

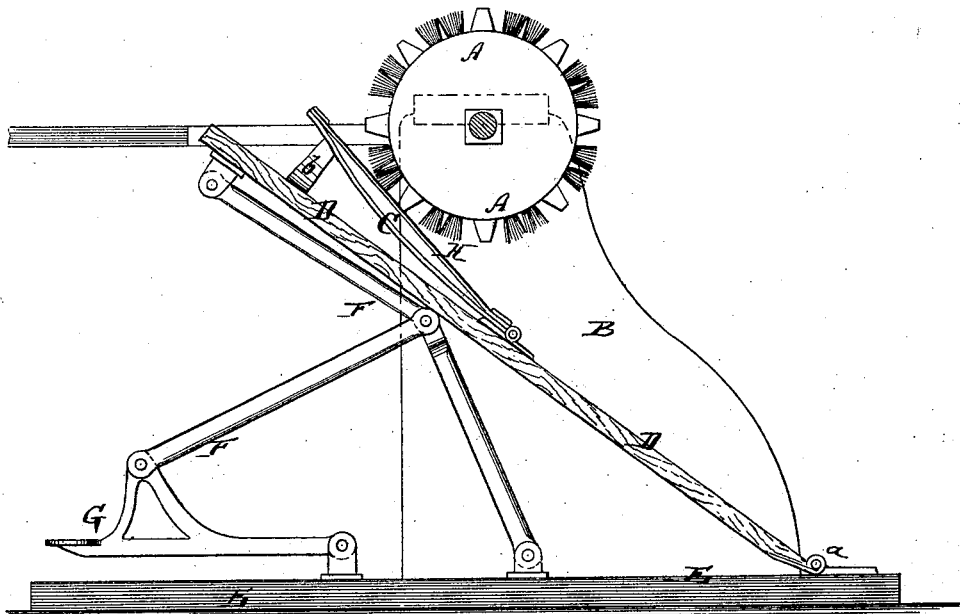
*Havemeyer & Burdon,*

*Scouring Leather*

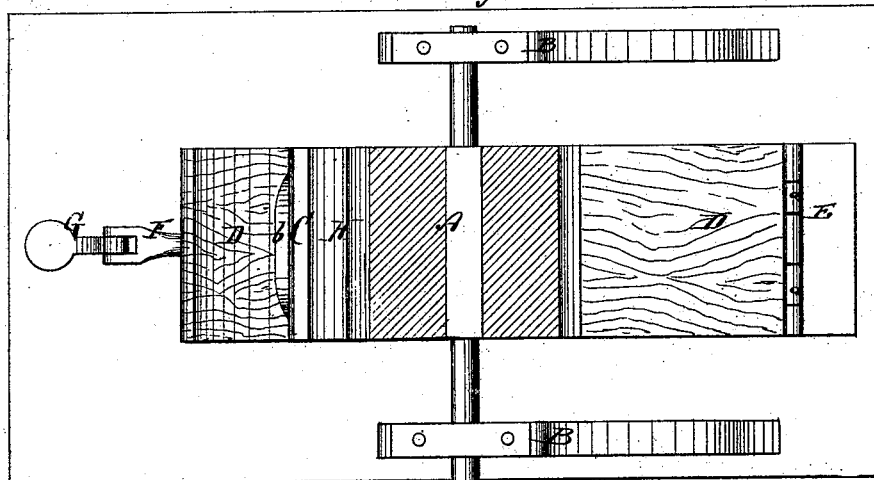
*No. 108783.*

*Patented Nov. 1. 1870.*

*fig. 1.*



*fig. 2.*



**Witnesses:**

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# United States Patent Office.

HECTOR C. HAVEMEYER AND DAVID P. BURDON, OF NEW YORK, N. Y.

Letters Patent No. 108,783, dated November 1, 1870.

## IMPROVEMENT IN LEATHER-SCOURING MACHINES.

The Schedule referred to in these Letters Patent and making part of the same.

### *To all whom it may concern :*

Be it known that we, HECTOR C. HAVEMEYER and DAVID P. BURDON, of the city of New York, in the county and State of New York, have invented a new and Improved Leather-scouring Machine; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

Figure 1 represents a side elevation of our improved leather-scouring machine.

Figure 2 is a plan or top view of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new machine for dressing and scouring leather, and consists in the employment of a hinged scouring-bed, held by means of springs against the rotating scouring-tool, which is hung in a fixed frame. The hinged bed is applied to a hinged table, which can be held nearer to or further off the table by means of a toggle lever or equivalent mechanism.

A in the drawing represents the scouring-cylinder, hung in a stationary frame B, and connected with suitable machinery whereby it receives rotary motion. It carries on its rim stones and brushes, or other suitable scouring or dressing implements, fastened in suitable manner.

The scouring-bed C is at one end hinged to a table,

D, which is by a hinge, *a*, secured to a fixed platform or floor, E.

A set of toggle levers, F, or other suitable mechanism, applied against the under side of the table, and connected with a treadle or handle, G, can be used to force the table and bed with suitable power against the cylinder.

A spring or springs, *b*, interposed between the free end of the bed C and the table, serves to hold the said bed against the cylinder.

The upper or contact face of the bed may be made slightly concave, as shown, to receive a sheet, H, of leather, rubber, or other material, which is stretched over its ends to constitute a cushion surface, upon which the leather to be treated is placed.

Having thus described our invention,

We claim as new and desire to secure by Letters Patent—

1. The adjustable bed C, hinged at one end and held against the scouring-cylinder by springs fitted under the other end, substantially as herein shown and described.

2. The hinged table D, made adjustable by means of levers or equivalent mechanism, and combined with the hinged spring-bed C, substantially as herein shown and described.

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