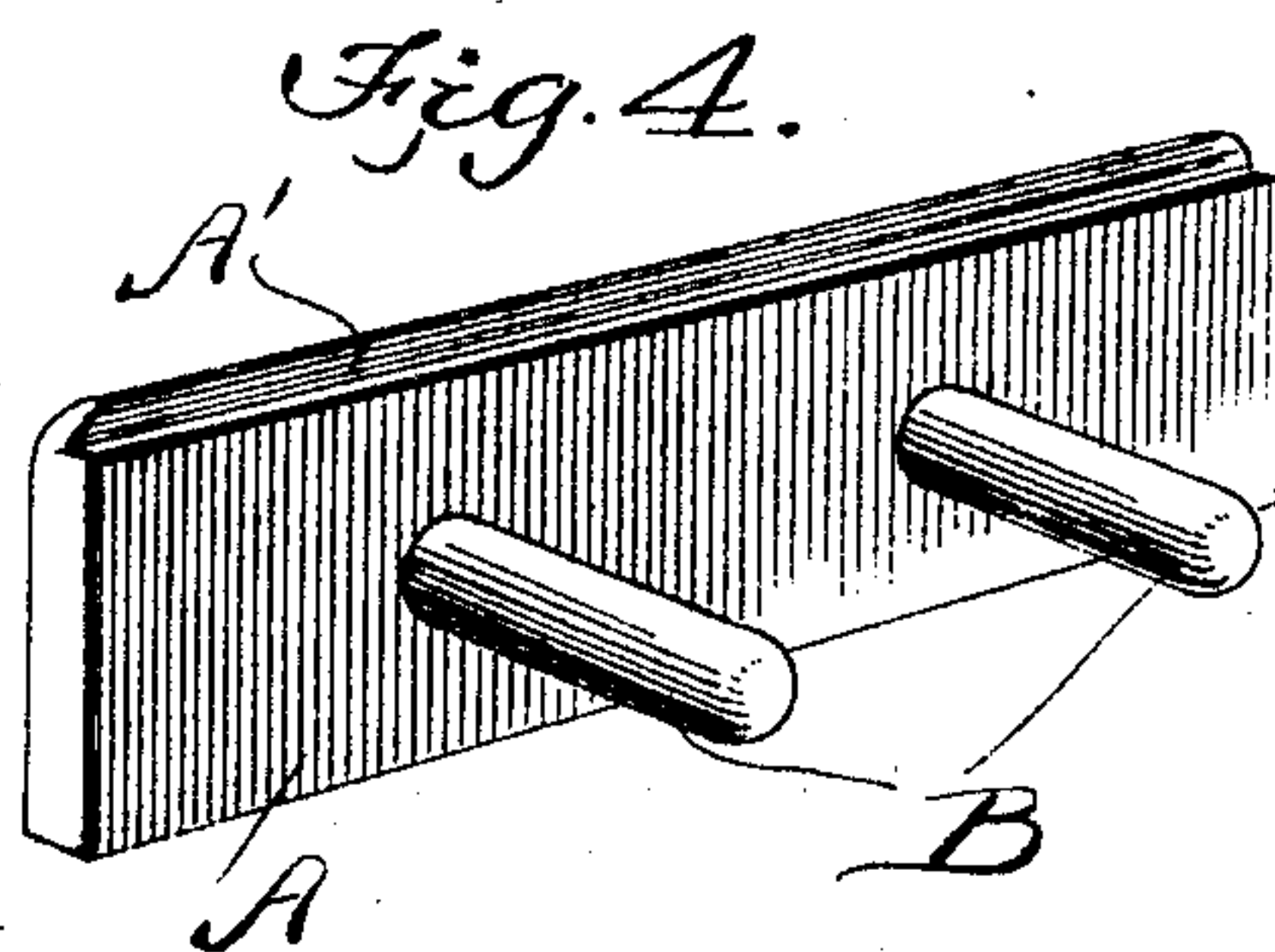
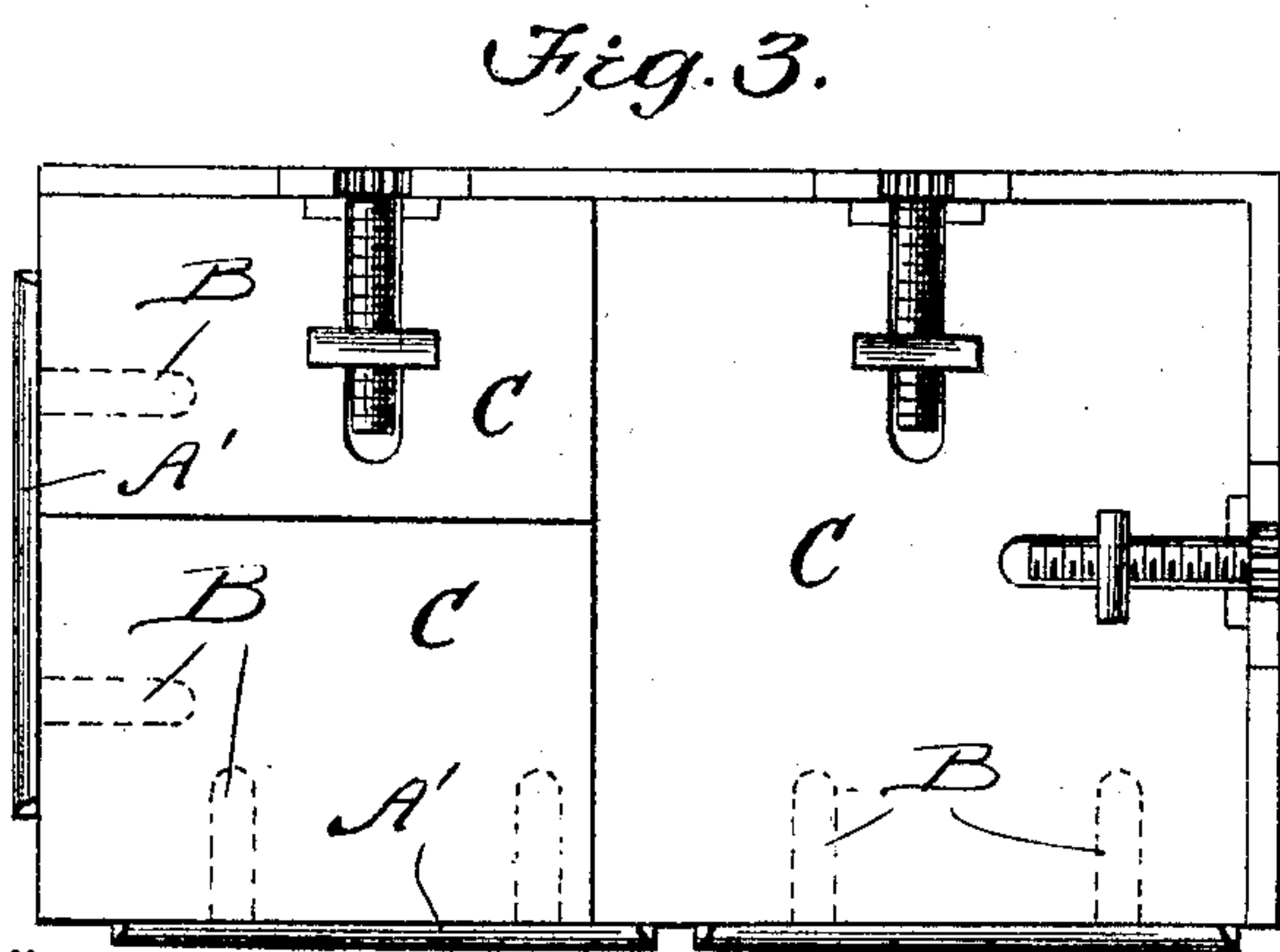
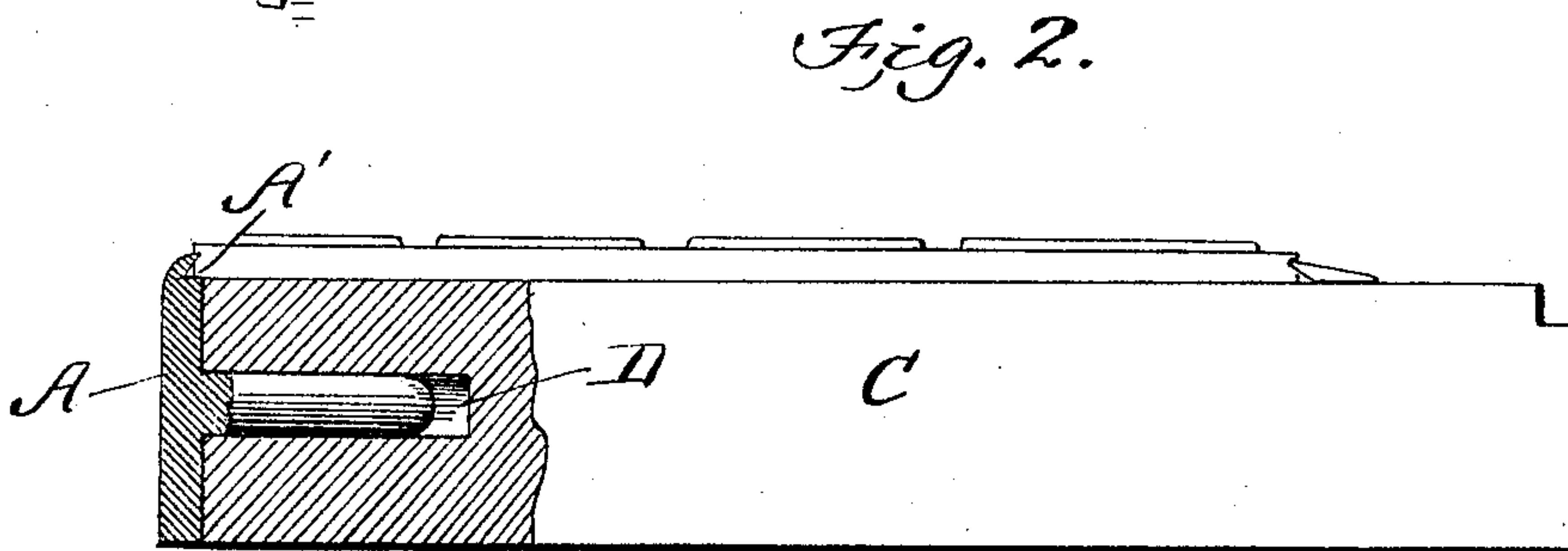
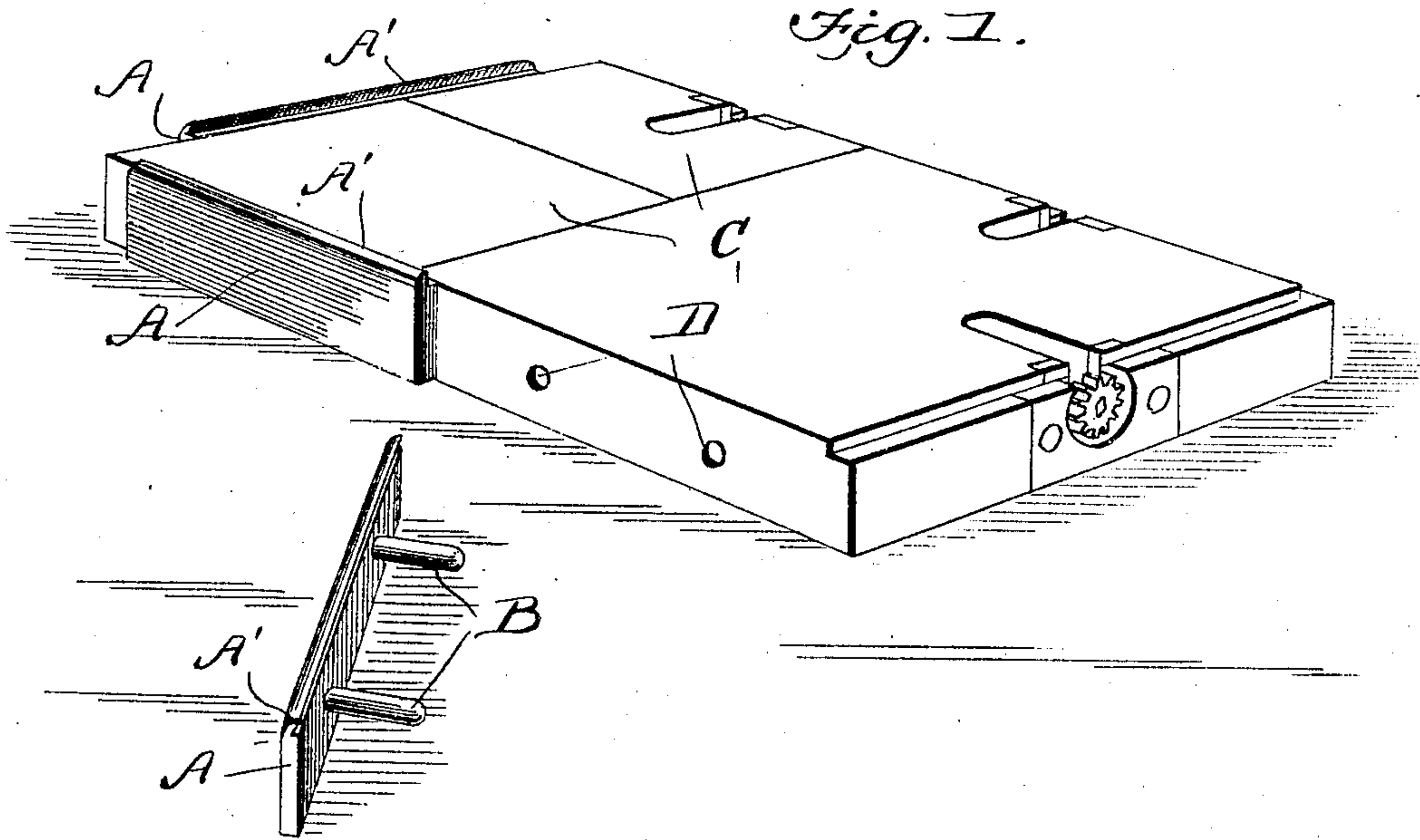


No. 799,511.

PATENTED SEPT. 12, 1905.

E. L. WILSON.
ADJUSTABLE PRINTER'S BLOCK.
APPLICATION FILED OCT. 8, 1904.



Witnesses
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UNITED STATES PATENT OFFICE.

EDWIN L. WILSON, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF TO
ROBERT M. EASTMAN, OF CHICAGO, ILLINOIS.

ADJUSTABLE PRINTER'S BLOCK.

No. 799,511.

Specification of Letters Patent.

Patented Sept. 12, 1905.

Application filed October 8, 1904. Serial No. 227,682.

To all whom it may concern:

Be it known that I, EDWIN L. WILSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Adjustable Printers' Blocks, of which the following is a specification.

This invention relates to a side brass and a block to be used in combination therewith, the said block serving as a base for the ordinary printing-plate or for a plate employed in three-color work.

The object of the invention is to enable the same blocks to be used with both kinds of plates.

Blocks heretofore designed for use with ordinary printing-plates have been useless for use with work with three-color plates, owing to the close register which must be maintained in printing one color over the other, and in the color-process work it has been necessary to equip an office with electrotypes-bases designed especially for use with the color-printing plates and not adapted for use with the ordinary printing-plate.

With this object in view my invention consists in a block and brass strip which can be easily and quickly adapted to accommodate either three-color or ordinary printing plates and which will also be adapted for use with various-sized plates.

This invention is also an improvement upon my former invention, for which I was granted Letters Patent No. 640,346, dated January 2, 1900.

In printing from plates designed for three-color or process, where, as before stated, each color must be in absolute register with that previously printed, it becomes necessary to have a block for holding the plate provided with side clutches or hooks on all sides, and in a block designed for both kinds of plates the side brasses must be easily removable and to avoid confusion in replacing the brasses must be interchangeable.

In the accompanying drawings, illustrating my improvement, Figure 1 is a perspective view showing block, and two side brasses, a third side brass being shown detached. Fig. 2 is a side elevation of a block, partly in section.

Fig. 3 is a plan view, and Fig. 4 is a detail perspective view, of one of the side brasses.

In the drawings, A represents the brasses of uniform length and provided with an undercut longitudinal groove A'. From these side brasses extend inwardly rods or pins B, of comparatively short length. The blocks C are provided with sockets D, formed in the sides of the blocks and adapted to receive the pins B. The remaining parts are of the usual construction. The blocks A are all of the same length, and the distance between the pins of each block is also uniform. The sockets D are so located in the sides of the blocks C that when the blocks are grouped into a rectangle the sockets D will be grouped into pairs, and the sockets of each pair will register with the pins B of the brasses A, and it will be noted from Fig. 3 that the sockets forming a pair need not be formed in the same block, but may be divided between adjacent blocks. On a base formed of three blocks, as shown in Fig. 3, two side brasses A will be arranged upon the longer side of the rectangle on one side and one brass at one end, the end brass connecting two blocks. The three blocks shown in Figs. 1 and 3 when thus grouped together form a key-block of a size permitting various combinations by the grouping of a number of key-blocks, and by shortening the rods or pins B sockets can be formed in all of the blocks or sections composing a key-block, thus providing for the ready adjustment of the side brasses, all of which are interchangeable.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination with a key-block formed in sections and provided with sockets formed in its sides, of a plurality of brasses of equal length and having pins adapted to engage the sockets, the sockets of each block being a uniform distance apart.

2. A device of the kind described comprising a sectional key-block having sockets arranged in pairs, side brasses of uniform length, and pins arranged in pairs and carried by the brasses, each pair of pins being adapted to engage any pair of sockets.

3. A device of the kind described comprising a plurality of blocks adapted to be combined into a rectangle, sockets being formed in the sides of said blocks, said sockets being
5 grouped in pairs, the sockets of each pair being an equal distance apart, and a plurality of brasses of uniform length, each brass having thereon a pair of pins adapted to register with any pair of sockets,

EDWIN L. WILSON.

Witnesses:

JAMES SIPPEY,
HENRY JACOBSEN.