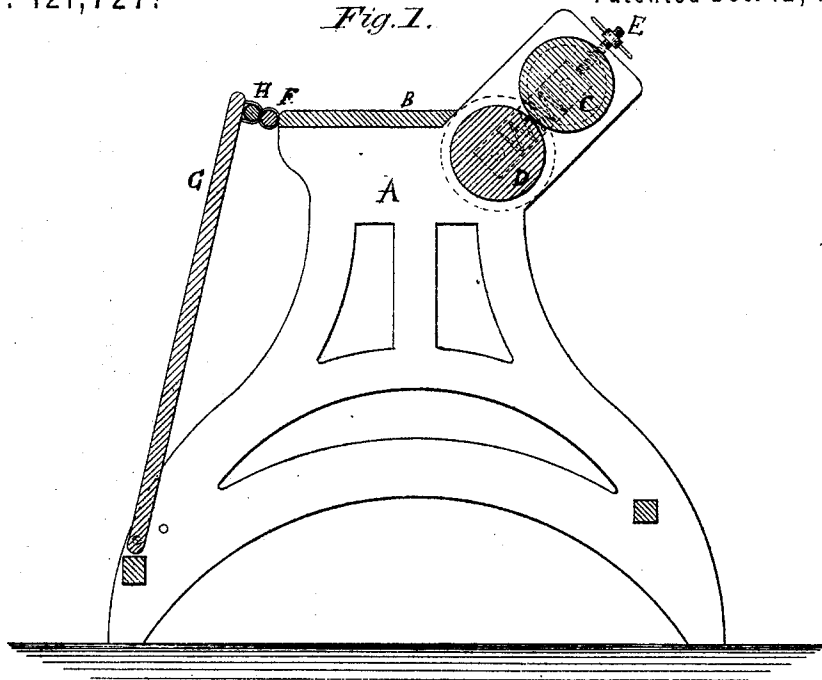
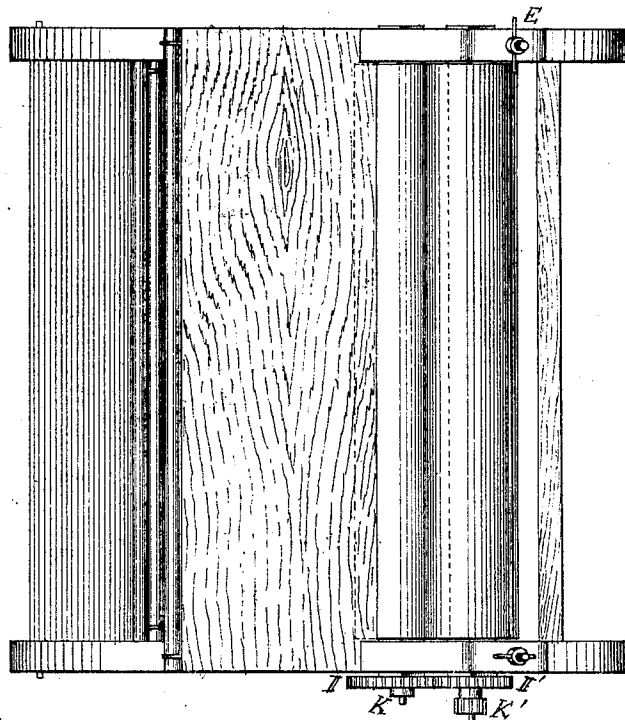


*N. D. Morey's,**Machine for Pressing & Finishing Leather.*

No. 121,727.

Patented Dec. 12, 1871.

Fig. 1.*Fig. 2.**Witnesses:*

T. C. Brecht,
A. Morey

Inventor:

N. D. Morey
 By *Daniel Breed*
Atty.

UNITED STATES PATENT OFFICE.

NATHAN D. MOREY, OF SARATOGA SPRINGS, NEW YORK.

IMPROVEMENT IN MACHINES FOR PRESSING AND FINISHING LEATHER, SKINS, &C.

Specification forming part of Letters Patent No. 121,727, dated December 12, 1871.

To all whom it may concern:

Be it known that I, NATHAN D. MOREY, of Saratoga Springs, Saratoga county, in the State of New York, have invented a Machine for Pressing and Finishing Leather; and I do hereby declare the following to be a full and exact description thereof, reference being had to the accompanying drawing forming part of this specification.

The nature or essence of my invention consists in a pair of elastic rollers, between which the skin is passed, and thus tightly pressed to remove the water, and also give the skin a better finish; second, of a pair of secondary rollers, in order to stretch the skin as it is pressed; and, also, in a new arrangement of devices for operating the above-mentioned rollers and in other improvements.

In the accompanying drawing, Figure 1 is a vertical section of my machine. Fig 2 is a top view of the same.

The frame A may be of any suitable form with a table, B, over which the skin is to be spread in stretching and pressing the same. On this frame are two rollers, C and D, which should be covered with rubber, as indicated in dotted lines in Fig. 1, so as to give them an elastic surface. These rollers may have adjustable bearings with adjusting-screws E for regulating the distance between the rollers. The table B is provided with a roller, F, and the swinging board G carries a corresponding roller, H. The skin is placed between the two rollers H and F as smoothly as conven-

ient, leaving one end lying on the table B, and reaching over to be caught by the two rollers C and D. Now, these rollers C and D are set in revolution, slowly drawing the skin through between them, thus pressing out the water. At the same time the board G is pressed toward the roller F, so as to stretch the skin and spread the latter smoothly upon the table B as it is drawn through the elastic rollers C and D. The shafts of the rollers C D are provided with suitable gear-wheels and pinion I I' and K K' for giving motion thereto.

By practical experiment I find that skins when pressed in the above-described machine will dry in one-fourth of the time usually required, and that they have a better finish, the grain not being injured as by the present method of using sleekers; therefore, my finishing improves the quality of the skins and increases their value.

Having described my invention, I claim—

1. The swinging board G and roller H, in combination with table B and roller F, as and for the purposes set forth.

2. The combination of swinging board G and table B with the stretching-rollers H F and pressing-rollers C D, as and for the purposes specified.

NATHAN D. MOREY.

Witnesses:

R. E. MOREY,
S. B. SCOTT,
P. H. ALLEN.