

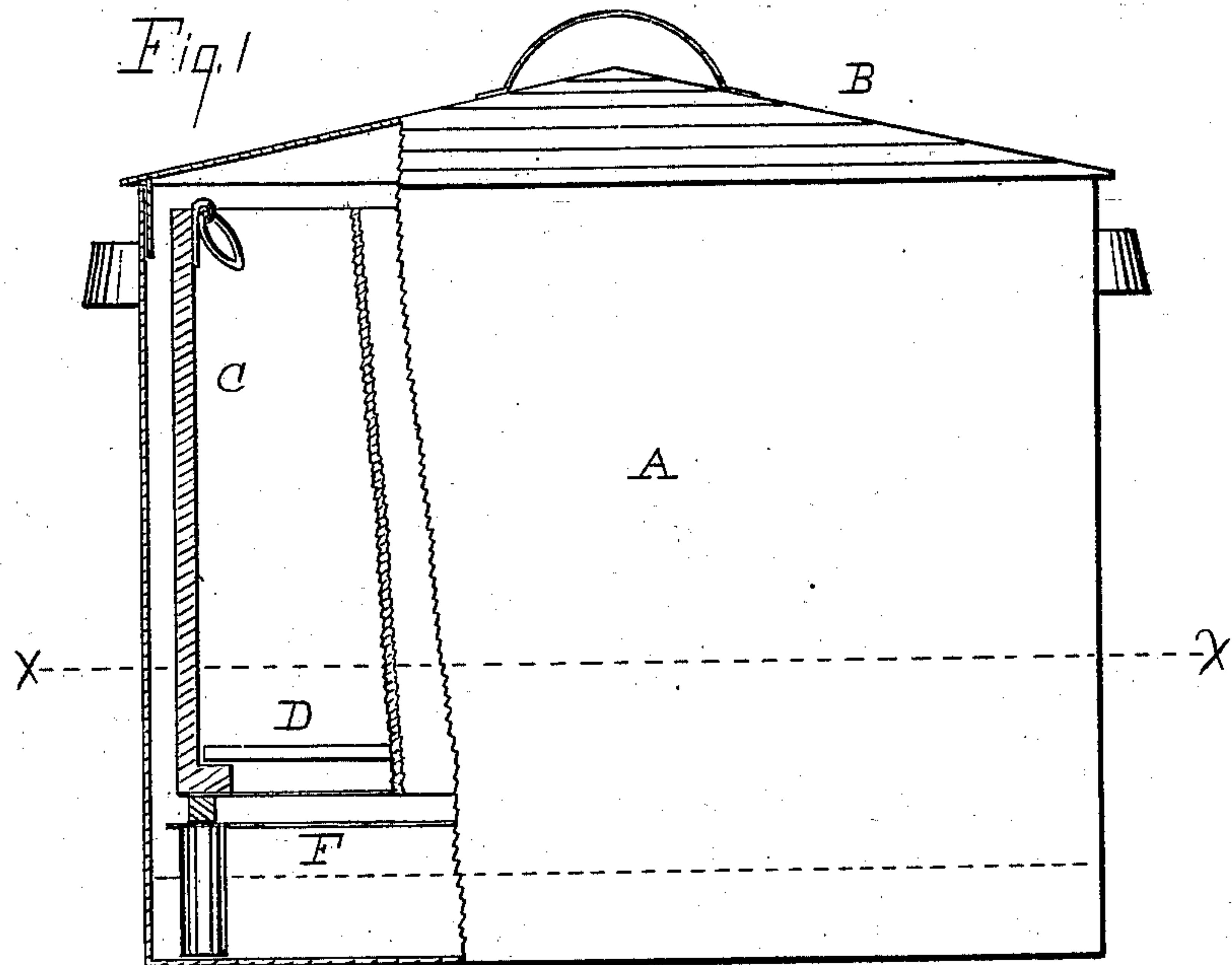
(No Model.)

W. NOHR.

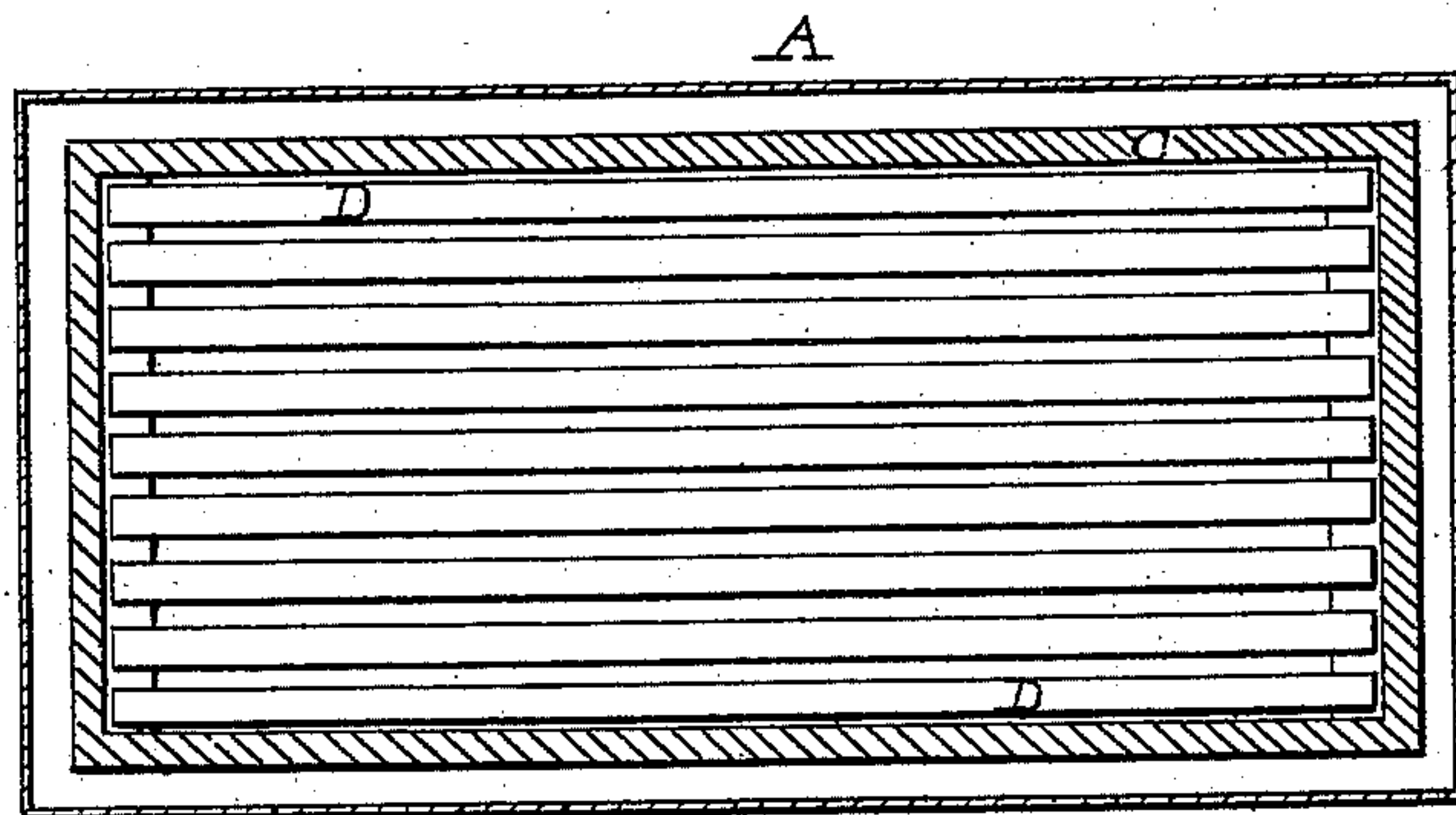
TOBACCO STEAMING BOX.

No. 268,121.

Patented Nov. 28, 1882.



*Fig. 11*



WITNESSES:

*John Drautmann*  
*Leopold Leibold*

INVENTOR

*William Nohr*  
BY *B. Pickering*  
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# UNITED STATES PATENT OFFICE.

WILLIAM NOHR, OF DAYTON, OHIO, ASSIGNOR OF ONE-HALF TO PETER LENZ, OF SAME PLACE.

## TOBACCO-STEAMING BOX.

SPECIFICATION forming part of Letters Patent No. 268,121, dated November 28, 1882.

Application filed August 18, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM NOHR, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented a new and useful Improvement in Tobacco-Steaming Boxes, of which the following is a specification.

My invention relates to certain improvements in tobacco-steaming boxes, by which the requisite coloring of the tobacco is effected without unduly moistening the same, the object being accomplished by preventing the water of condensation from falling on the tobacco subjected to the treatment. I attain the object by the mechanism illustrated in the accompanying drawings, in which—

Figure I is a side view of the steaming-box, with portions cut away to exhibit the interior. Fig. II is a horizontal section of the same on the line *x*.

A represents a quadrangular vessel, made of either tin or galvanized iron, and is closed by the lid B, whose rim enters the sides of the box in the usual manner, and the only peculiarity of which is that it is higher than usual, with the several sides terminating in a direct line at the vertex.

A perforated metallic plate, F, is put into the box, and is supported on cylindrical legs. The use of this plate is to hold the tobacco-stems, which are placed within the vessel beneath the water, that by boiling they may be deprived of their extractive properties; and that the same may be partially transferred by the steam to the tobacco subjected to the treatment. On this plate is supported a wooden box, C, having a metallic bottom, on which is tacked slats at each end, to provide a space between the said box and plate. On ledges at the bottom of the wooden box are laid a series of slats, upon which the tobacco is placed. There is considerable space on all sides between the interior and the exterior vessel.

The operation of curing or coloring the to-

bacco is thus: Into the empty vessel are placed tobacco-stems, and over which are poured water until the vessel is filled to the height of the lower dotted line. The hanks of tobacco, after having been properly moistened, are placed snugly in the wooden box, and afterward set into the box and the lid closed, after which the vessel is set on a stove or over a suitable gas or oil burner, and the steaming process is continued until the proper coloring of the tobacco is effected. The tobacco becomes sufficiently heated and not unduly moistened, because as the steam condenses on the inclining surface of the lid it glides down to the rim and descends between the two boxes, and does not fall upon the contents. Tobacco thus treated may be worked without subjecting it to the tedious process of drying in the sun. Any excess of moisture in the wooden box falls through the slats, where it remains, or, if evaporated, finally descends into the external vessel.

The length of time occupied by the process, which may continue from one to three hours, depends upon the degree of coloring it may be desirable to give the tobacco, the longer the process is continued the darker the shade.

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

The boiler A, the open-top wooden box C, centrally arranged within said boiler, the same having a metallic bottom with slats resting on ledges on the sides of the same and on the bottom of which are fastened slats to support the same, the perforate plate F, which is supported on legs to provide a water-space beneath the same, the whole combined and operated substantially as and for the purpose specified.

WILLIAM NOHR.

Witnesses:

B. PICKERING.

SUMNER T. SMITH.