

G. ANDREWS.
Leather Skiving-Machines.

No. 143,398.

Patented Oct. 7, 1873.

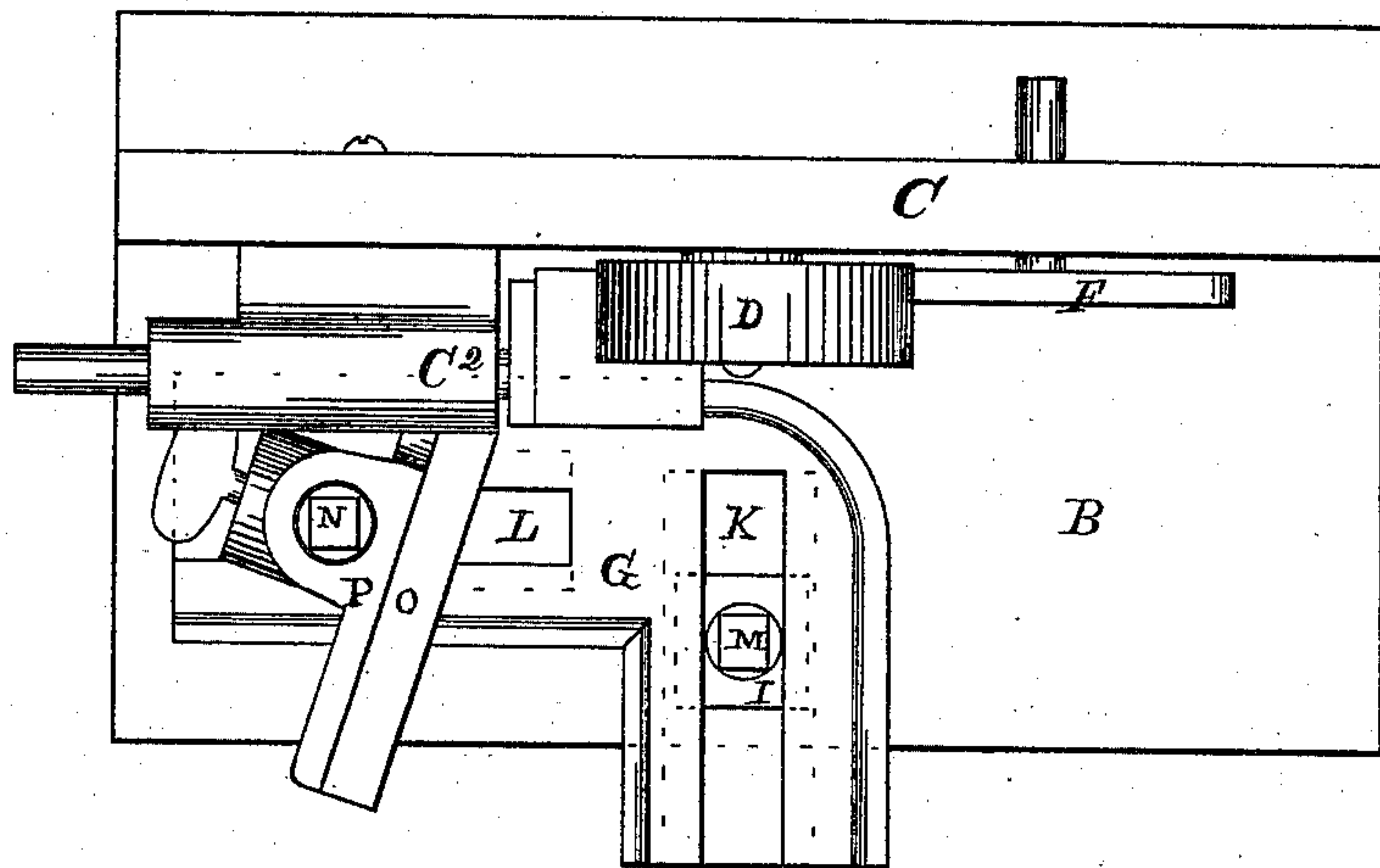


Fig. 1.

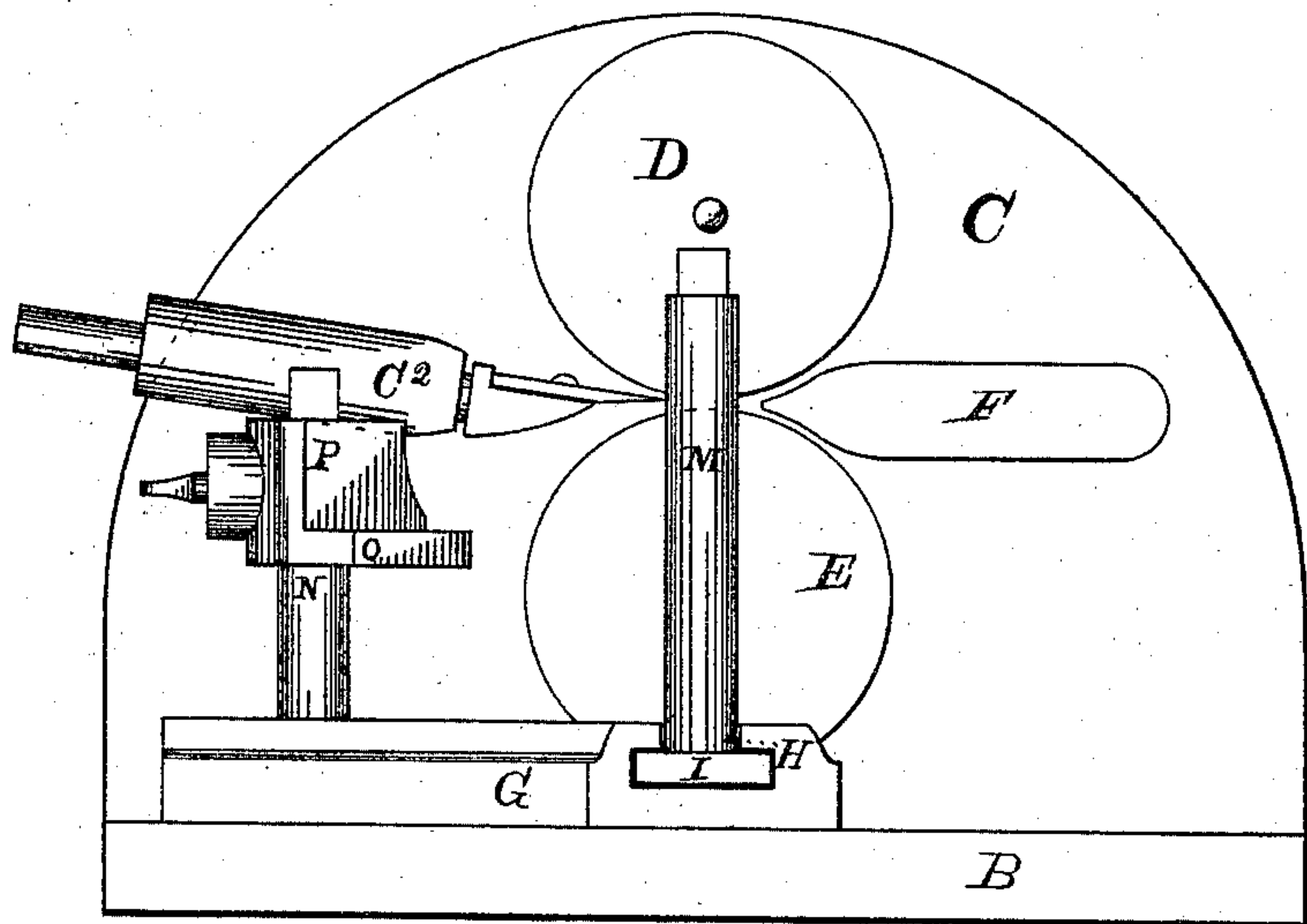


Fig. 2.

Witnesses:

Emory Andrews
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UNITED STATES PATENT OFFICE.

GEORGE ANDREWS, OF OXFORD, MAINE.

IMPROVEMENT IN LEATHER-SKIVING MACHINES.

Specification forming part of Letters Patent No. **143,398**, dated October 7, 1873; application filed June 27, 1873.

To all whom it may concern:

Be it known that I, GEORGE ANDREWS, of Oxford, in the county of Oxford and State of Maine, have invented certain new and useful Improved Guides for Leather-Skiving Machines; and I hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing, which is hereby made a part of this specification, in which—

Figure 1 is a top-plan view of a skiving-machine provided with my improved guides. Fig. 2 is a front vertical elevation of the same.

The object of my invention is to produce improved guides for the machines used for beveling the edges of counters for boots and shoes, so that the counters, after being cut to the desired crescent form by other means, are very accurately and expeditiously guided between feed wheels or rolls, which press the counters upon a cutter or knife. A machine of the kind to which my improved guides are applicable is shown in Letters Patent to Seth D. Tripp, dated January 14, A. D. 1862, for an improvement in machines for cutting welts for boots and shoes, No. 34,172. I wish to be particularly understood that I claim no part of it as my invention except the guides, hereinafter described.

In Figs. 1 and 2, B shows the base plate of metal, to which all other parts of the machine are either directly or indirectly attached, and which rests horizontally in any most convenient place for the operator; and from this rises perpendicularly the back C, to which is attached the cutter C² and the feed-rolls D and E, as shown. These feed-rolls are driven by power, operating pulleys behind them, which are not shown. The bearing-block F is fastened to the back plate at the right hand of the feed-point of the wheels or feed-rolls, and the knife or cutter to the left, so that the counter to be beveled passes by the action of the oppositely-driven feed-rolls from right to left against the cutter, which is made to be adjustable at any angle to the leather.

Thus far the machine is not new; but the following-described guides I claim as new and of my invention.

Upon the base-plate B is rigidly secured the L-shaped block G, as shown, and has in both of its arms the slots K and L, running in the direction of their length, and made, as shown at H, of a T form in their interior, so that the nuts I and J, fitted in size thereto, slide freely backward and forward in said slots when permitted. These nuts I and J have a female thread cut through them, into which the screw-bolts M and N pass, as shown, completely through the nuts I and J, and, by turning the bolts, may be made to bind the nuts firmly in any desired position by pressing upon the bottoms of the slots. The bolt or standard M presses against the straight side of the crescent-shaped welt, when it is introduced between the bolt and cutter, as the welt makes the semi-revolution necessary to bevel its semi-circular side; and the projection O upon the device P, which is affixed to the other standard, N, receives and guides the beveled end of the welt until it is finished. The different parts, being made movable and adjustable, permit of performing the operation of beveling upon the different sizes of welts, and the knife or cutter being also adjustable, different angles may be given to the bevel, as desired.

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

1. The guides M and N, made and arranged substantially in the manner and for the purposes set forth.

2. The combination of the guides M and N, constructed substantially as described, with the feed rolls or wheels D and E, and the cutter C², as set forth.

GEORGE ANDREWS.

Witnesses:

EMERY ANDREWS,
WILLARD L. MONK.