

T. W. LAFETRA.

Tobacco Drier.

No. 10,750.

Patented April 4, 1854.

Fig. 1

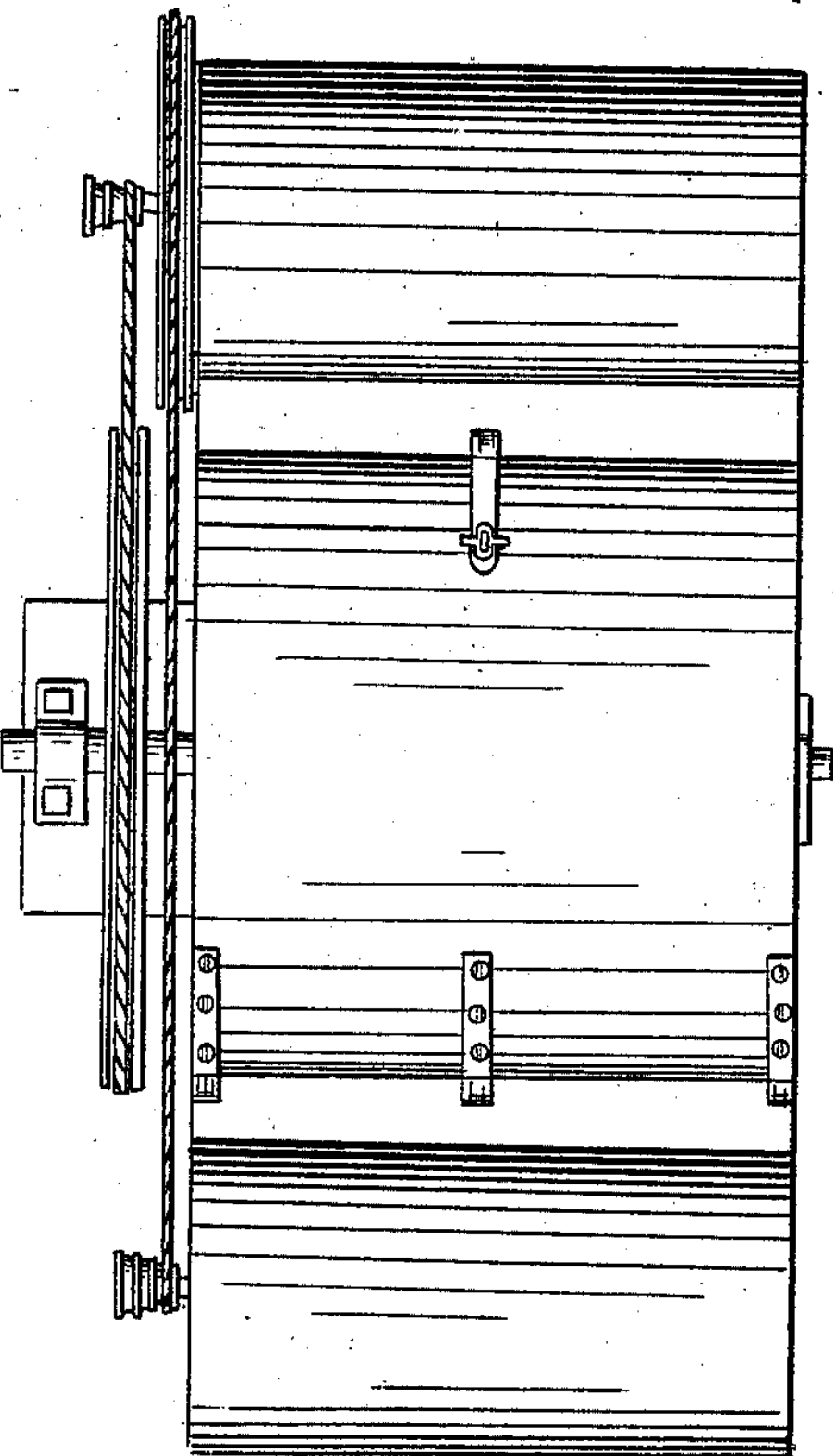


Fig. 2

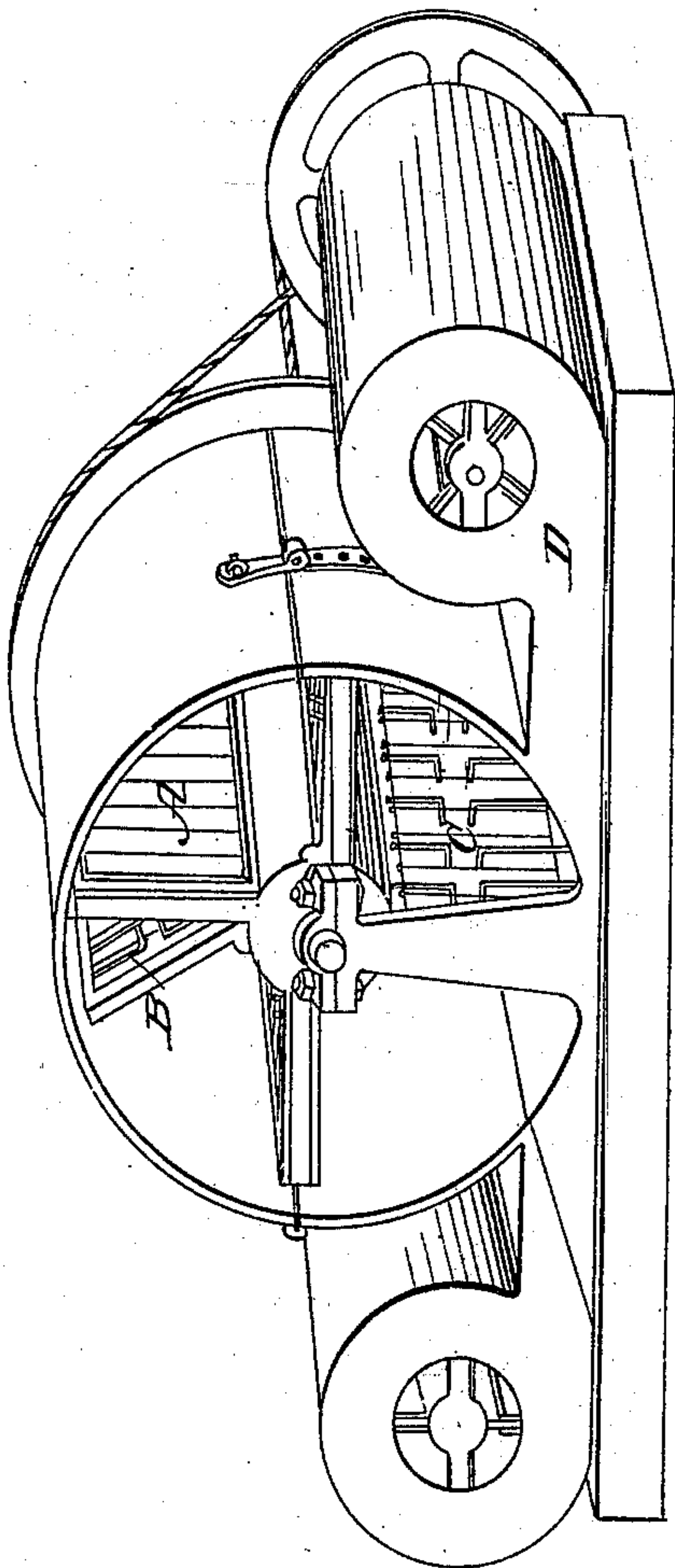
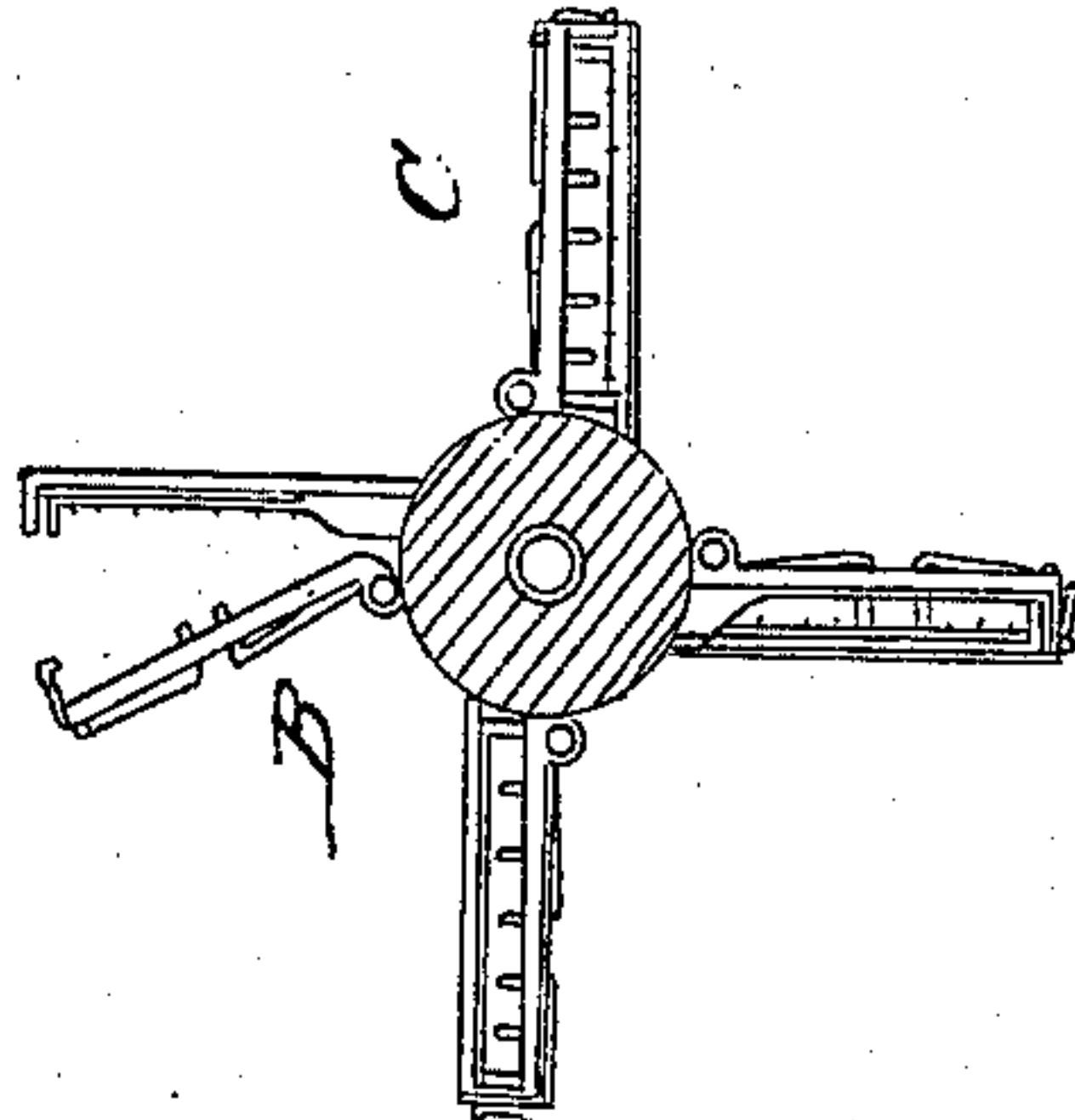


Fig. 3



Witnesses
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UNITED STATES PATENT OFFICE.

TYLER W. LAFETRA, OF NEW YORK, N. Y.

IMPROVEMENT IN MACHINES FOR DRYING TOBACCO.

Specification forming part of Letters Patent No. 10,750, dated April 4, 1854.

To all whom it may concern:

Be it known that I, TYLER W. LAFETRA, of the city of New York, in the county and State of New York, have invented a new and useful Improvement in a Desiccator or Machine for Drying Tobacco; and I do hereby declare the following to be a full and exact description thereof, reference being had to the accompanying drawings and the letters and references marked thereon.

The nature of my invention consists in forming chambers or cells between the heads or ends of a large wheel, or on a cylinder, by connecting them at the periphery or ends of the arms by a bar or rod constructed with bosses or flanges, also the inside of the arms, thus forming a rest or bearing for a frame upon which wire cloth or gratings are placed, on which the tobacco cut is spread inside for drying, as shown at A, Fig. 2, in the accompanying drawings, a door or lid of similar construction hung at or near the shaft or axle, as represented at B, Figs. 2 and 3, furnished with pins, hooks, or springs, so placed as to penetrate or rest on the tobacco to confine it when

said door or lid is closed, forming the chambers or cells, and thereby preventing its changing position when the wheel or cylinder is given a rotary or other motion, but calculated to receive and admit of a current or currents of air passing freely through the said contents, as represented at C, Figs. 2 and 3, the current or currents of air to be produced by a fan-wheel, blower, vacuity, or in any other way best calculated to dry the contents of said chambers or cells by being forced through the same, as represented at D, Fig. 2.

What I claim as my invention, and desire to secure by Letters Patent, is—

The drying tobacco by forcing currents of air through it, in combination with the confining thereof by means of the chambers or cells formed and constructed as described, or by any other mode that is substantially the same and will produce the same result.

TYLER W. LAFETRA.

Witnesses:

WM. B. AITKEN,
EDWARD FALCONER.