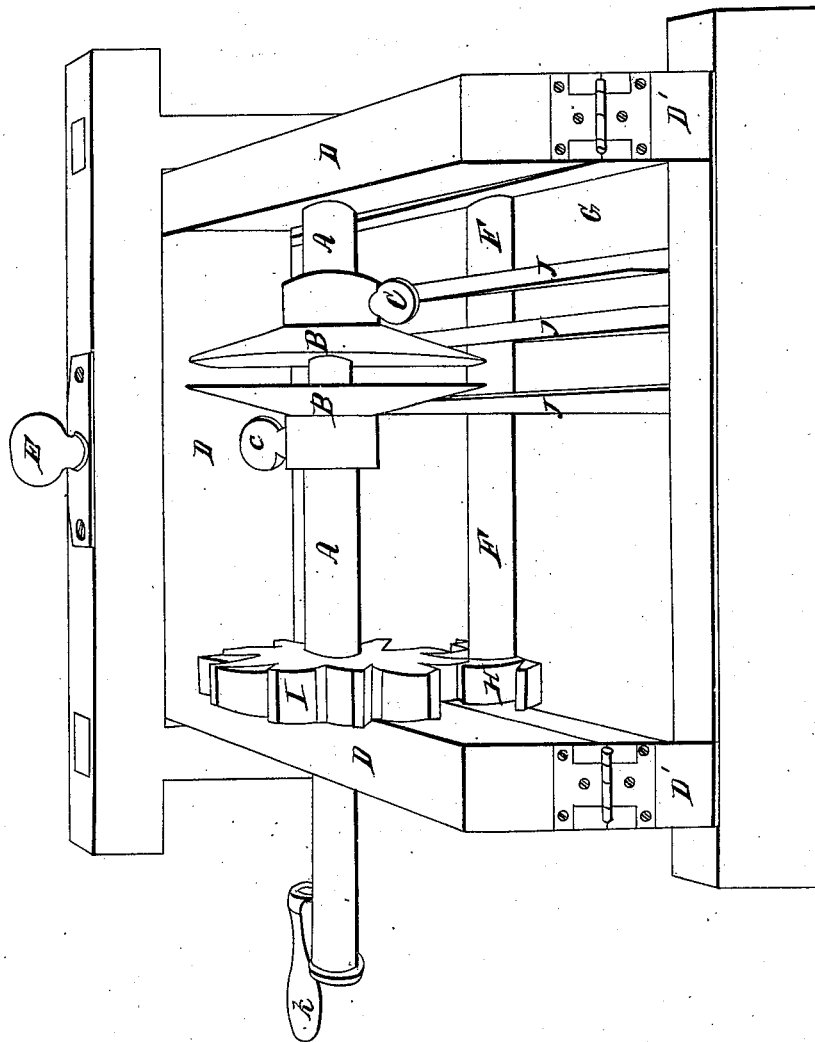


S. Crompton

Harness Machine.

N^o 5882.

Patented Oct. 24, 1848.



UNITED STATES PATENT OFFICE.

SAMUEL CRONCE, OF FLEMINGTON, NEW JERSEY.

MACHINE FOR CREASING LEATHER STRAPS.

Specification of Letters Patent No. 5,882, dated October 24, 1848.

To all whom it may concern:

Be it known that I, SAMUEL CRONCE, of Flemington, in the county of Hunterdon and State of New Jersey, have invented certain new and useful Improvements in the Manner of Constructing Machines for Making Creases on the Edges of Leather Straps that are Used in the Business of Making Harness and for other Purposes; and I do hereby declare that the following is a full and exact description thereof.

The accompanying drawing represents my machine in perspective, all the operating parts thereof being distinctly shown.

A, is a shaft which carries the creasing rollers B, B, which rollers are to be made of iron, and are movable on the shaft to allow of their being set to different parts thereof by means of the set screws C, C. The guide-geons of the shaft A, run in the upper part of the frame D, D, which is hinged to the lower part D'. There is an adjusting screw at E, which works through a screw nut in the part D, of the frame, and swivels in the lower part D', and by the aid of this the pressure of the creasing rollers may be regulated.

F, F, is a roller the periphery of which rises a little above the bed G, G, of the machine, its main body being below the bed; and into a toothed wheel H, on this roller, a similar toothed wheel I, on the shaft A, gears.

J J J are guide strips placed at such distance apart on the bed, as just to allow the strap that is to be creased to pass between them; one or more of these strips may be

made adjustable, so as to suit straps of leather differing in width from those that are ordinarily called for.

When this machine is to be used the creasing rollers are to be set at such distance apart as will suit the width of the strap to be creased and the distance of the crease from its edge. The strap is then to be introduced into the proper groove, under the creasing rollers, and above the roller F, F; the pressure of the creasing rollers being properly adjusted, the winch K, is to be turned so as to cause the strap to pass on, which will effect the creasing with great truth, and with a degree of speed many fold greater than it can be effected in the ordinary way.

Having thus fully described the manner in which I construct and use my creasing machine, what I claim therein as new, and desire to secure by Letters Patent is—

The particular manner in which I have arranged and combined the respective parts thereof, as set forth; that is to say, I claim, in combination, the adjustable creasing rollers on the shaft A, the roller F, and the guide strips J, J, so as to cooperate in effecting the purpose herein fully made known. I do not claim either of the parts named and represented, individually, they being in their uncombined form, in common use in other machines.

SAMUEL CRONCE.

Witnesses:

THOS. P. JONES,
LEML. WILLIAMS.