

R. Crocker Strap-Cutter.

No. 119,578.

Fig. 1

Patented Oct. 3, 1871.

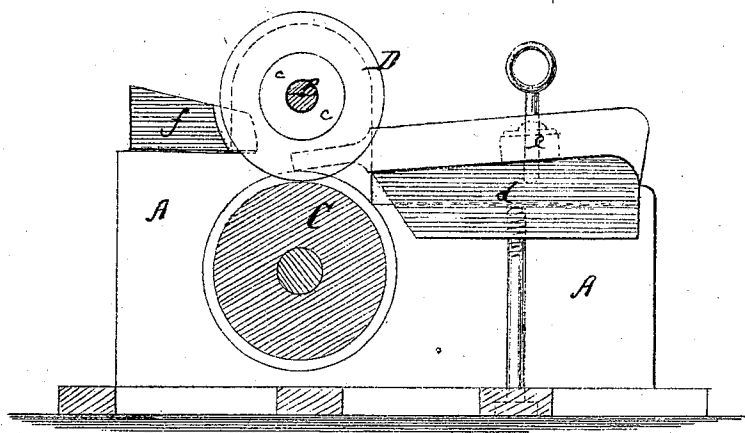
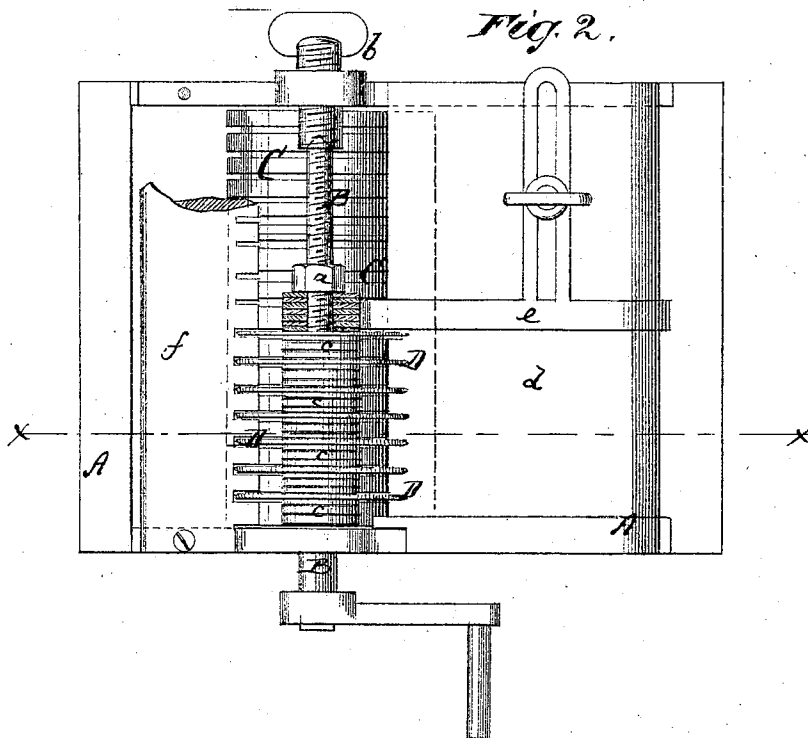


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

RICHARD CROCKER, OF MARSHALLTOWN, IOWA.

IMPROVEMENT IN STRAP-CUTTERS.

Specification forming part of Letters Patent No. 119,578, dated October 3, 1871; antedated September 27, 1871.

To all whom it may concern:

Be it known that I, RICHARD CROCKER, of Marshalltown, in the county of Marshall and State of Iowa, have invented a new and Improved Strap-Cutter; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming a part of this specification.

My invention consists in a new way of cleaning the rotary knives of a strap-cutting apparatus by passing them between the teeth of a comb as they revolve, and immediately after the cutting operation has been performed.

Figure 1 is a vertical transverse sectional view, and Fig. 2 a plan view of my improved machine.

A is the frame; B, a crank-shaft; and C, a horizontal supporting roller. D is a series of parallel annular blades or cutters; *e*, the washers separating them; and *a*, a nut clamping them on the shaft. *b* is a thumb-screw in which one end of the shaft B is centered. C is a wooden supporting roll having a groove for each blade. *d* is a table, and *e* a gauge, adjustable laterally thereon. *f* is a slotted plate, which constitutes the comb or cleaners to the knives, and which

incidentally guides them and prevents them from whipping.

The mode of operation is as follows: The gauge being set to the width of the sheet of leather to be cut, the leather is placed on table *d* and fed to the rotary cutters D. The strips, when cut, have a tendency to work tight between the knives and to wind around the shaft. To remove this difficulty my comb *f* then comes into important use, and strips the pieces of leather from the knives as fast as they are cut.

Having thus described all that is necessary to a full understanding of my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a strap-cutting machine, the comb *f*, combined with a series of rotary knives, D, arranged to pass severally through the slots thereof, as and for the purpose specified.

The above specification of my invention signed by me this 6th day of September, 1870.

RICHARD CROCKER.

Witnesses:

W. E. SNELLING,
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