

N. DU BRUL.
Cigar-Molds.

No. 142,683.

Patented September 9, 1873.

Fig. 1.

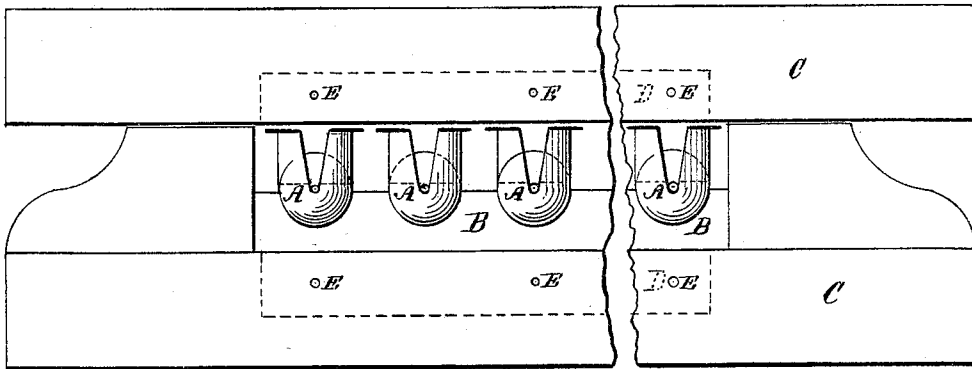
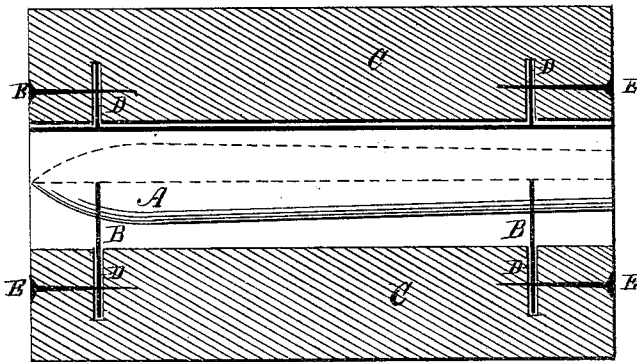


Fig. 2.



Witnesses.

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UNITED STATES PATENT OFFICE.

NAPOLEON DU BRUL, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN CIGAR-MOLDS.

Specification forming part of Letters Patent No. **142,683**, dated September 9, 1873; application filed October 22, 1872.

To all whom it may concern:

Be it known that I, NAPOLEON DU BRUL, of Chicago, in the county of Cook and State of Illinois, have invented certain Improvements in Cigar-Molds, of which the following is a specification:

This invention relates to that class of cigar-molds which are made with sheet-metal matrices secured to a wooden backing; and the invention consists in the novel method or means of securing the matrices in parallel rows to the wooden backing. The matrices are secured to two or more strips of sheet metal by soldering or otherwise, so as to occupy their proper relative position, viz., to stand in a row equidistant and parallel. The metal strips project from the back of the matrices a distance of half an inch, more or less, and afford a means of securing them to a wooden backing, as follows: The wooden backing is cut with a longitudinal slit for each of the metal securing-strips. These slits are made of a uniform depth, not extending through the backing, and are best produced by passing the backing over a circular saw gaged to cut exactly the required depth. These slits are near the edge of the backing, and when the metal strips are set down in them the whole is secured together very simply by driving a few small nails through the backing and strip from the side.

In the accompanying drawings, which form a part of this specification, Figure 1 represents a side elevation of a mold embodying this invention, and Fig. 2 is a cross-section thereof at the line *x x* of Fig. 1.

Like letters of reference made use of in the several figures denote like parts.

A A are the matrices; B B, the metal strips, formed with a series of saddles to conform to the matrices and secured thereto. C C are

the wooden backings, cut with the longitudinal slits or saw-kerfs D to receive the strips B. The parts being assembled, as shown, the matrices are secured firmly to the backing by driving the nails E from the sides through the backing and the buried metal strips.

It is obvious that in part the same result would be accomplished by making the backing C in three pieces—that is to say, by making them the same as though the slits D were cut entirely through, and securing the whole together by the nails; but I prefer to make the slits as shown, because thus made the bottom of the slit or kerf affords a guide or gage to adjust the matrices to the proper height above the backing.

By this invention I am enabled to greatly cheapen and facilitate the construction and manufacture of the mold, and make a better, stronger, and more evenly-adjusted mold than heretofore; and, moreover, by this construction, the sides of the backing are brought out even with the ends of the matrices at each side, protecting them, and at the same time offering a more stable support by this greater breadth when the molds are piled one upon another in the press.

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

The fastening for the matrices of sheet-metal cigar-molds to wooden backings, substantially as above described, consisting of the metal strips B inserted in the longitudinal slits D in the backing, and secured thereto by nails E, or equivalents, substantially as specified.

NAPOLEON DU BRUL.

Witnesses:

JOHN W. MUNDAY,
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