

(No Model.)

H. FIETSCH, Jr.

BLOCK FOR STEREOTYPE OR ELECTROTYPE PLATES.

No. 406,828.

Patented July 9, 1889.

Fig. 1.

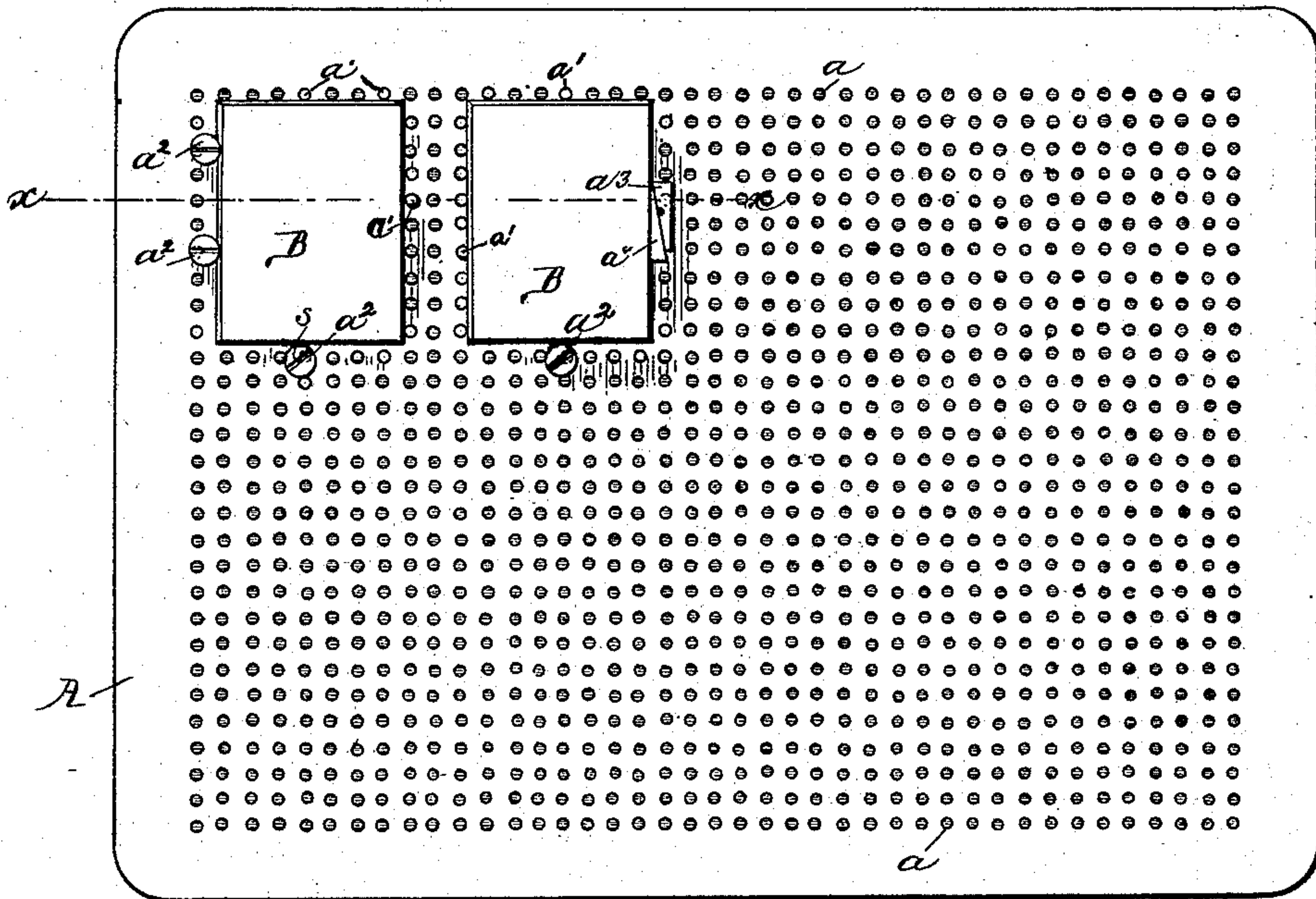


Fig. 2.

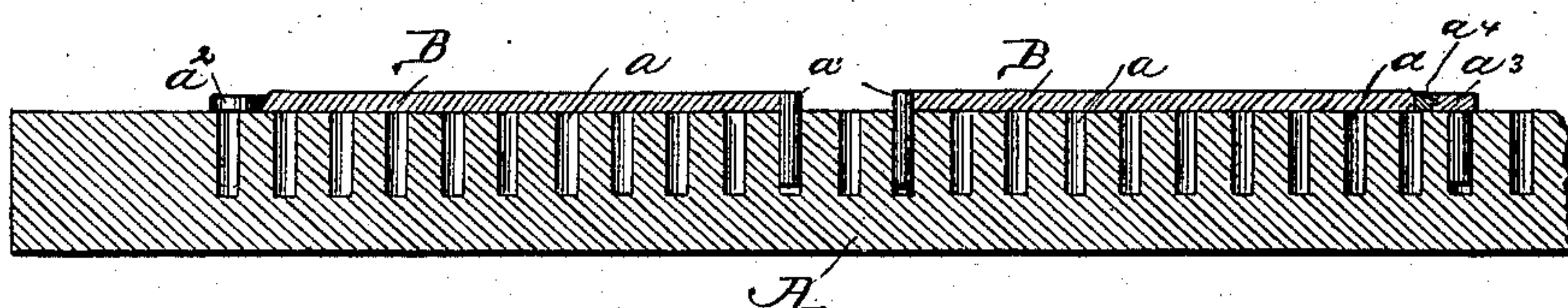


Fig. 3.

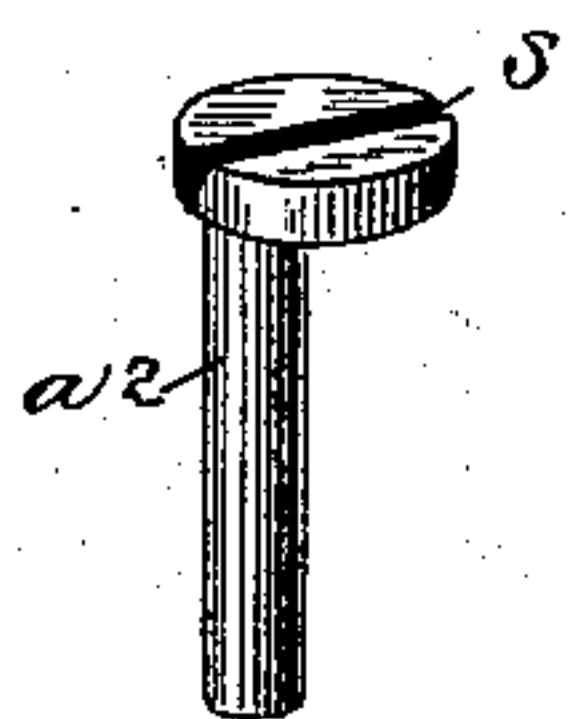
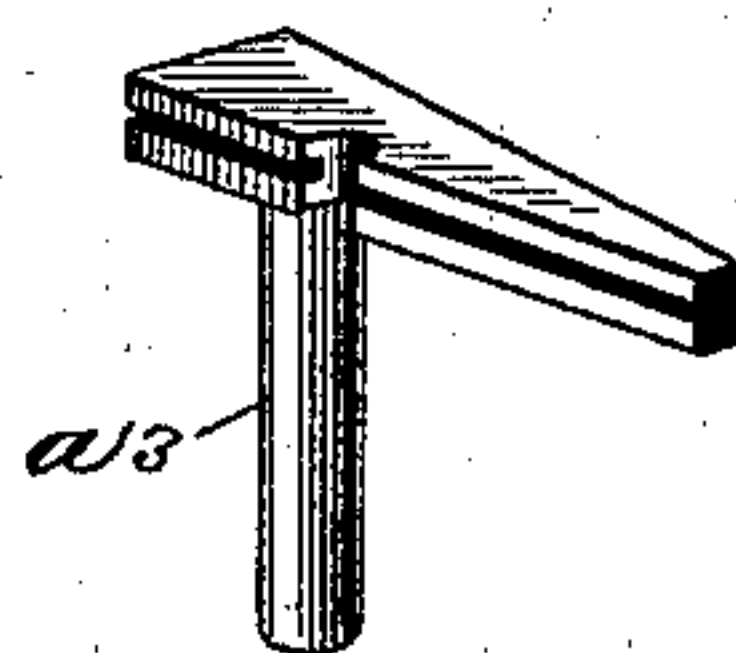


Fig. 4.



Witnesses

W. Rossiter
James Whipple

Inventor

Herman Fietsch Jr.
By Merriam & Whipple
Atty's.

UNITED STATES PATENT OFFICE.

HERMAN FIETSCH, JR., OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF TO
DANIEL W. RYAN, OF SAME PLACE.

BLOCK FOR STEREOTYPE OR ELECTROTYPE PLATES.

SPECIFICATION forming part of Letters Patent No. 406,828, dated July 9, 1889.

Application filed July 24, 1888. Serial No. 280,876. (No model.)

To all whom it may concern:

Be it known that I, HERMAN FIETSCH, Jr., of Chicago, in the State of Illinois, have invented certain new and useful Improvements in Blocks for Stereotype or Electrotypes Plates, of which the following is a specification.

The object of my improvements is to provide a base or block to which one or more stereotype-plates may be readily secured for printing.

The accompanying drawings illustrate the invention.

Figure 1 is a top view of the block or base with two electrotypes-plates secured thereto. Fig. 2 is an enlarged fragmentary section on line xx of Fig. 1. Fig. 3 is an enlarged view of a stop-pin provided with an eccentric head. Fig. 4 is an enlarged view of a pin with a modified form of head adapted to be used with a quoin.

A designates the block or base, which should be made of the required size and adapted to be secured in the press the same as a chase. The upper surface of the block is smooth and level and provided with pin-holes a , arranged in check or cross rows placed in straight lines and at uniform distances apart, wherein stop-pins may be placed so as to come against the edges of the electrotypes-plates B, placed on the block, and hold the same in position thereon.

In operation two or more stop-pins a' , Fig. 1, are placed in the same row of holes at one end and at one side of the plate, which is shoved tight against these pins both at the end and side. Then wedging-pins a^2 , with an eccentric head, provided with a slot s or opening for a key, are placed in one or more of the holes which come nearest to the other side and end of the plate. The heads of the pins come clear down on the block, and in case they do not meet the edges of the plate a key is applied in the slot and the pin is turned until the edge of the head, through its eccentric connection with the pin, is brought to bear with a wedging effect against

the edge of the plate. As a modification or equivalent of the eccentric head the pin a^3 , Fig. 4, or an ordinary stop-pin, as a' , may be used with a quoin in case the pins last put in do not come snugly against the edge of the plate in such manner as to securely fasten it in place.

The edge of the head of the wedge-pins, or that part which projects above the upper surface of the base-block, is adapted to match the edge of the plate—that is, if the edges of the plate are made beveling or square (they are made both ways) the edge of the pin-head should be made to correspond or match that of the plate, whichever kind is used.

It will be noticed that the openings are smooth-sided, and are thus adapted for the quick insertion of the smooth plain-sided pins. This is advantageous, as it not only saves time in the adjustment of the plates, but does not necessitate the use of screw-drivers for placing the stop-pins. This also allows the use of the eccentric-headed wedge-pins, which of course must be turned without affecting its vertical position relatively to the edge of the plate.

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

1. In combination, the base-block for stereotype or electrotypes plates, having holes in its surface, stop-pins adapted to said holes, and wedges for forcing the plates against the stop-pins, substantially as described.

2. In combination, the base-block for stereotype-plates, having holes, stop-pins adapted thereto, and wedge-pins a^2 , having eccentric heads, substantially as described.

3. In combination, the base-block having the holes with smooth sides, the smooth stop-pins adapted thereto, and the wedging means, substantially as described.

HERMAN FIETSCH, JR.

Witnesses:

JNO. H. WHIPPLE,
J. H. KEHM.