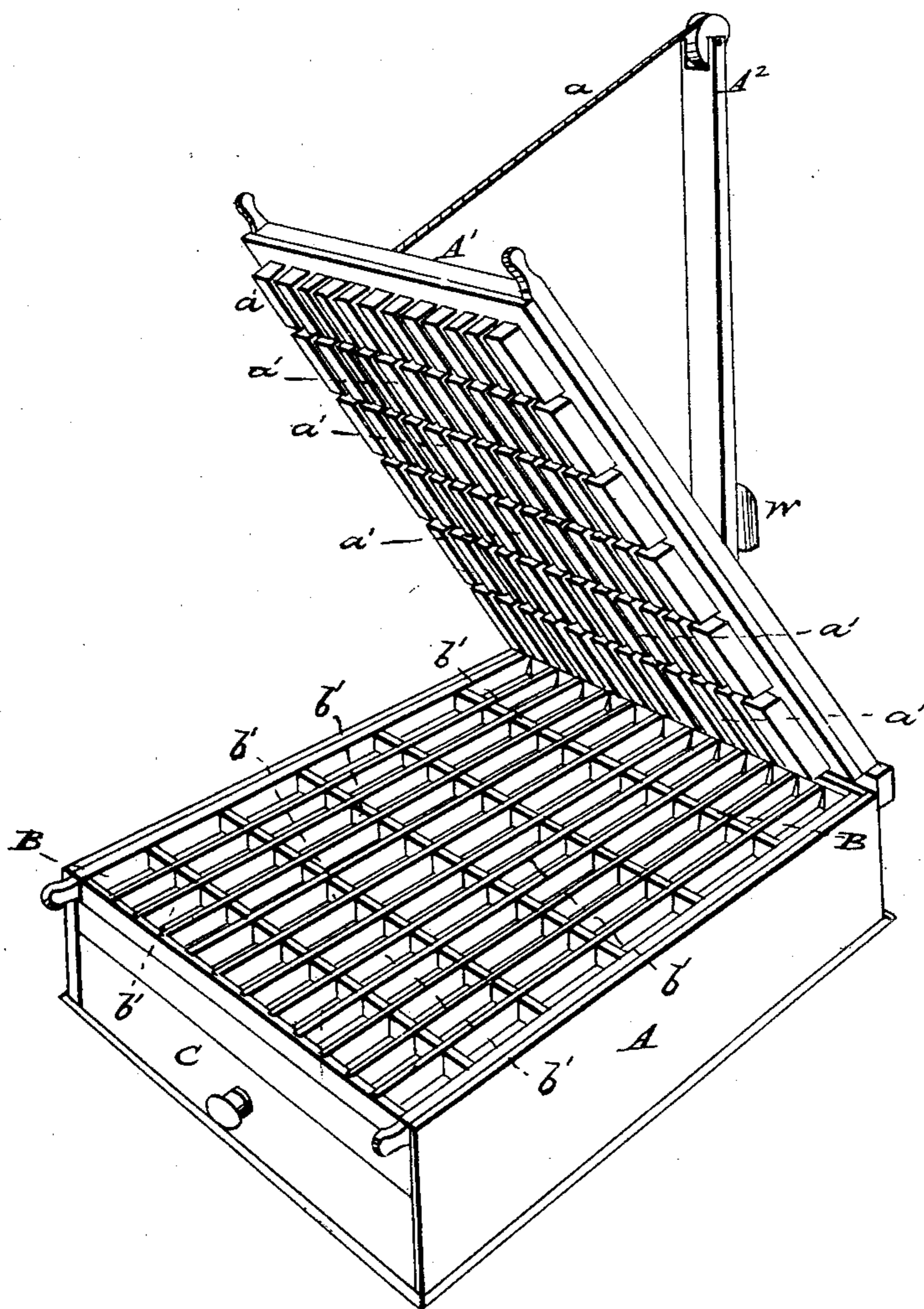


G. NEUDECKER.  
Making Plug Tobacco.

No. 62,358.

Patented Feb. 26, 1867.



Witnesses:

*S. M. Randolph*

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*By his Atty*

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# United States Patent Office.

GABRIEL NEUDECKER, OF ST. LOUIS, MISSOURI.

*Letters Patent No. 62,358, dated February 26, 1867.*

## IMPROVEMENT IN REMOVING TOBACCO PLUGS FROM MOULDS.

The Schedule referred to in these Letters Patent and making part of the same.

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, GABRIEL NEUDECKER, of the city and county of St. Louis, and State of Missouri, have invented a new and useful Improvement in Apparatus for Removing Plug Tobacco from Moulds; and I do hereby declare that the following is a full and clear description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of this invention consists in fitting the moulds into which the plug tobacco is pressed into a kind of box, the cover of which is studded with a series of plungers that fit easily into the cells of the moulds when the cover is thrown down upon its bearing on the box, and the plugs of tobacco are thereby thrown out of the moulds very quickly and easily without any of them being spoiled. The present mode of removing the plugs from the moulds is to take a small wooden set, and, placing it successively upon each of the plugs, strike it with a hammer. This operation is a slow and tedious one, and many of the plugs are broken and spoiled by the operation, and a severe loss is thereby entailed upon the manufacturer.

To enable those skilled in the art to make and use my improved apparatus, I will proceed to describe its construction and operation.

The accompanying drawings represent one of the improved apparatus, consisting of the following parts, to wit: the box, the mould, the cover that is studded with plungers, and a drawer into which the discharged plugs are dropped.

A is a box, into the top of which the mould B is fitted to slide easily on ways fitted to the sides of the box. The mould B is subdivided by means of the partition walls *b* into small cells, *b'*, of the proper size to form a plug in each separate cell. There should be several of these moulds to each box, so that while one mould or set of moulds is in the press others may be in the box being unloaded. The cover *A'* is hinged to one side of the box A, and a cord, *a*, attached to the front end of this cover, will pass thence up over a sheave in the top end of the post or frame *A''*, and thence down to a weight, W, on its lower end. This weighted cord will assist the operator in raising the cover *A'*, and also hold the said cover up while the moulds B are being changed. The bottom side of the cover *A'* is studded with plungers, *a'*, which are arranged to fit easily into the cells *b'*. A drawer, C, is fitted into the bottom part of the box, and into this receptacle the plugs will fall when driven out of the moulds. Several of these drawers may be provided for each box; so that while one is receiving its load another may be unloading. When the mould B is placed in the box preparatory to being unloaded, the cover *A'* will be thrown up and the drawer C in its place in the box. The cover *A'* will then be drawn down upon the box, and in the operation the plungers *a'* will strike the plugs, first, equally at one end, and then gently force them out into the drawer below without breaking one of them.

Having described my invention, what I claim, is—

1. The cover *A'*, when armed with the plungers *a'*, which are so fitted and arranged that they may be employed for the purpose of simultaneously forcing the plugs of tobacco from the moulds B.

2. I claim the combination and arrangement of the box A, the mould B, and the cover *A'*, substantially as described and set forth.

GABRIEL NEUDECKER.

Witnesses

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