

No. 702,606.

Patented June 17, 1902.

S. WATERMAN.

FRAME OR BASE FOR ZINC OR ELECTROTYPE PLATES.

(Application filed Mar. 8, 1901.)

(No Model.)

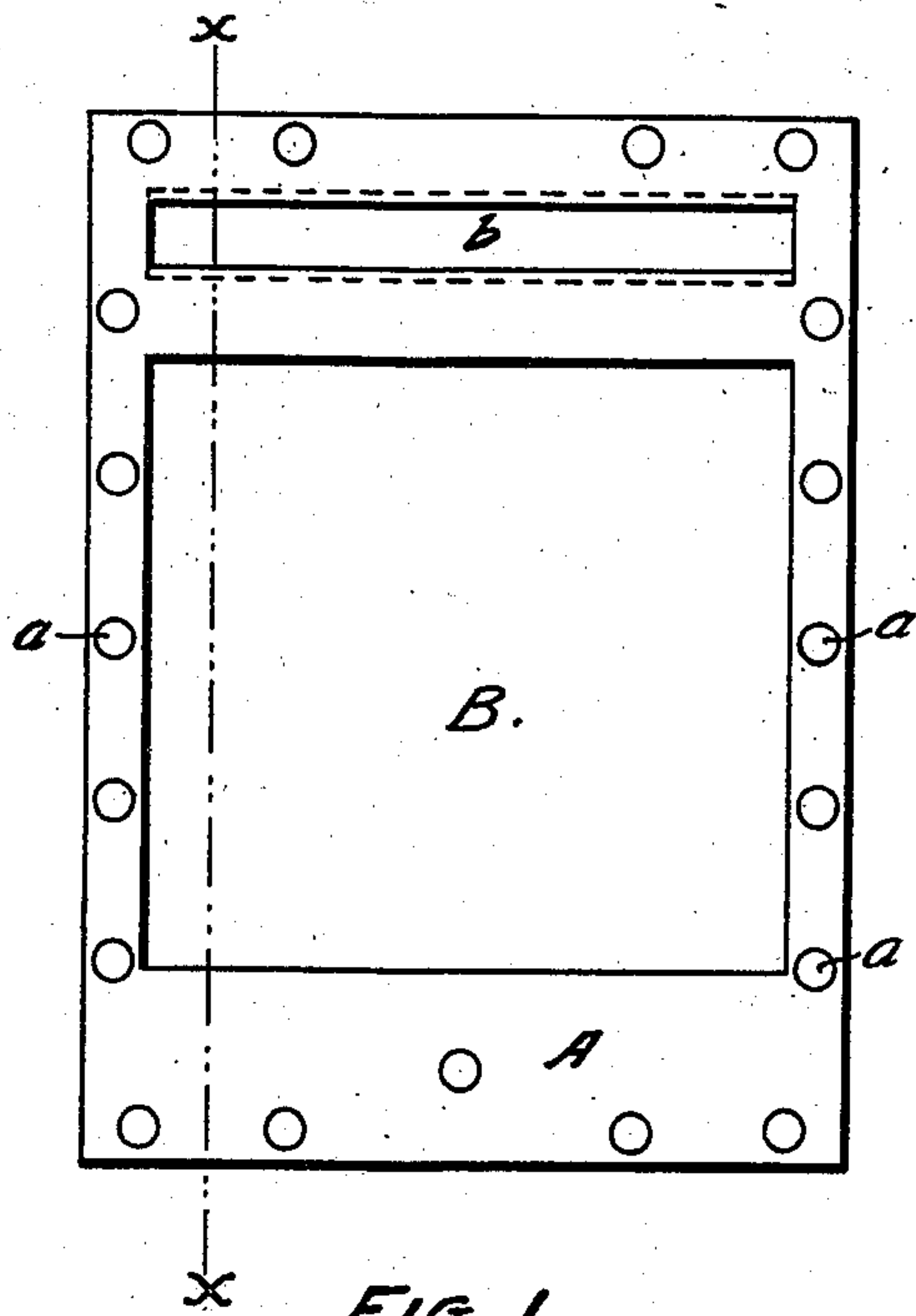


FIG. 1.

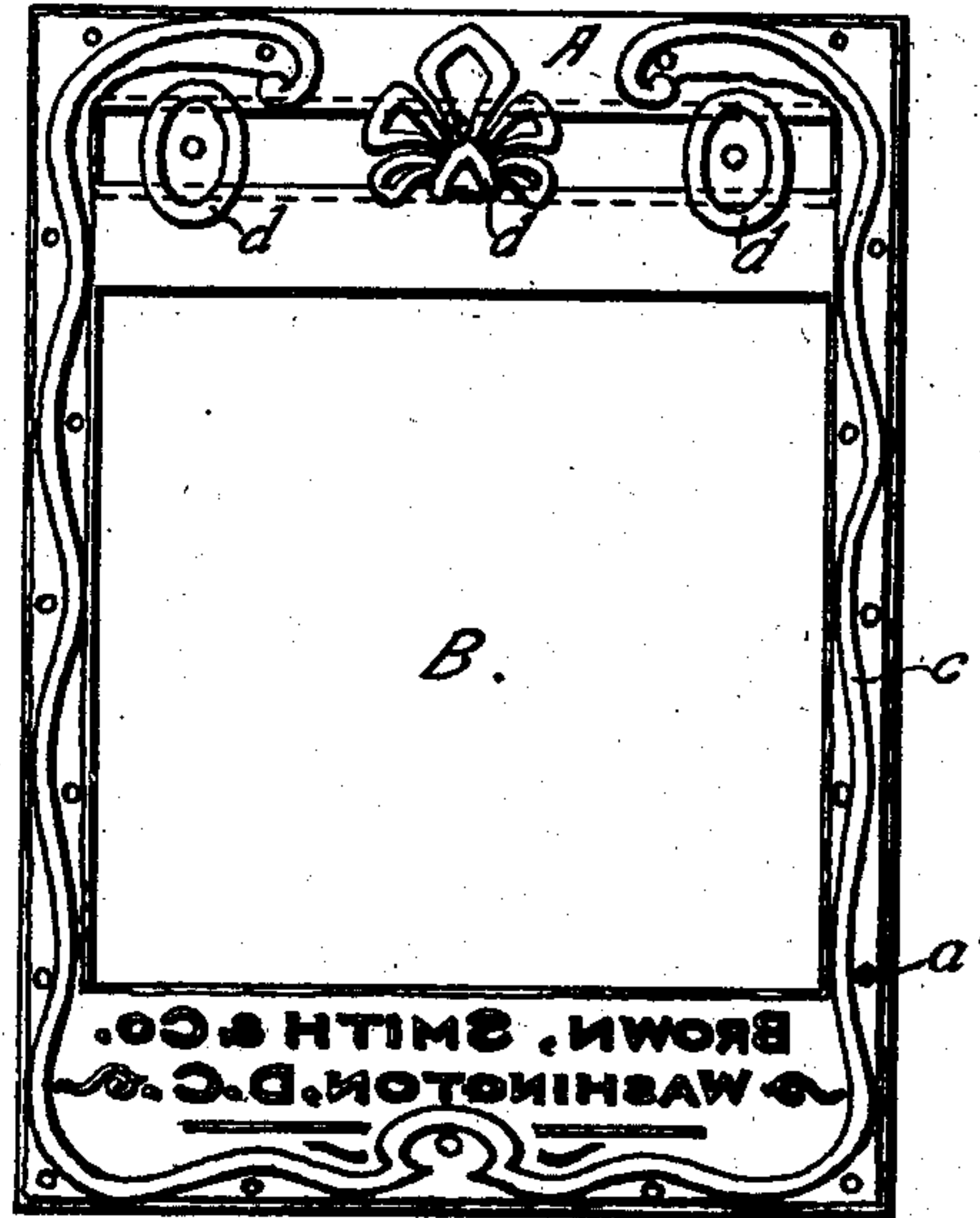


FIG. 2.

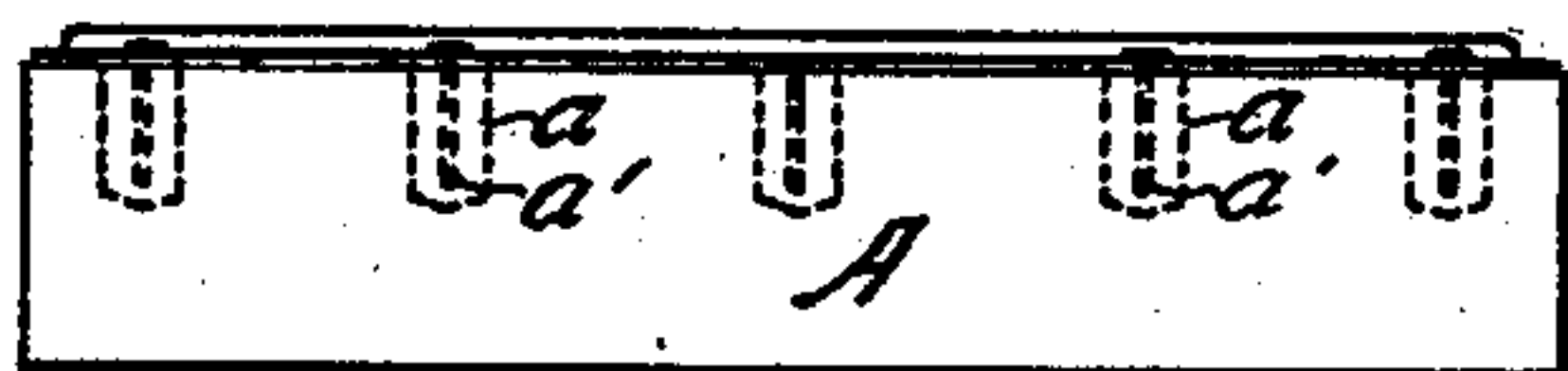


FIG. 3.

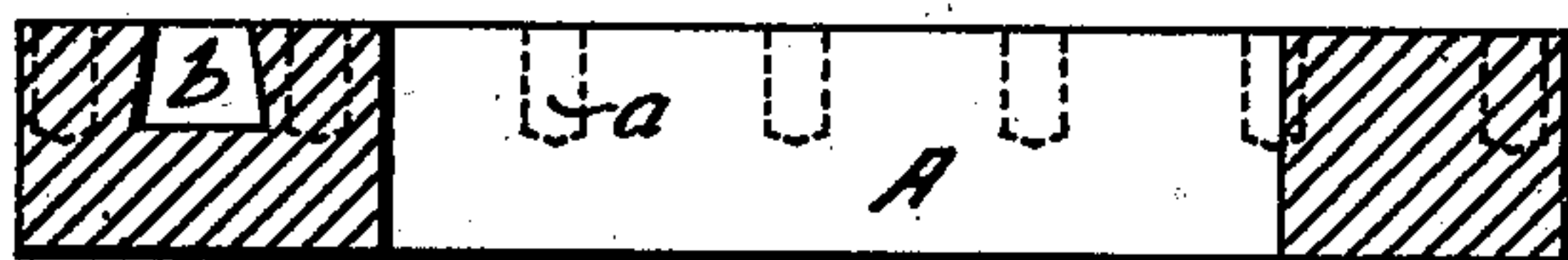


FIG. 4.

WITNESSES,

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# UNITED STATES PATENT OFFICE.

STEPHEN WATERMAN, OF PROVIDENCE, RHODE ISLAND.

## FRAME OR BASE FOR ZINC OR ELECTROTYPE PLATES.

SPECIFICATION forming part of Letters Patent No. 702,606, dated June 17, 1902.

Application filed March 8, 1901. Serial No. 50,333. (No model.)

*To all whom it may concern:*

Be it known that I, STEPHEN WATERMAN, of the city and county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Frames or Bases for Zinc or Electrotpe Plates; and I do hereby declare the following specification, taken in connection with the accompanying drawings, forming a part of the same, to be a full, clear, and exact description thereof.

The invention relates to a base or support for zinc, electrotpe, or stereotype plates to be used for borders, cuts, illustrations, &c., in connection with printed matter, and is especially designed for advertisements surrounded by borders and accompanied by cuts where it is desirable to frequently change the cuts or printed matter, or both, without changing or disturbing the remainder of the advertisement.

The object of the invention is to provide a base or support adapted to hold detachable borders or cuts and inclose type for printed matter which will not yield and spring out of shape when subjected to pressure and heat.

To these ends the invention consists in constructing a base of a rigid or unyielding material in the form of a frame for inclosing type-matter and having recesses adapted to be filled with a yielding material to serve as a fastening for detachable borders and cuts of varying designs.

In describing the invention more in detail reference will be made to the accompanying drawings, in which—

Figure 1 is a plan view of a base or support containing my improvement. Fig. 2 is Fig. 1 with a detachable border and cuts superimposed. Fig. 3 is an end view of Fig. 2; and Fig. 4 is a section on line *xx*, Fig. 1.

Referring to the drawings, A is a rigid frame-like base made of any unyielding material, preferably steel, to withstand the pressure placed upon it and prevent it from being sprung out of true shape when locked in the form for printing. As shown in the drawings, said base is shown in the form of a rectangular solid block with its center cut out; but it will be understood, however, that it can be of any size or shape, and the four sides may be made separately and securely fas-

tened together. Said base is made a proper height to hold the printing-surface of the plate type high. B is the space for type-matter and may likewise be of any shape or size. In the sides and ends of the base or frame are a series of holes *a*, filled with lead or wood or any soft material adapted to receive and hold the nails or screws *a'* for securing the border to the base.

As shown in the drawings, the base A is provided with an elongated undercut slot or recess *b*, likewise adapted to be filled with lead or any soft material, so that zinc cuts or electrotpe-plates of varying form or design may be secured thereto. Said recess can be made of any size or shape.

In using the base the border *c* is applied and secured thereto by driving the nails *a'* through the border into the yielding material in the recesses in the base. The desired cuts or designs *d* are in the same manner secured in the recess *b* to the base. The type-matter is set and secured in the space B and the combined plate and type matter firmly fastened in the form for printing. Thus with this construction the cuts or designs can be readily detached and new ones attached without changing or disturbing the remainder of the advertisement or new type-matter can be inserted with very little labor and the whole advertisement be in a condition to fasten in the form for printing.

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

1. An inclosing frame-like base or support of unyielding material for zinc, electrotpe or similar plates having recesses filled with a yielding material.

2. An inclosing frame-like base or support of unyielding material for zinc, electrotpe or similar plates having holes filled with a yielding material and an elongated recess filled with a similar substance.

3. An inclosing frame-like base or support of unyielding material for zinc, electrotpe or similar plates having a series of holes and an elongated undercut recess filled with a yielding material.

4. A rigid frame-like base or support adapted to inclose type and having a series of holes and an elongated undercut recess filled with

a yielding material, and a border-plate and an independent cut or cuts detachably secured to said base by nails driven into said yielding material.

- 5 5. A rigid frame-like base or support adapted to inclose type and having a series of holes filled with a yielding material and a border-

plate detachably secured to said base by nails driven into said yielding material.

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Witnesses:

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