

A. MILLER & C. WORLEY.
FINISHING TOBACCO PLUGS.

No. 185,119.

Patented Dec. 5, 1876.

FIG. 1.

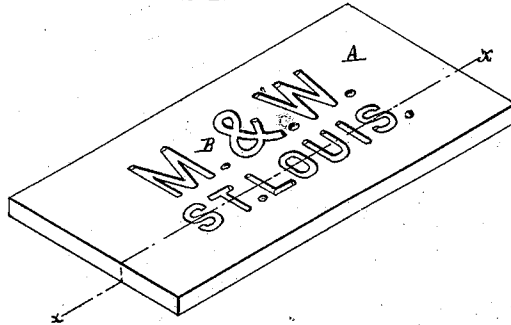


FIG. 2.

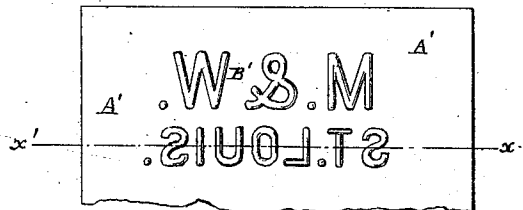


FIG. 3.

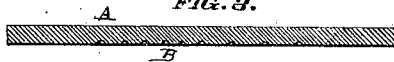
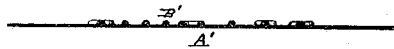


FIG. 4.



ATTEST:

Robert Burns.
Le Blond Burdett

INVENTORS:

Anton Miller
Christian Worley.
per *[Signature]*
attys.

UNITED STATES PATENT OFFICE.

ANTON MILLER AND CHRISTIAN WORLEY, OF ST. LOUIS, MISSOURI.

IMPROVEMENT IN FINISHING TOBACCO-PLUGS.

Specification forming part of Letters Patent No. **185,119**, dated December 5, 1876; application filed September 23, 1876.

To all whom it may concern:

Be it known that we, ANTON MILLER and CHRISTIAN WORLEY, both of the city and county of St. Louis, and State of Missouri, have invented a certain new and useful Method of Marking Tobacco-Plugs, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification.

Our improvement consists in pressing into the broadside of the plug (during the process of manufacture, preferably) letters or other signs, so as to be ineffaceable.

The main purpose is to prevent false marking of plug-tobacco after it leaves the hands of the manufacturer.

In the drawings, Figure 1 is a perspective view of the plug of tobacco, showing the impression of the letters in the broadside thereof. Fig. 2 is a face view of part of a compress-plate, showing the letters in relief. Fig. 3 is a section through the plug at *xx*, Fig. 1, with the impression at bottom. Fig. 4 is a section at *x'x'*, Fig. 2.

A is a plug of tobacco, and at B are shown letters impressed in the broadside of the plug. A' is the compress-plate, having at B' letters in relief, by which the impression at B is formed, the plugs, in finishing, being packed with alternating plates in the finisher, so that they take their permanent set with the impression in them, so that said impression is ineffaceable.

In carrying out our invention, we have used the process of finishing tobacco as described in Patent No. 181,512, issued to Worley and McCabe, on the application of Christian Worley, and dated August 22, 1876.

Our preferred manner of forming the letters on the plates A' is by stamping them therein and then making the letters solid by filling in the concave side of the letters with melted metal, such as solder, so that said letters will withstand the extreme pressure to which they are subjected in the finishing-box.

We do not confine ourselves to the above-described method of making the compress-plate A', for any plate having letters in relief upon it, formed to be easily withdrawn from the impression, would answer the purpose. For instance, a plate with the letters cast upon it, or a plane plate with the letters made separately and afterward fixed on the face of the plate.

This system of marking may be used in conjunction with the ordinary finishing process by having the letters in relief on pressure-plates used in the last pressing.

We do not, of course, confine ourselves to any particular form of words or letters in the impression B, as the method may be used in the application of any trade-mark, or other sign or word desired.

We claim as our invention—

The mode of simultaneously stamping and finishing tobacco, consisting of tightly compressing the plugs between plates having letters in relief in alternating series, substantially in the manner described.

ANTON MILLER.
CHRISTIAN WORLEY.

Witnesses:

SAML. KNIGHT,
WM. REGAN.

450 words.