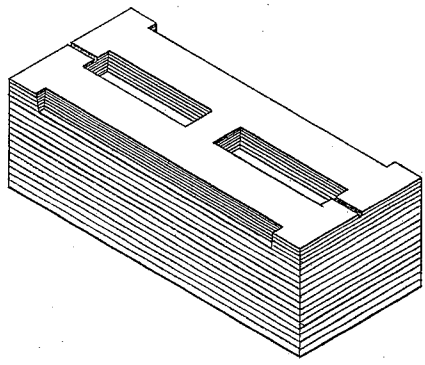
(No Model.)

E. D. LARAWAY & E. BRIDGE.

MANUFACTURE OF PRINTING BLOCKS OR TYPES.

No. 355,327. Patented Jan. 4, 1887.



Witnesses.
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UNITED STATES PATENT OFFICE.

ELBERT DEMUN LARAWAY, OF HARTFORD, AND EPHRAIM BRIDGE, OF HAZARDVILLE, CONNECTICUT, ASSIGNORS, BY MESNE ASSIGNMENTS, TO THEMSELVES AND GEORGE W. LARAWAY, OF BOSTON, MASSACHUSETTS.

MANUFACTURE OF PRINTING BLOCKS OR TYPES.

SPECIFICATION forming part of Letters Patent No. 355,327, dated January 4, 1887.

Application filed March 29, 1886. Serial No. 196,920. (No model.)

To all whom it may concern:

Be it known that we, ELBERT DEMUN LARAWAY, of the city of Hartford, and EPHRAIM BRIDGE, of the town of Hazardville, in the county of Hartford, of the State of Connecticut, have invented a new and useful Improvement in the Manufacture of Printing Blocks or Types, &c.; and we do hereby declare the same to be described in the following specification, the accompanying drawing being a perspective view of one of our improved printing-types.

In carrying out our invention we take a block of wood of proper size—as maple, for instance—in a dry state, and immerse it in paraffine or other suitable oil, such as on drying will render the wood water-proof, allowing it to remain in the water-proof material long enough for the latter to penetrate it (the block) to some distance beyond its exposed surfaces, or entirely through it, as may be required. Next, we place the block permeated with the waterproofing oil or material in a mold of requisite form, and there subject it to pressure and heat sufficient to cause it to be molded to the proper shape. After having been so molded, and while held firmly in the mold, we thoroughly cool the article, in order to dry it and prevent it from changing its form or from cracking. The type or article so made when in use will not absorb water, but will resist it, and can be thoroughly and easily cleansed.

We claim—

The process substantially as described of manufacturing from wood a printing type or block, the same consisting in immersing the blank or block of wood in a dry state in a quantity of oil or material such as on drying will render the wood water-proof, and next subjecting the block impregnated with the said material to heat and pressure in a mold, to condense it and reduce it to the required form, and afterward cooling it and drying it while within the mold, in order to prevent it from subsequently cracking or changing its form.

ELBERT DEMUN LARAWAY.
EPHRAIM BRIDGE.

Witnesses:
A. R. HILLYER,
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