T. MASON.

TYPE-MOLDS.

No. 187,880. Patented Feb. 27, 1877.

Fig. 1

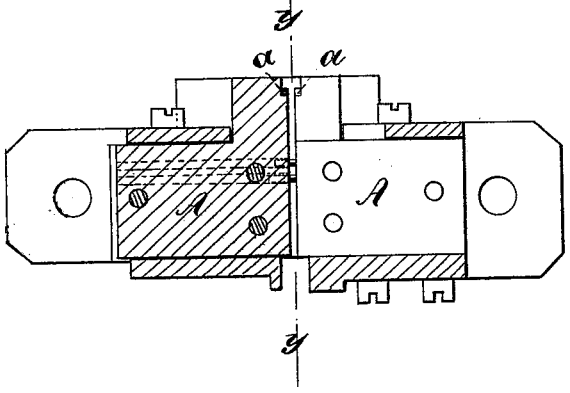


Fig. 2

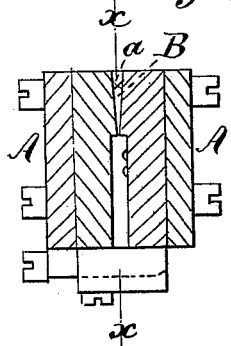
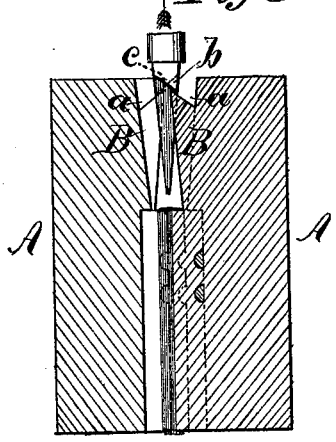


Fig. 3



WITNESSES:

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UNITED STATES PATENT OFFICE.

THOMAS MASON, OF NEW YORK, N. Y., ASSIGNOR TO DAVID WOLFE BRUCE, OF SAME PLACE.

IMPROVEMENT IN TYPE-MOLDS.

Specification forming part of Letters Patent No. **187,880**, dated February 27, 1877; application filed February 2, 1877.

To all whom it may concern:

Be it known that I, THOMAS MASON, of the city, county, and State of New York, have invented a new and Improved Type-Casting Mold, of which the following is a specification:

Figure 1 is a side elevation, in section, on line *x x* in Fig. 2. Fig. 2 is a transverse section on line *y y* in Fig. 1. Fig. 3 is an enlarged transverse section, showing the operation of the invention.

Similar letters of reference indicate corresponding parts.

My invention relates to improvements in the formation of the parts of a type-mold variously called "jets," "breaks," or "slips," whereby a great saving of time and labor is effected, inasmuch as by my invention I am enabled to dispense with that branch of the type-founding trade technically known as the "breaking off."

Referring to the drawing, A A are parts of a mold of ordinary construction, provided with the usual breaks B, between which the metal is injected into the mold. In these breaks angular or V-shaped recesses *a* are formed, which, when the mold is closed together, are oppositely arranged in respect to each other, so that when metal is injected into the mold angular shoulders *b*, corresponding in form to the recesses *a*, are formed on each side of the break *c* of the type, so that as the mold is opened with the type or casting in it, the contrary action of the oppositely-arranged inclined sides of the recesses *a* produces sufficient strain to sever the break from the type which is retained by the shoulders of the mold.

The recesses in the breaks of the mold may be arc-shaped, or may have any other form which will effect the severing of the break.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A type-mold provided with one or more oppositely-disposed angular projections or shoulders within its breaks for severing the jet from the type, as described.

THOMAS MASON.

Witnesses:

C. SEDGWICK,

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