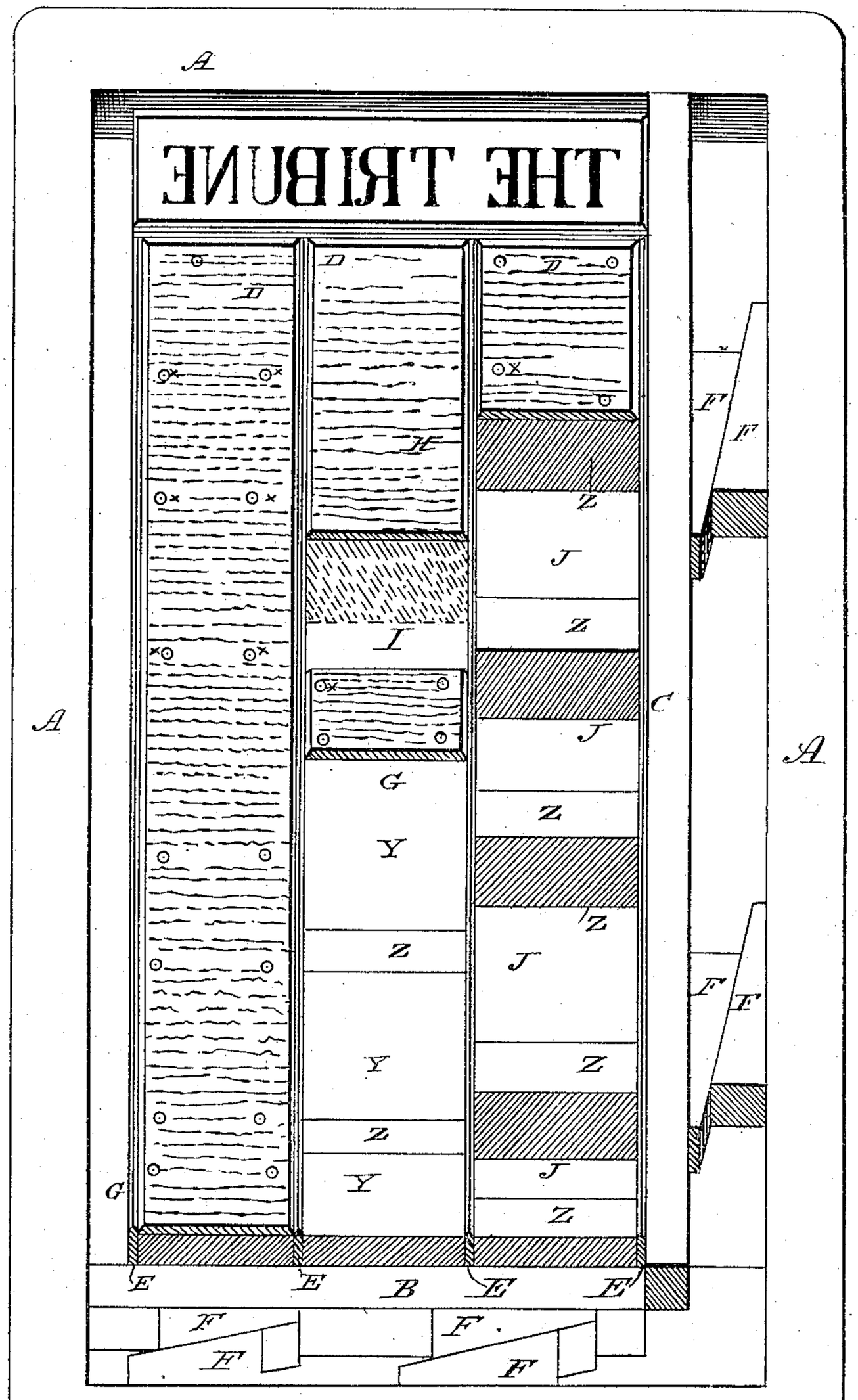
(No Model.)

F. K. TRACY.

PRINTER'S FORM.

No. 314,495. Patented Mar. 24, 1885.



WITNESSES:

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FREDERICK K. TRACY, OF CHICAGO, ILLINOIS.

PRINTER'S FORM.

SPECIFICATION forming part of Letters Patent No. 314,495, dated March 24, 1885.

Application filed February 18, 1884. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK K. TRACY, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Printers' Forms; and I do hereby declare the following to be a full, clear, and exact description of the invention.

My invention relates to improvements in printers' forms and the means for making them up, and has for its object to provide stereotype-plates with bases composed of sections which can be furnished in labor-saving lengths, and are adapted some to support the plates and others to secure them by receiving the nails or other securing devices. I seek to accomplish this object in the manner hereinafter described, and illustrated in the drawing hereunto attached, and wherein the figure represents a perspective view of a printer's form with the features of my invention in the various stages of their application.

A is the chase. B is the foot-stick. C is the side-stick. D D are the columns; E E, the column-rules; F F, the quoins; X X, brad-heads; Y Y and Z Z, blocks to form the base. G G are sections of the thin plates, and H is a portion of matter. I is an unfilled space in the middle column. J is an open space between the base-blocks Z.

The base-blocks can be made of any desired material—as wood or metal—and they should be made of varying lengths. They may be furnished in "labor-saving" lengths.

The fastening-blocks may be made of wood, to receive fastening-brads, or they may be made of metal and provided with screw-holes to receive screws to hold the plate. These blocks are made slightly wider than the plates, so that the latter can be easily let down into place when the form is made up.

The plates are cast in suitable sections with smooth backs, so as to lie smoothly on the bases. They are also provided at convenient distances with holes to receive the brads or other securing devices. The perforations might be made at regular intervals of, say, six inches, in which case the base-blocks would be arranged so as to bring a small one under each brad-hole, and thus the large blocks would be protected from injury. If this arrangement is preferred, the long blocks should be made of hard durable wood or metal and the short blocks of soft wood, slightly lower than the long blocks. The long blocks are described as "supporting-blocks" and the smaller blocks as "fastening-blocks." In many cases the blocks may, when arranged in place, be a considerable distance apart. This arrangement will facilitate making up the form; but care must be taken not to place the blocks too far apart, as in that case there would be danger of the plate breaking when in use.

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

1. In a printer's form, the combination of column-rules, a series of long and short blocks for the base in each column, and printing-plates placed between the rules and secured to the short blocks of the base.

2. In a printer's form, the combination of column-rules, a series of long supporting-blocks and short fastening-blocks somewhat lower than the supporting-blocks, and thin printing-plates placed between the rules and secured to the fastening-blocks.

3. In a printer's form, the combination of column-rules, a series of long metal supporting-blocks and short fastening-blocks in each column, and thin printing-plates placed between the rules and secured to the fastening-blocks.

4. In a printer's form, the combination of column-rules, a series of long supporting-blocks and short wooden fastening-blocks in each column, and thin printing-plates between the rules and secured to the fastening-blocks.

5. In a printer's form, the combination of column-rules, a series of long metal supporting-blocks and short wooden fastening-blocks in each column, and thin printing-plates between the rules and secured to the fastening-blocks.

6. In a printer's form, the combination of column-rules, a series of long metal supporting-blocks and short wooden fastening-blocks somewhat lower than the supporting-blocks in each column, and thin printing-plates placed between the rules and secured to the fastening-blocks.

FREDERICK K. TRACY.

Witnesses:
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