

(No Model.)

A. STUART, Jr.
TOBACCO CUTTER.

No. 489,108.

Patented Jan. 3, 1893.

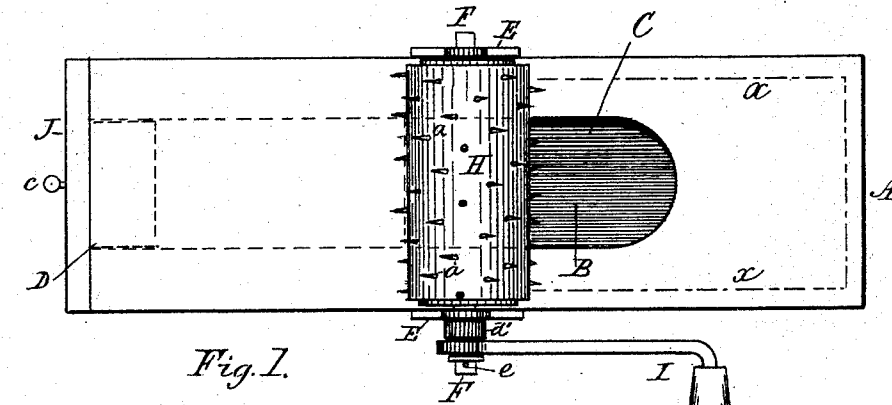


Fig. 1.

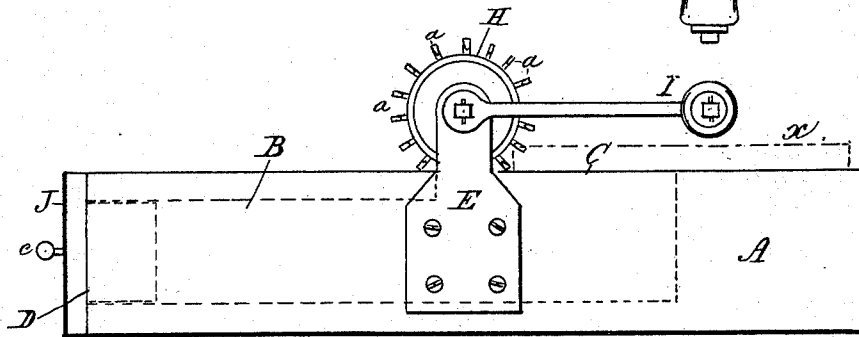


Fig. 2.

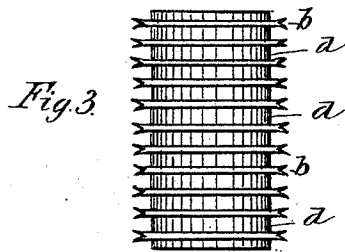


Fig. 3.

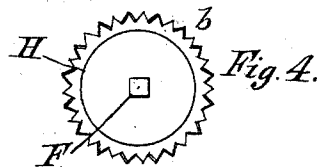


Fig. 4.

Witnesses
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ALEXANDER STUART, JR., OF HAMILTON, CANADA.

TOBACCO-CUTTER.

SPECIFICATION forming part of Letters Patent No. 489,108, dated January 3, 1893.

Application filed March 25, 1892. Serial No. 426,451. (No model.)

To all whom it may concern:

Be it known that I, ALEXANDER STUART, Jr., a citizen of the Dominion of Canada, residing at the city of Hamilton, in the county of Wentworth, Province of Ontario, Canada, have invented certain new and useful Improvements in Tobacco-Cutters; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being made to the accompanying drawings, in which—

Figure 1, is a plan of the machine embodying my invention. Fig. 2, is a side elevation of the same. Fig. 3, is a top view of cylinder detached, showing saw teeth. Fig. 4, is an end view of the same.

My invention relates to a very handy and convenient tobacco cutter that will possess many advantages, among which may be mentioned, the great ease of cutting a large quantity in a very short time, all ready for the pipe without the necessity of rolling it between the hands, as is usual with the tobacco cutters at present in use. It is simple and durable, and will cut any size of plug tobacco very evenly which causes it to be more pleasant in smoking.

The device consists in a rectangular shaped box, having a recess cut out for a receptacle for tobacco, a cylinder is journaled on the top of the box, and provided with a series of teeth which may be set separate, in rows, with a space between each or a set of continuous teeth like a circular saw—a crank handle is affixed to the cylinder spindle to revolve the cylinder against the end of a plug of tobacco laid on the top of the box, the tobacco as it is cut falls into the inner recess where it may lie until ready for use.

In the drawings, A represents the rectangular box which may be cut out of one piece of wood, cast in metal, or any other convenient manner, but wood is preferable.

B, is the inner chamber, having two openings, viz. C, the top where the cut tobacco falls

from the cylinder into the inner chamber B, and the end opening D, from which the cut tobacco is removed from the said chamber B.

E, E, are metal standards screwed to the sides of the box A, through which the square spindle F passes—and circular metal disks attached to each end of the cylinder.

H, is the cylinder preferably of wood through which the spindle F passes.

a are the teeth set in diagonal rows a short distance apart (as shown in Fig. 1), formed with sharp cutting edges or in circular saw form, with the teeth b set very wide, and an annular collar or ring d between each, as in Fig. 3.

I, is a crank handle, with a collar d' interposed between it and the bearing plate E, and a pin e passing through the spindle on the outside of the handle to hold it on.

J, is a cover to fit in the end of the inner chamber B, and provided with a ring or other device c for convenience in opening and closing the mouth of the chamber B which it fits.

In the operation of the device, a plug of tobacco is placed on the top of the box, represented by the dotted lines x, x, and held there to be fed to the teeth of the roller as it is rotated by the handle I, the teeth tear or cut the tobacco in slender strips ready for the pipe, without any further manipulation, and making it just right for the smoker's convenience and pleasure.

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

In a tobacco cutter, the combination of the box A, with recess B, cover J, cylinder H, having saw teeth b, standards E, spindle F, and handle I, all constructed substantially as and for the purpose specified.

ALEXANDER STUART, JR.

In presence of—
T. HAMPSON,
WM. BRUCE.