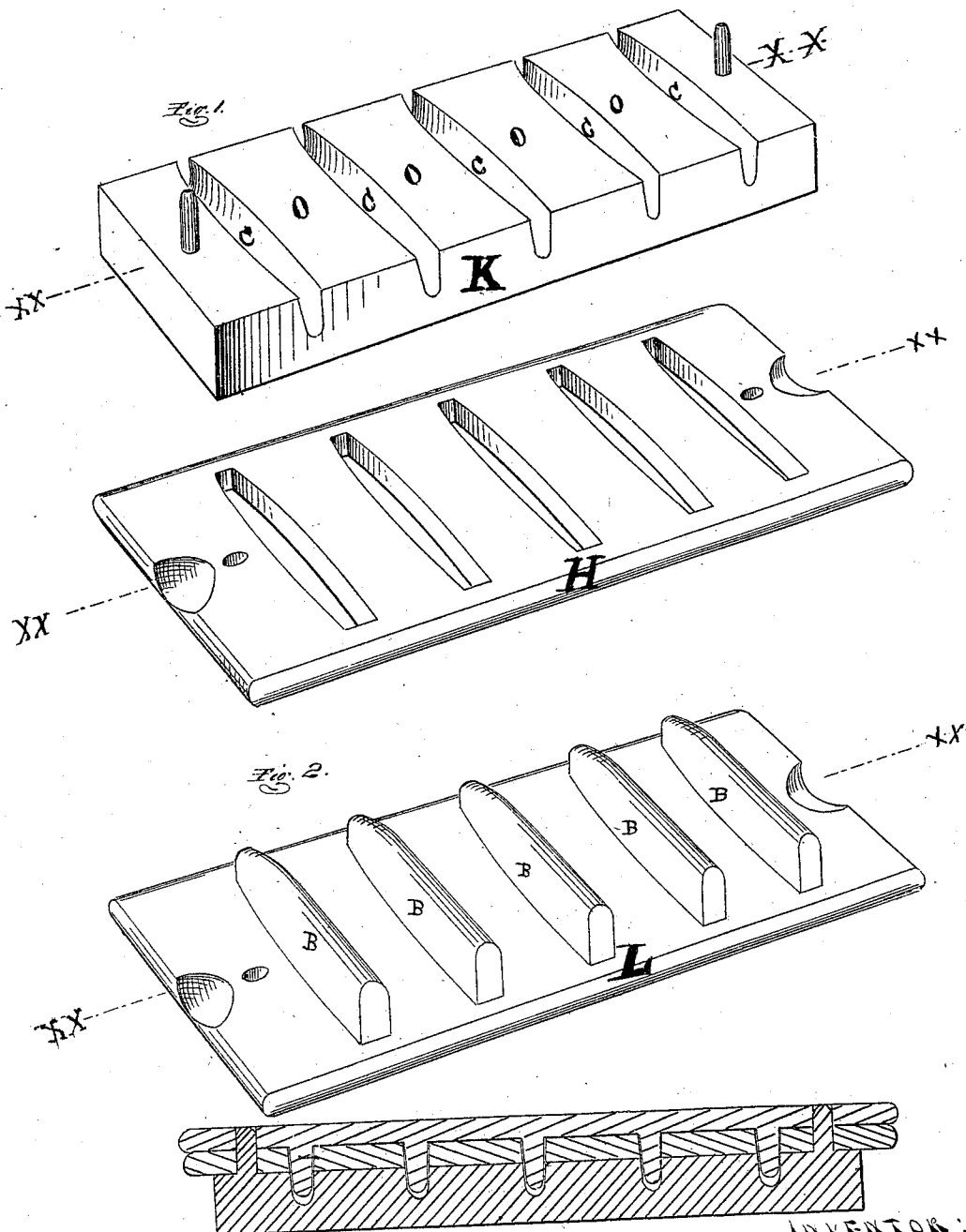


C. M. MANN.

Improvement in Forming Bunches for Mold Cigars.

No. 131,362.

Patented Sep. 17, 1872.



ATTEST:

C. Zeuner
Peter Guenther

Fig. 3.

INVENTOR:

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UNITED STATES PATENT OFFICE.

CHESTER M. MANN, OF DETROIT, MICHIGAN.

IMPROVEMENT IN FORMING BUNCHES FOR MOLD-CIGARS.

Specification forming part of Letters Patent No. 131,362, dated September 17, 1872.

To all whom it may concern:

Be it known that I, CHESTER M. MANN, of Detroit, in the county of Wayne and State of Michigan, have invented a new and Improved Mode of Forming Bunches for Mold-Cigars; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing and the letters of reference marked thereon.

The nature of my invention consists in the novel and useful combination and arrangement of devices hereinafter described and claimed.

Figure 1 is a perspective view of a bunch or cigar mold, or that part thereof that holds the bunch for a mold-cigar. Fig. 2 is a perspective view of the two devices or parts forming the combination with Fig. 1. Fig. 3 is a view of a section on the lines X X in Figs. 1 and 2.

In the drawing the same letters indicate like parts in each of the figures.

K is a view of a part of a bunch or cigar mold, as commonly constructed and generally used for holding the bunches for mold-cigars, with the exception of the spaces or tables marked O between the openings or cigar-forms marked C in Fig. 1. These spaces or tables should be left of sufficient width to allow binders of leaf-tobacco to be drawn into the openings marked C, as hereinafter described. The construction of the mold K may be as shown, or may be varied to suit the convenience of parties using it, preserving always, as necessary in its construction, the tables or spaces marked O between the openings or cigar-forms marked C in Fig. 1. H, in Fig. 2, is a portable cover, perforated with cigar-shaped holes or openings of the same number, size, and shape of the openings marked C in Fig. 1, and is made to fit upon the top of the mold K in like manner as does the top of ordinary cigar-molds for pressing bunches for cigars, and so as to be easily put on or removed at pleasure. L, in Fig. 2, is a top piece of similar size and shape to the cover H, and which carries projections marked B upon one side, which projections are of the same shape, number, and size of the holes in the cover H, and made also to fit the openings or cigar-forms in the mold K. These projections B

upon the top piece L should be nicely fitted, so as to enable them to easily pass through the holes or openings in the cover H, and down into the openings or cigar-forms in the mold K, and as easily to be removed therefrom. I contemplate also that the size and number of the projections marked B and the openings above mentioned may be varied to correspond with the number and size of bunches desired to be made at once.

The parts of this combination being thus formed, leaf-tobacco, of a size large enough to answer for a binder for a mold-cigar, is placed over each opening or cigar-form in the mold K. The binders may lap over each other in each direction from the openings, and upon the tables or spaces marked O, and to the entire width of the space between the openings marked C. The cover H, as shown in Fig. 2, is placed over the tobacco upon the mold K. The top piece L, as shown in Fig. 2, carrying the projections marked B, is then placed over the cover H, which, (cover H) when being slightly raised, the projections B are pressed through the holes or openings in the cover H and down into the openings or cigar-forms in the mold K, perfectly fitting the leaf-tobacco to the form of the openings marked C in the mold K. The top piece L, carrying the projections B, being then removed from the top of the mold K, and the cover H remaining on the face of the mold K, holds the binders perfectly in position to receive fillers. The openings or cigar-forms being thus supplied with binders to any given number required to be made at once may be rapidly filled with scrap, broken leaf, or cut tobacco, and being pressed down into the openings by again using the projections upon the top piece L. The cover H and the top piece L being then removed together from the mold K leaves the bunches with a uniform and measured quantity of tobacco in each and the whole number ready to be lifted out of the mold K, and the edges of the binders folded or rolled together and placed into any bunch or cigar mold now in common use for pressing bunches for mold-cigars; or, if thought best, they may be folded down, turned, and pressed in the same forms in which the cover H and top piece L leave them. In any case, when the edges of the

binders are folded together, the fold should be placed against the side of the mold or form holding them.

It is proper to state as a fact, from actual experiment, that the most inexperienced and cheap help can perform all this labor with great ease and perfect satisfaction, and that when the binders of leaf-tobacco are laid upon the face of the openings or cigar-forms, as described, which can be so cheaply and rapidly done, hardly any more time need be consumed in forming one hundred bunches than in forming one bunch, and the expense, of course, greatly reduced.

Having described my improvement, I do not claim a bunch or cigar mold; but

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

The cover H and top piece L, as shown and described, in combination with the tables or spaces marked O, or their equivalents, all working together with a bunch or cigar mold, for the purpose mentioned.

CHESTER M. MANN.

Witnesses:

FRANK MANN,
WM. BIGGINS.