

No. 828,768.

PATENTED AUG. 14, 1906.

A. J. PARKER.

MOUNTING BOARD FOR STEREOTYPES AND OTHER PLATES.

APPLICATION FILED SEPT. 6, 1904.

Fig. 1.



Fig. 2.



Fig. 3.

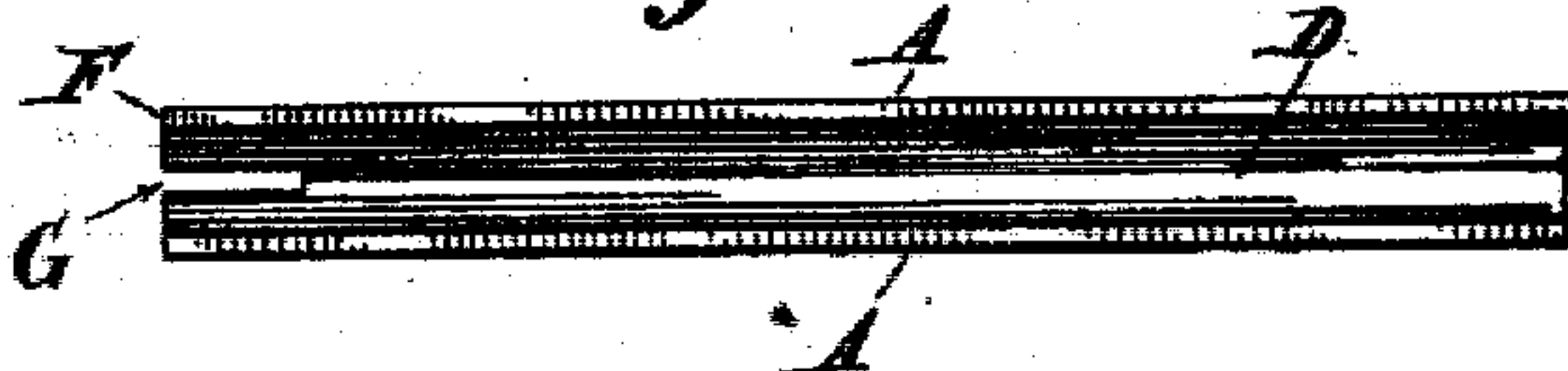


Fig. 4.

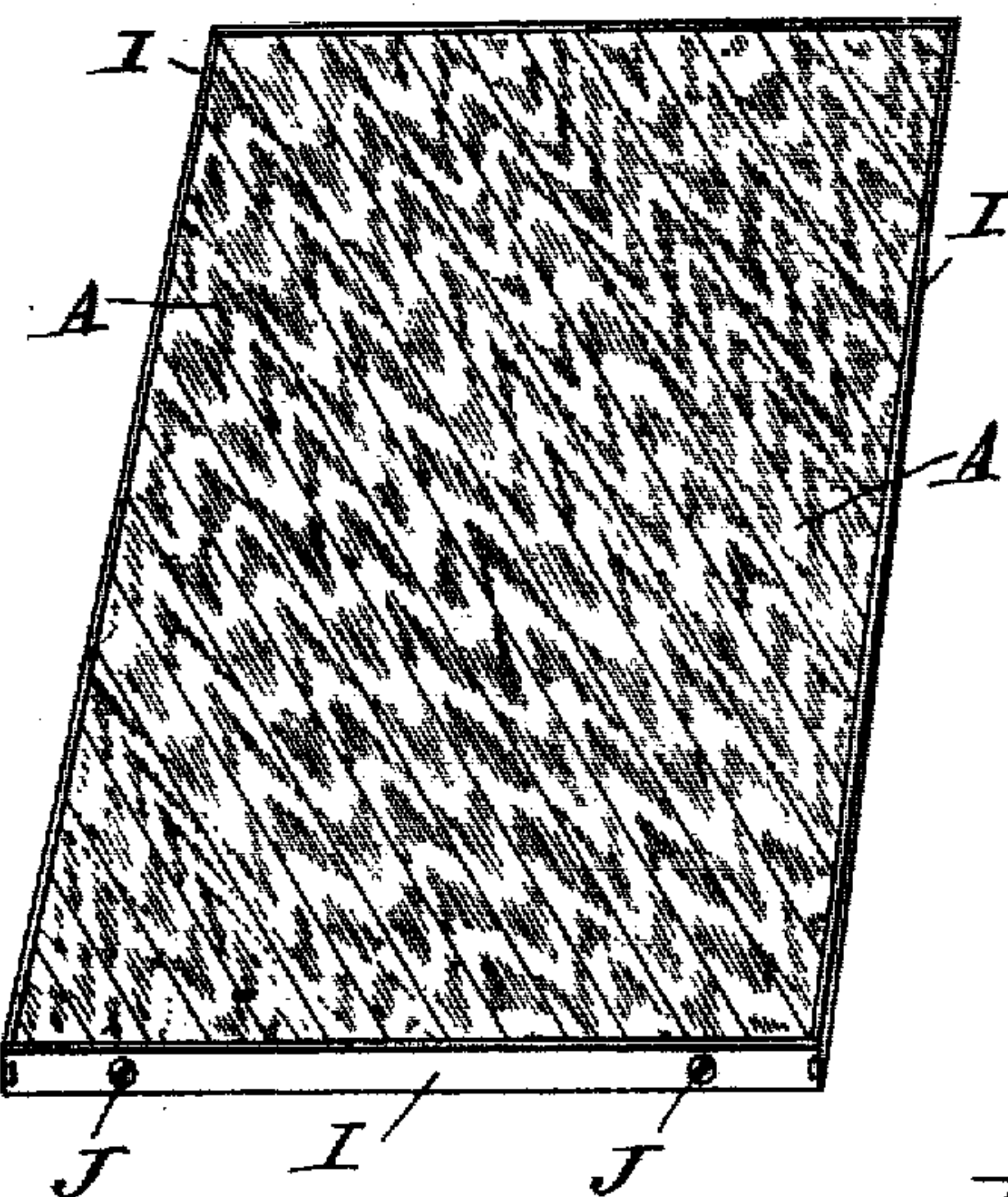


Fig. 5.

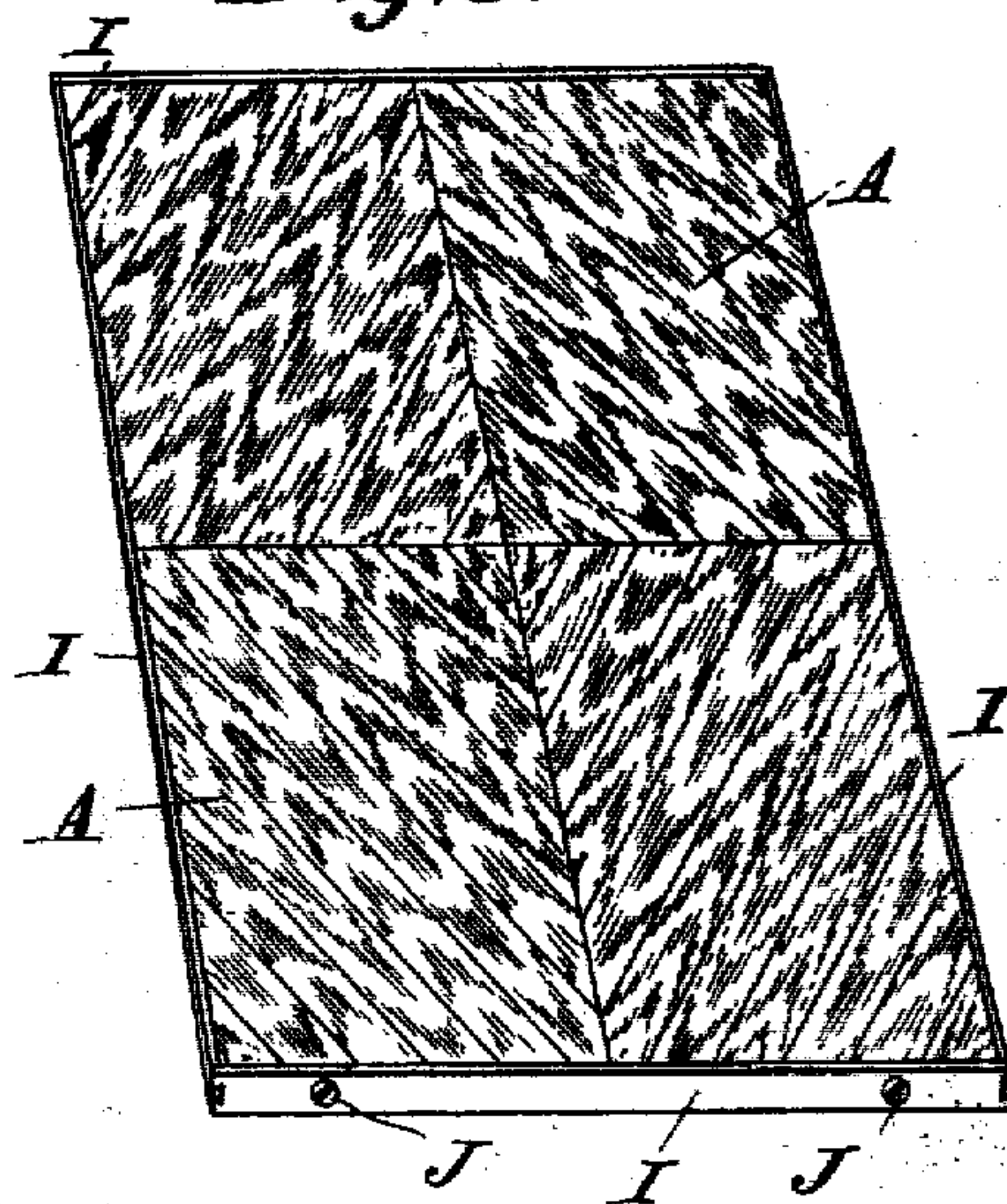
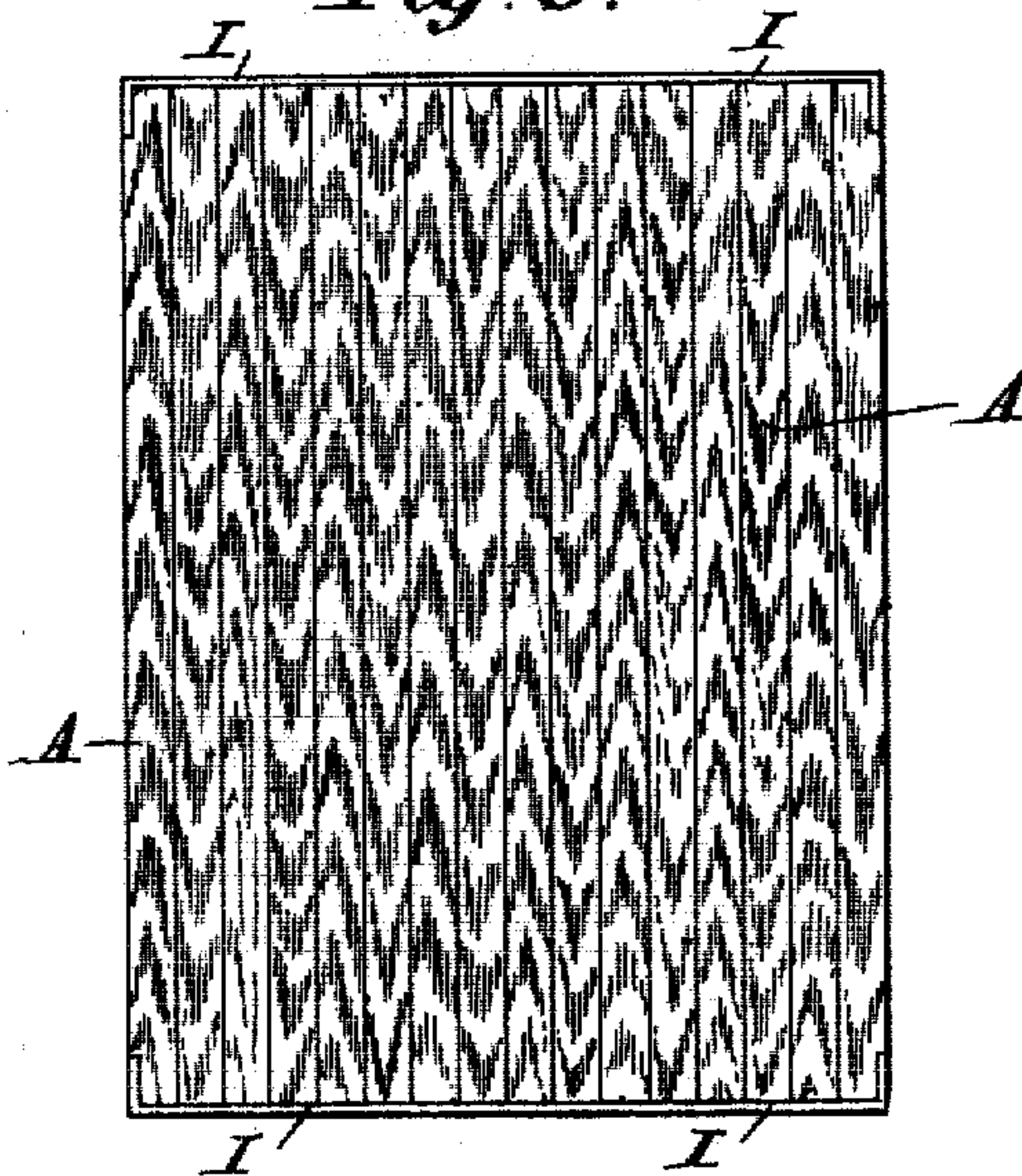


Fig. 6.



Witnesses:

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UNITED STATES PATENT OFFICE.

ALFRED JOHN PARKER, OF LONDON, ENGLAND.

MOUNTING-BOARD FOR STEREOTYPES AND OTHER PLATES.

No. 828,768.

Specification of Letters Patent.

Patented Aug. 14, 1906.

Application filed September 6, 1904. Serial No. 223,492.

To all whom it may concern:

Be it known that I, ALFRED JOHN PARKER, a subject of the King of Great Britain, residing at 5 Maclean's Buildings, city of London, England, have invented certain new and useful Improvements in Mounting-Boards for Stereotypes and other Plates, of which the following is a specification.

The object of this invention is to provide a board on which stereo, electro, zinco, and other plates used in letter-press printing can be mounted on an absolutely true bed and which shall not warp or become distorted through damp or heat.

My invention will be clearly understood from the following description, aided by the accompanying drawings, in which—

Figure 1 is an end view of two of the wood strips joined together, such strips being employed in forming the mounting-board. Fig. 2 is an end view of the T-iron from which is formed the frame with which the board is surrounded, thus securing the wood strips together. Fig. 3 is a side view of a strip of wood, showing the groove along the grain of the wood and at the slot at the end across the grain for reception of one leg of the T-piece. Fig. 4 is a perspective elevation of a complete board with the wood strips running at an angle thereto. Fig. 5 is a similar view with the strips of wood running at two different angles. Fig. 6 is a similar view with the strips of wood running lengthwise of the board.

For the purpose of my invention I make my board from a number of strips of wood A of the same thickness, each strip having its edges B B running with the grain of the wood of slightly concave or tenon shape C on one side and convex or mortised, as at D, or of equivalent shape on the other edge B, so that when placed together the tenoned edge B of one strip will fit into the mortised edge B' of the next strip, the grain of each strip extending in the direction of the length thereof, and the said strips are so arranged with respect to each other that the grain of the strips will extend in an alternate manner with respect to each other—that is to say, the grain of one strip extends in one direction, the grain of the adjoining strip extends in the

opposite direction with respect to the grain of the other strip. Such an arrangement of the grain is carried on throughout the board.

The end edges F of the boards A are grooved or recessed at G for receiving the leg H of a piece of T-iron I, the ends of which are secured by screws J to the board, thereby giving great strength and rigidity. The leg of T-iron may be further secured by pins at intervals, driven through from the surface of the board. The exposed surfaces of the board are chemically treated to resist dampness.

Thus completed my board is ready to receive stereo and other plates which may be mounted in the ordinary way.

When the board is constructed with the grooved strips A running diagonally across, as at Figs. 4 and 5, the T-iron I extends right round the board; but when the wood strips run straight across or down the board the T-iron I need only be placed at the end of the wood strip A with the projecting ends of the T-iron turned up and screwed to the sides of the two outside strips of wood, as will be understood by reference to Fig. 6.

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

1. A mounting-board for stereotype and other plates having its upper surface in the same plane throughout and comprising a plurality of wooden strips mortised together and having the grain of each strip extending in the direction of the length thereof, said strips so arranged with respect to each other that the grain of the strips will extend in an alternate manner with respect to each other, and means for bodily securing the strips together.

2. A mounting-board for stereotype and other plates having its upper surface in the same plane throughout and comprising a plurality of wooden strips mortised together and having the grain of each strip extending in the direction of the length thereof, said strips so arranged with respect to each other that the grain of the strips will extend in an alternate manner with respect to each other, and means engaging in the ends of the strips for bodily securing them together.

3. A mounting-board for stereotype and other plates having its upper surface in the same plane throughout and comprising a plu-

5 rality of wooden strips engaging with each other and having their ends provided with grooves and having the grain of each strip extending in the direction of the length thereof, said strips so arranged with respect to each other that the grain of the strips will extend in an alternate manner with respect to each other, and means extending in the grooved end of the strips and secured to the

ends of the strips for bodily securing the 10 strips together.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ALFRED JOHN PARKER.

Witnesses:

WM. J. BROWN,
HY MARKELS.