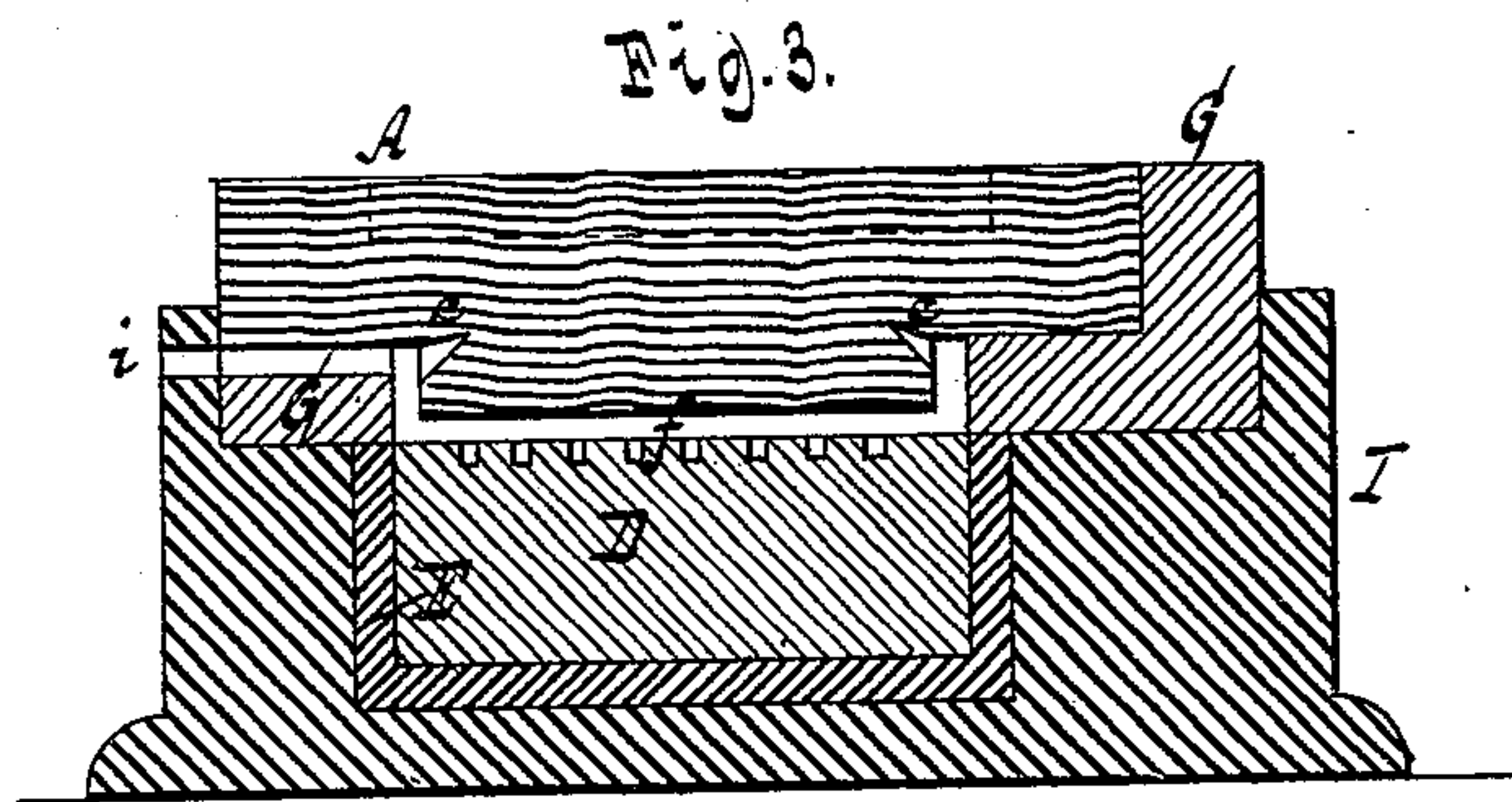
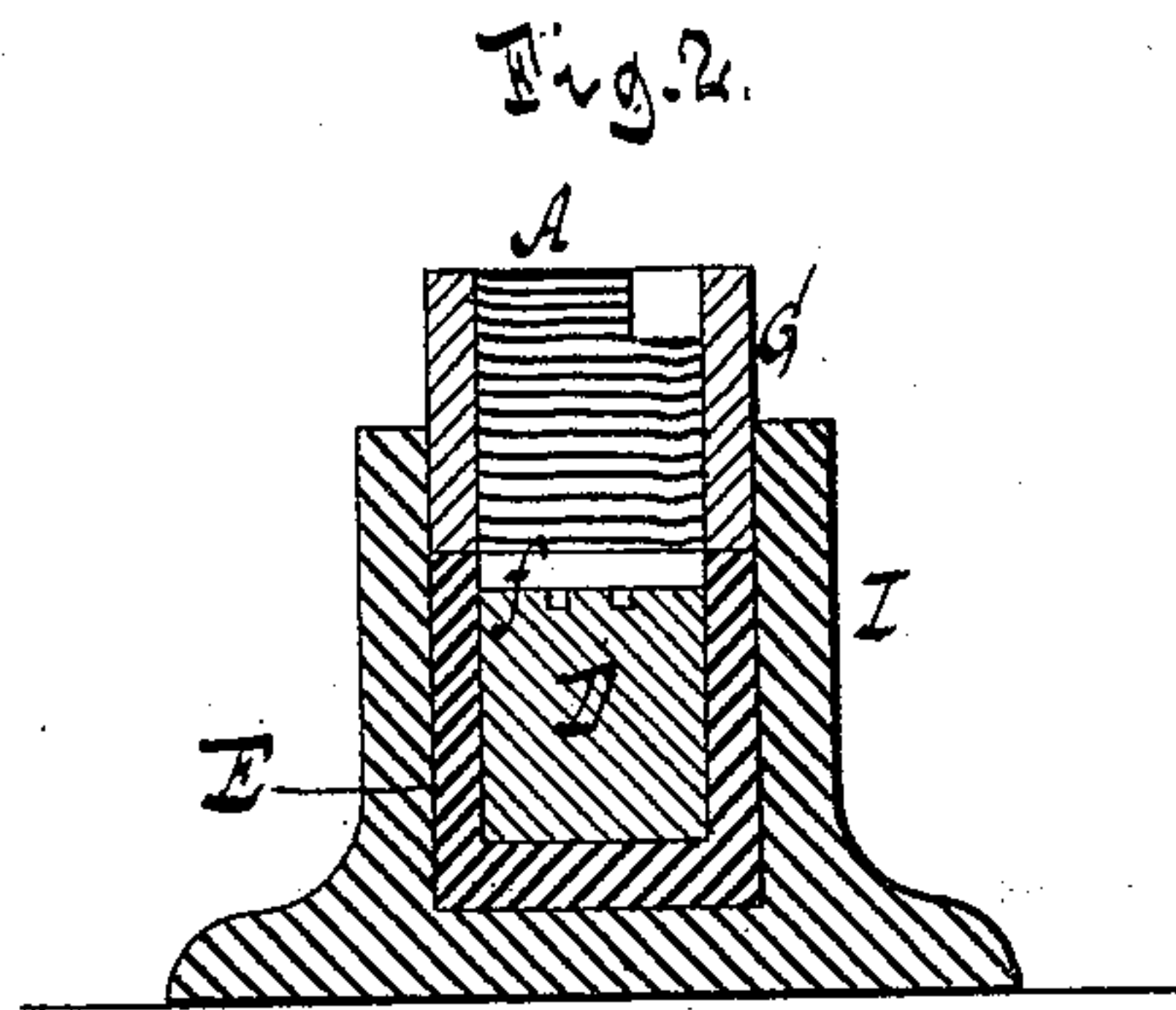
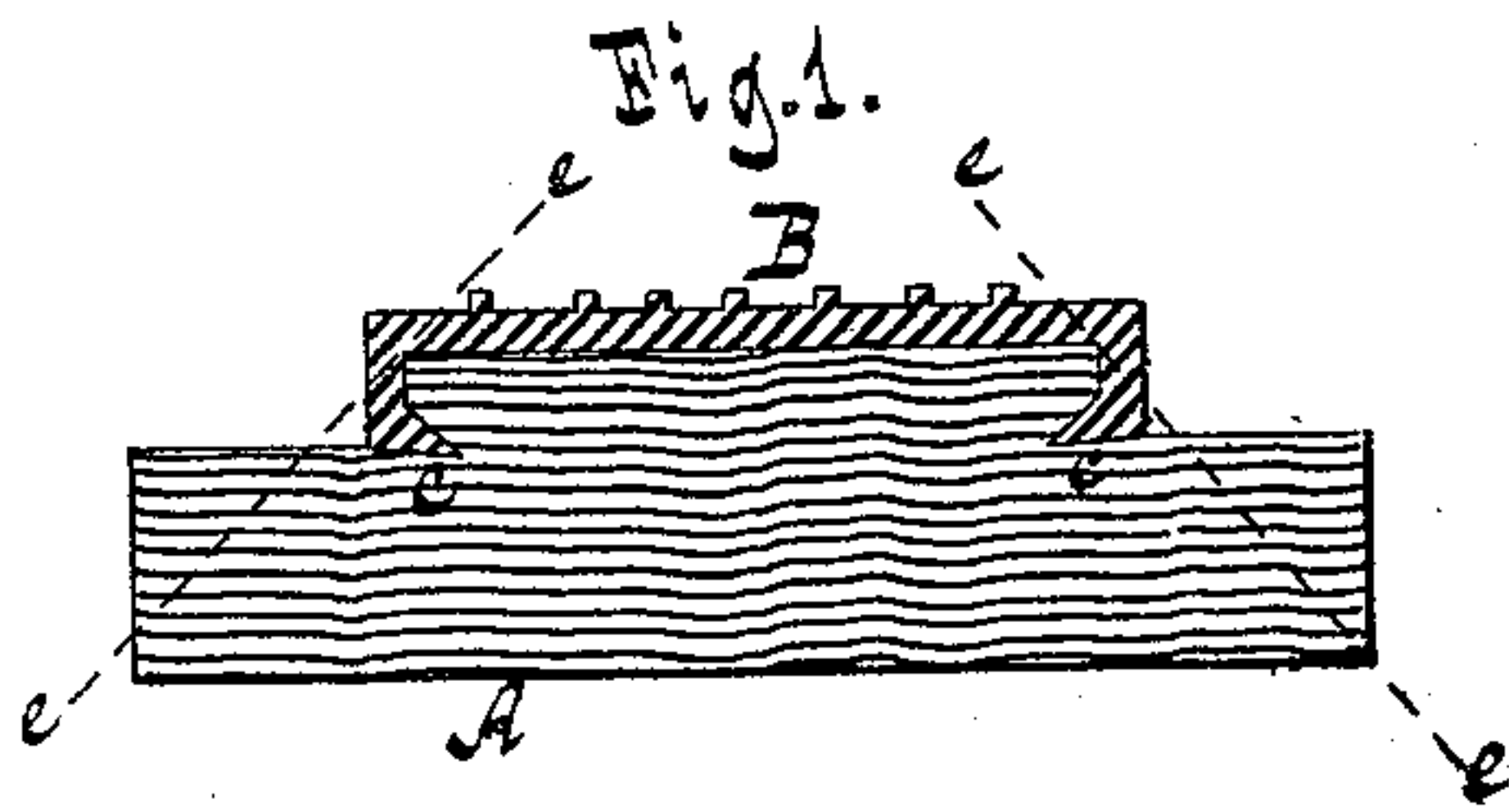


(No Model.)

G. E. JONES.
Stereotype Block.

No. 230,021.

Patented July 13, 1880.



Witnesses:

Otto Sufeland
William Miller.

Inventor:
Gilbert E. Jones.

by Van Santvoord & Hauff,
his attys

UNITED STATES PATENT OFFICE.

GILBERT E. JONES, OF NEW YORK, N. Y.

STEREOTYPE-BLOCK.

SPECIFICATION forming part of Letters Patent No. 230,021, dated July 13, 1880.

Application filed May 5, 1880. (No model.)

To all whom it may concern:

Be it known that I, GILBERT E. JONES, a citizen of the United States, residing at New York, in the county and State of New York, have invented new and useful Improvements in Stereotype-Blocks, of which the following is a specification.

My invention relates to a certain improvement in stereotype-blocks; and it consists in the combination, with a block having sockets in its opposite ends, of a stereotype-plate cast on such block, with the metal composing the plate overlapping the ends of the block and entering its sockets, so that while the plate is firmly retained on the block it can be removed therefrom by simply cutting or filing off the corners of the plate.

This invention is illustrated in the accompanying drawings, in which—

Figure 1 shows a blocked plate, in longitudinal section, embodying this invention. Fig. 2 is a vertical cross-section of the mold as it appears in the operation of blocking and casting the plate. Fig. 3 is a vertical longitudinal section of the same.

Similar letters indicate corresponding parts.

The letter A designates the block, and B the stereotype-plate cast thereon. The block A is usually cut out of wood, and in the opposite ends thereof are sockets *c c*, which are preferably made to taper in an inner direction, as clearly shown. The plate B is cast on the block A in such a manner that the metal composing the same overlaps the ends of the block and enters the sockets *c c*, as shown in Fig. 1.

It will be readily seen that the plate B is thus firmly retained on the block A, while when it is to be removed—as for the purpose of replacing the same by a new one—it is only necessary to cut or file off the two corners of the plate, as indicated by the lines *ee*, thereby separating the top from the ends of the plate and adapting each part or member for removal. What I have termed the “ends” of the block A are in this example the ends of

the upper part or face of the article, which face is shortened in order to adapt the whole to an addressing-machine; but my invention is not confined to blocks of that especial character.

In carrying out my invention I place in the bottom of a mold, I, Figs. 2 and 3, intaglio types D—namely, types with sunken faces representing the matter to be stereotyped—these types being preferably arranged in a box or form, E. I then place the block A in the upper part of the mold in such a manner as to leave a space, *f*, equal to the thickness of the plate B between it and the faces of the types, using for the purpose a frame, G. I now fill the space *f* with the proper metal, the latter being introduced through a hole made in one side of the frame G and the mold, as at *i*, Fig. 3, when the whole is ready for use. In this manner I block and cast the plate in one operation, and at the same time give to the plate the desired relief-face without using the cast or matrix now commonly used for this purpose. In other words, I cast directly from types, and it is obvious that by this means considerable time and labor are saved.

The process shown and described is not claimed herein, but will be made the subject-matter of a separate application for Letters Patent.

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

As a new manufacture, a stereotype-block in which the stereotype-plate covers the top and the opposite ends of the block, with the projecting edges of the plate secured in sockets cut in the ends of the faces of the block, substantially as specified.

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

GILBERT E. JONES. [L. S.]

Witnesses:

J. HERMANN WAHLERS,
E. F. KASTENHUBER.