

(No Model.)

C. C. KASEY.

MACHINE FOR TREATING TOBACCO LEAVES.

No. 373,460.

Patented Nov. 22, 1887.

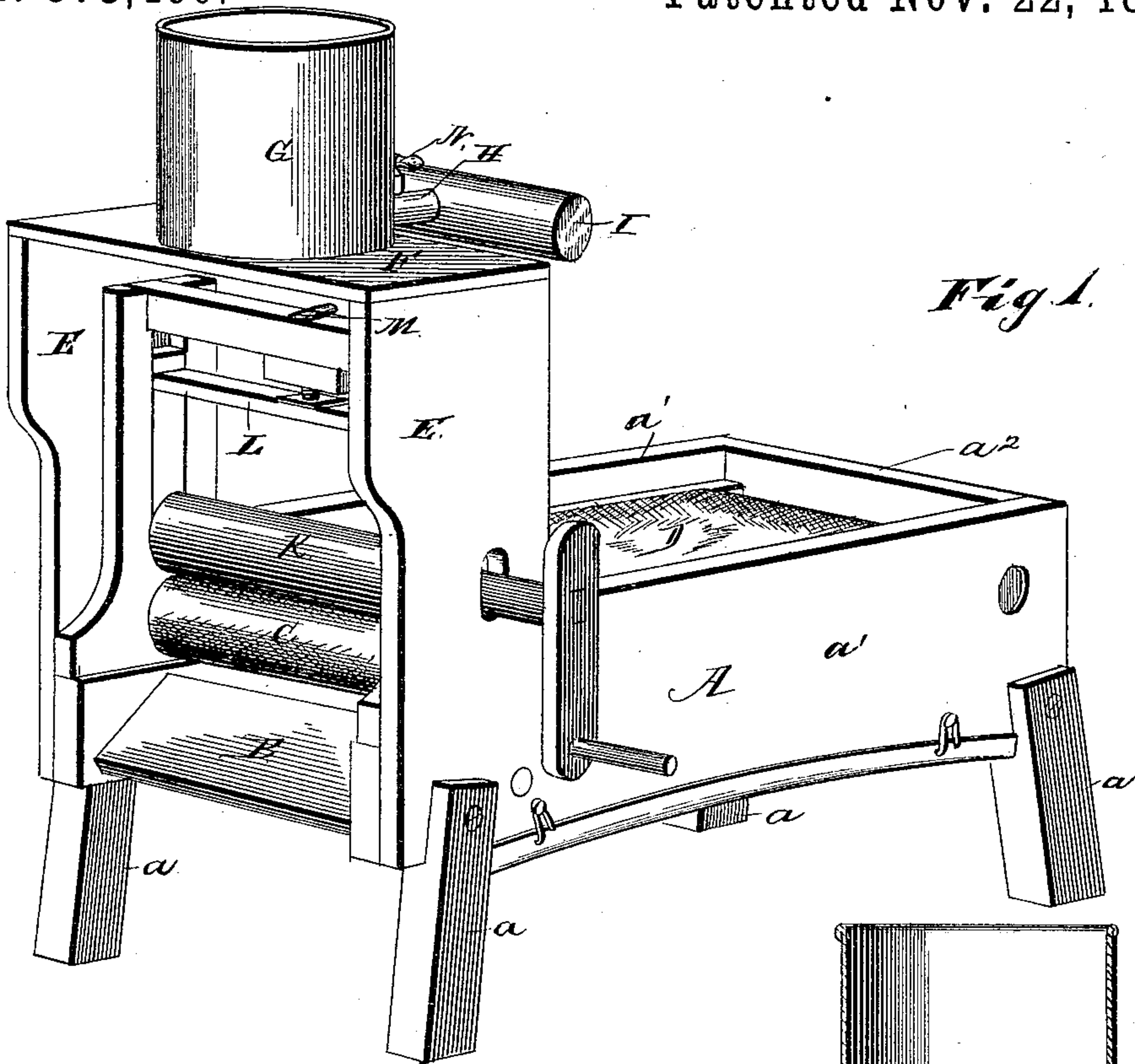


Fig. 1.

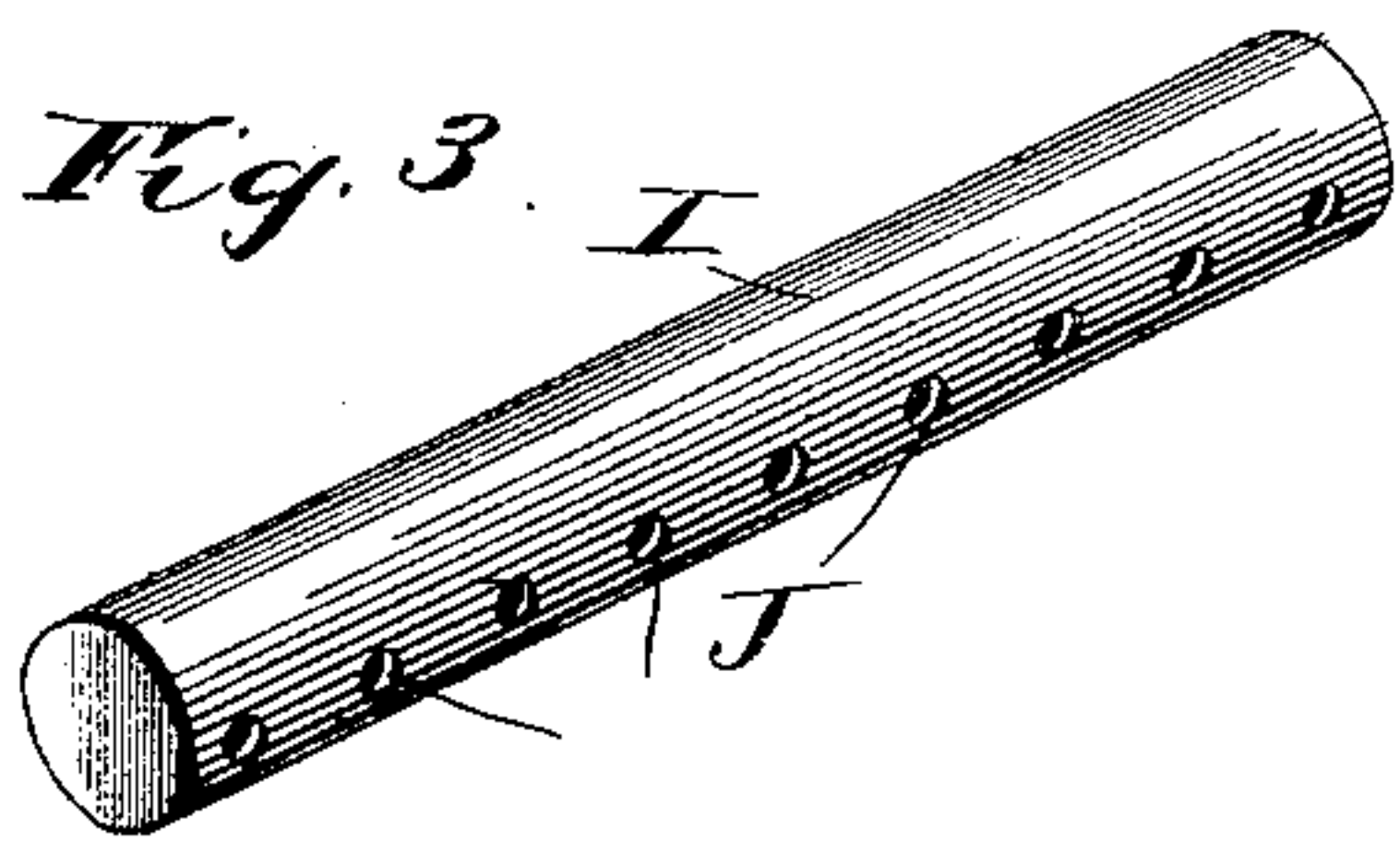


Fig. 3.

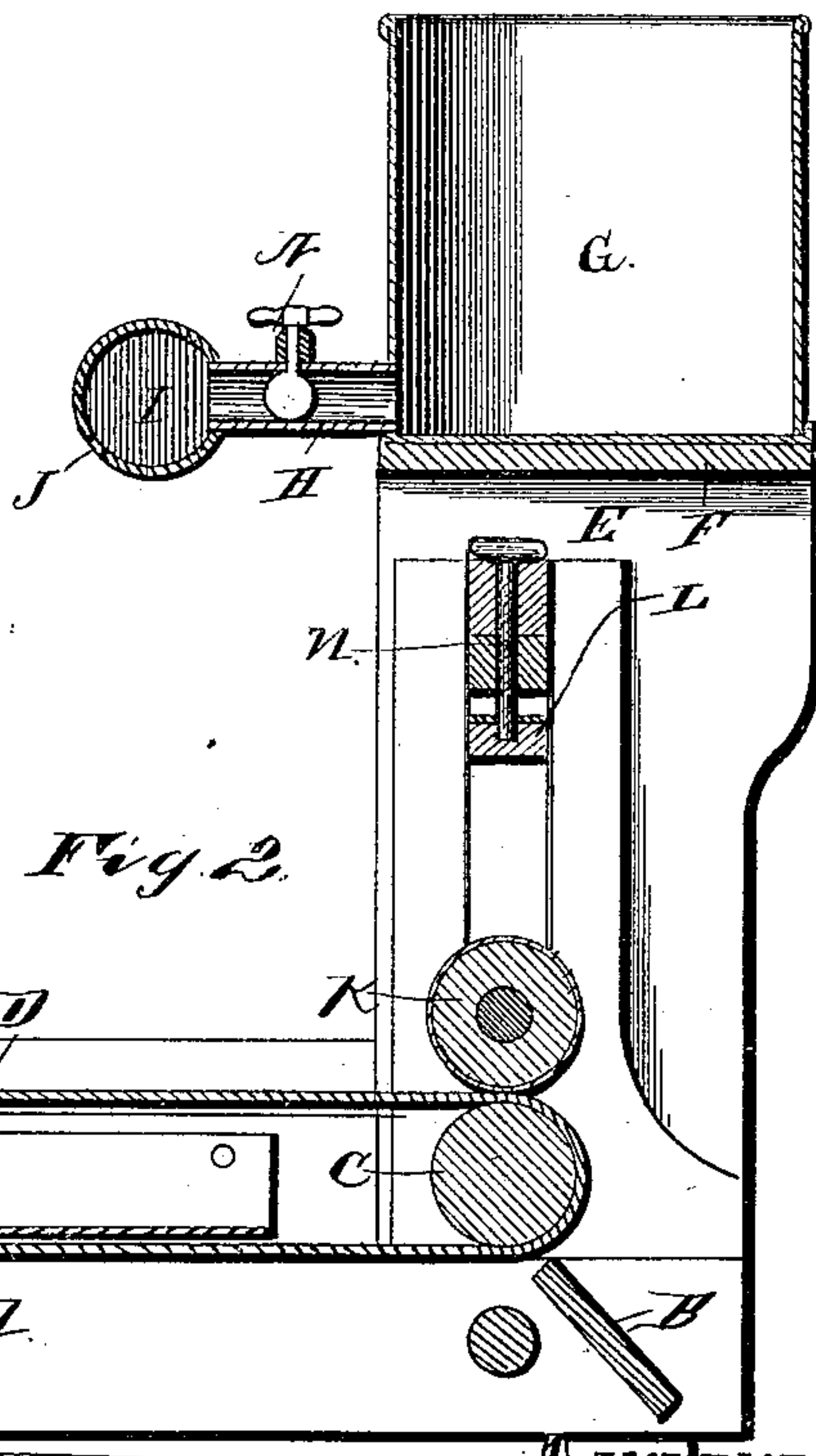


Fig. 2.

WITNESSES
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CHARLES C. KASEY, OF NEW RIVER DEPOT, VIRGINIA.

MACHINE FOR TREATING TOBACCO-LEAVES.

SPECIFICATION forming part of Letters Patent No. 373,460, dated November 22, 1887.

Application filed August 8, 1887. Serial No. 246,478. (No model.)

To all whom it may concern:

Be it known that I, CHARLES C. KASEY, a citizen of the United States, residing at New River Depot, in the county of Pulaski and State of Virginia, have invented new and useful Improvements in Machines for Treating Tobacco-Leaves, of which the following is a specification.

My invention relates to improvements in machines for flavoring tobacco-leaves; and it consists in certain novel features, hereinafter described and claimed.

In the accompanying drawings, which fully illustrate my invention, Figure 1 is a perspective view of the improved machine. Fig. 2 is a vertical longitudinal section of the same, and Fig. 3 is a view of the discharge-pipe.

Referring to the drawings by letter, A designates a supporting-frame mounted on the legs *a*, and composed of the parallel side bars, *a'*, connected at one end by the end bar, *a''*. At the opposite end of the frame the side bars have an inclined board or chute, B, secured between them. Rollers C C are journaled between the side bars at the ends of the same, and over these rollers I pass an endless apron, D, as clearly shown. The roller at the forward end of the frame is journaled in such a position as to be over the upper edge of the inclined chute B, where the tobacco carried by the apron D will be discharged onto said chute and by it directed into a suitable receptacle. At the front end of the frame, on the opposite sides of the same, I erect the standards E E, and support a cross-bar or table, F, on which I secure a tank, G, on the upper ends thereof.

The tank G is provided at its lower edge on its rear side with an outlet-pipe, H, which communicates with the discharge-pipe I, the said discharge-pipe being arranged transversely to and above the endless apron D. The discharge-pipe extends entirely across the endless apron, and is provided with a longitudinal series of perforations, J, as clearly shown.

K designates a pressure-roller, which is journaled in vertically-movable bearings on the inner opposing sides of the standards E E, the said bearings being connected at their upper ends by a cross-bar, L, against which a suitably-supported pressure-regulating screw, M, impinges. The surface of this roller K is

covered by a yielding fabric to prevent bruising the tobacco, and its shaft is extended through one of the standards E and provided with suitable operating means, that shown being a crank-handle.

The operation of my invention will be readily understood. Licorice or other suitable flavoring material is placed in the tank G, and the flow of the same to the discharge-pipe I is regulated by a suitable stop-cock, N, in the outlet-pipe H. The tobacco-leaves are placed on the endless apron and the said apron caused to carry the tobacco toward the front of the machine by revolving the pressure-roller, which will contact frictionally against the apron and move it forward. The tobacco will be thereby carried forward and under the licorice escaping from the discharge-pipe through the perforations therein. The licorice will thus escape directly onto the tobacco, and as the tobacco passes under the pressure-roller the licorice will be spread upon the entire body of the tobacco-leaf, and at the same time all grit and dirt will be expelled therefrom by the pressing or crushing action of the rollers.

It will be seen that I have provided a very simple machine, by means of which the tobacco may be readily and thoroughly flavored, and its advantages will be readily appreciated.

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

The improved machine for flavoring tobacco, herein described and shown, comprising the supporting-frame, the endless apron mounted therein, the standards erected at the front end of the frame, the tank supported by said standards, the outlet-pipe leading rearwardly from the tank, the discharge-pipe at the end of the outlet, arranged transversely to the endless apron and having a longitudinal series of perforations, and the adjustably-mounted pressure-roller at the front end of the frame, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

CHARLES C. KASEY.

Witnesses:

J. H. MARTIN,
G. G. DUDLY.