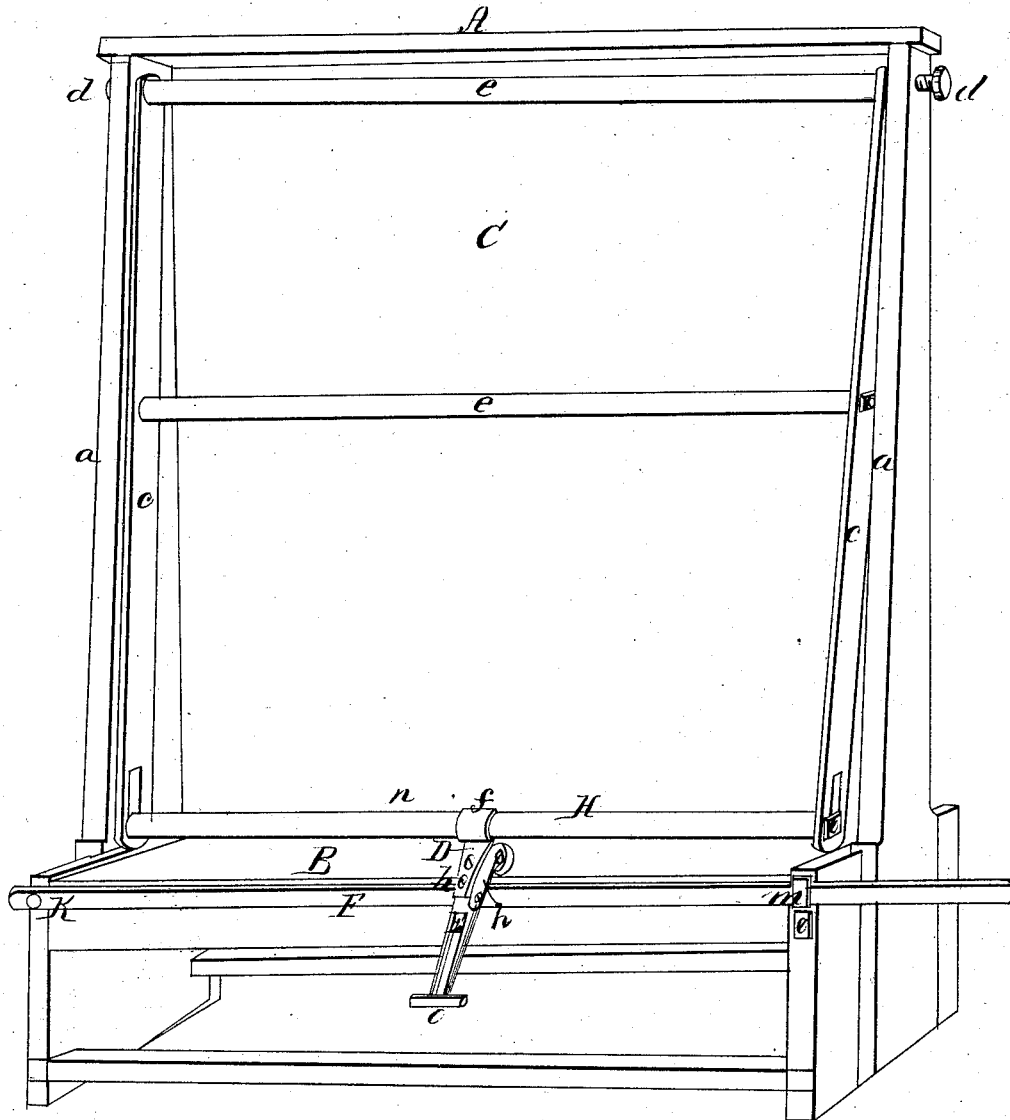


T. Chace,
Shaving Leather,
No 914, Patented Sep. 12, 1838.



Witnesses;
Hollis Hunt
Joseph Lawrence

Inventor;
T. Chace

UNITED STATES PATENT OFFICE.

THOMAS CHACE, OF NEW YORK, N. Y.

MACHINE FOR ROLLING, SHAVING, SOFTENING, AND FINISHING LEATHER.

Specification of Letters Patent No. 914, dated September 12, 1838.

To all whom it may concern:

Be it known that I, THOMAS CHACE, of the city, county, and State of New York, have invented a new and useful Improvement in the Construction of Machines for Rolling, Shaving, Softening, and Finishing Leather, and that the following is a full and correct description thereof.

The machine embracing my said improvement is composed of seven principal parts which are designated in the annexed drawing by capital letters.

A is a gailows frame about six feet high and the side posts *a a* the same distance apart, between which and firmly connected with them at the botom stands the platform B over which hangs the brake C, formed of two flat iron pendulous side pieces *c c* and three round iron cross bars *e e* and H secured to the side pieces by nuts and screws at their ends; the whole being suspended by centers passing through the side posts near their tops into the ends of the upper cross bar at *d d*. Upon the bottom cross or traverse bar H, is placed the spring and lever D and E in the arrangement of which consists my claim to improvement as above set forth. The end of the spring D is formed into a thimble fitting exactly upon the traverse bar *f* which should be turned smooth in order that the thimble of the spring may traverse from end to end freely. The outer ends of the spring or springs (which may be made of several thicknesses in the manner of coach springs or otherwise) are secured by nuts and screws upon the top near the end of the lever E which lever is about two feet long and three inches square at the butt, tapering to the handle. Upon the sides of said lever immediately under the spring and near the traverse bar are placed two side plates *h h* through the back ends of which passes a bolt on which they are allowed to play close to the sides of the lever E. Through the centers of the broadest ends of the plates *h h* are holes for a half inch bolt which is designed to pass through and secure firmly between said plates, such tools

as are requisite for the various processes of working and finishing leather as above set forth.

The platform B which may be made of wood, stone or otherwise, is about two feet high, six long, and three wide, with its concave surface corresponding with the sweep of the brake, the traverse bar of which is within 5 inches of its surface. In front and upon the edge of the platform is placed a clamp F moving similar to a door latch upon the pin *k* at one end and falling into the catch *m* at the other. The office of this clamp is to secure the skin or leather, to be worked upon the concave platform.

When the machine is in operation, the mode is as follows: The skin being secured as above, the operator clamps the traverse bar with his left hand at *n* and the lever E in his right hand at *o* bearing it down at the same time as the case may require, which brings the tool between the plates *h h* to bear upon the leather and which by pressing back the traverse bar is forced in a direct line over and upon the surface of the leather. The lever is then raised, the brake brought back, and the process continued along the traverse bar by sliding the thimble progressively upon the same until the process is completed. In rolling leather and other operations it may be expedient to reverse the spring D, placing the lever E upon the upper side nearly in a vertical position and bring the tool to bear upon the skin on the back side of the traverse bar in which case the lever must be curved at the plates *h h*.

What I claim as my invention and not previously known in the above described machine, is—

The spring and lever or a spring lever in combination with the traverse bar for all and particularly the purposes herein above set forth.

New York June 18th 1838.

THOS. CHACE.

Witnesses:

WALTER HUNT,
JOSEPH LAWRENCE.