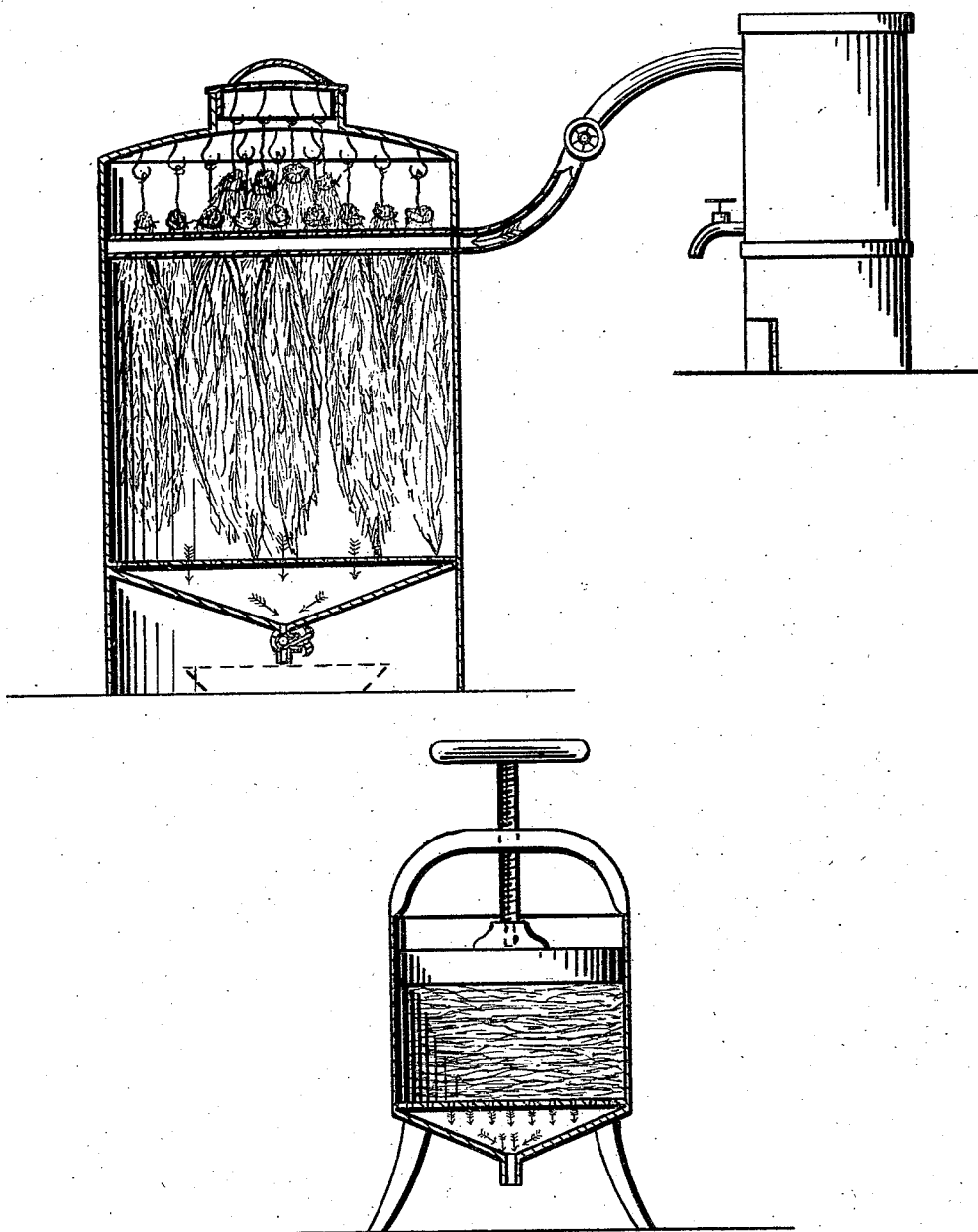


C. A. PILINSKY.
TOBACCO MANUFACTURE.

No. 185,046.

Patented Dec. 5, 1876.



Witnesses:
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UNITED STATES PATENT OFFICE.

CONSTANTINE A. PILINSKY, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN TOBACCO MANUFACTURE.

Specification forming part of Letters Patent No. **185,046**, dated December 5, 1876; application filed August 23, 1876.

To all whom it may concern:

Be it known that I, CONSTANTINE A. PILINSKY, of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and useful Improvement in Treating Leaf-Tobacco for Smoking Purposes; and I do hereby declare the following to be a clear and exact description of the nature thereof, sufficient to enable others skilled in the art to which my invention appertains to fully understand, make, and use the same.

My invention relates to a method of preparing leaf-tobacco for the manufacture of cigars, and for smoking purposes generally; and it consists in subjecting the leaves to the successive actions of steaming and pressing, whereby the tobacco will be divested of its pungency and injurious qualities, without, however, being deprived of its delicate and enjoyable flavor.

In carrying out my invention I proceed as follows: I employ a boiler of any desired form and construction, and a steam-pipe leading to a closed steaming-chamber having a dishing or conical bottom, and provided with a perforated plate or diaphragm above the bottom. The leaves of tobacco will be suspended within the steaming-chamber and steam admitted into the latter. The leaves will be subjected to the action of the steam for about two and one-half or three hours, so as to be thoroughly saturated with the water from the steam, whereby the tobacco will be softened and its pores opened. The condensed steam and drip from the tobacco falls to the bottom of the chamber, where, by means of a

stop-cock, it may be discharged or collected. The leaves, as treated, are removed from the steam-chamber and placed in a press, the most suitable form of which is a chamber with a conical bottom, a perforated plate or diaphragm above the bottom, a plunger, and pressure-screw. The screw will be operated and the leaves subjected to pressure for about one half-hour, whereby the existing gum of the tobacco previously solved by steam will be expressed, and it will flow through the diaphragm of the press to the bottom of the press, where, by means of a stop-cock, it may be discharged or collected. The tobacco will then be removed from the press, and it is in condition for being worked into cigars, cigarettes, or what is known as "smoking tobacco."

It will be found that the expressed gum is black in color, and of a pungency offensive to taste and smell; consequently the tobacco divested of such objectionable constituents may be smoked without injury, and enjoyed, as its delicate flavor is preserved, and it has sufficient strength without rankness.

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

The improvement in treating leaf-tobacco for smoking purposes, the same consisting in subjecting the leaves to the successive actions of steaming and pressing, substantially as and for the purpose set forth.

C. A. PILINSKY.

Witnesses:

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