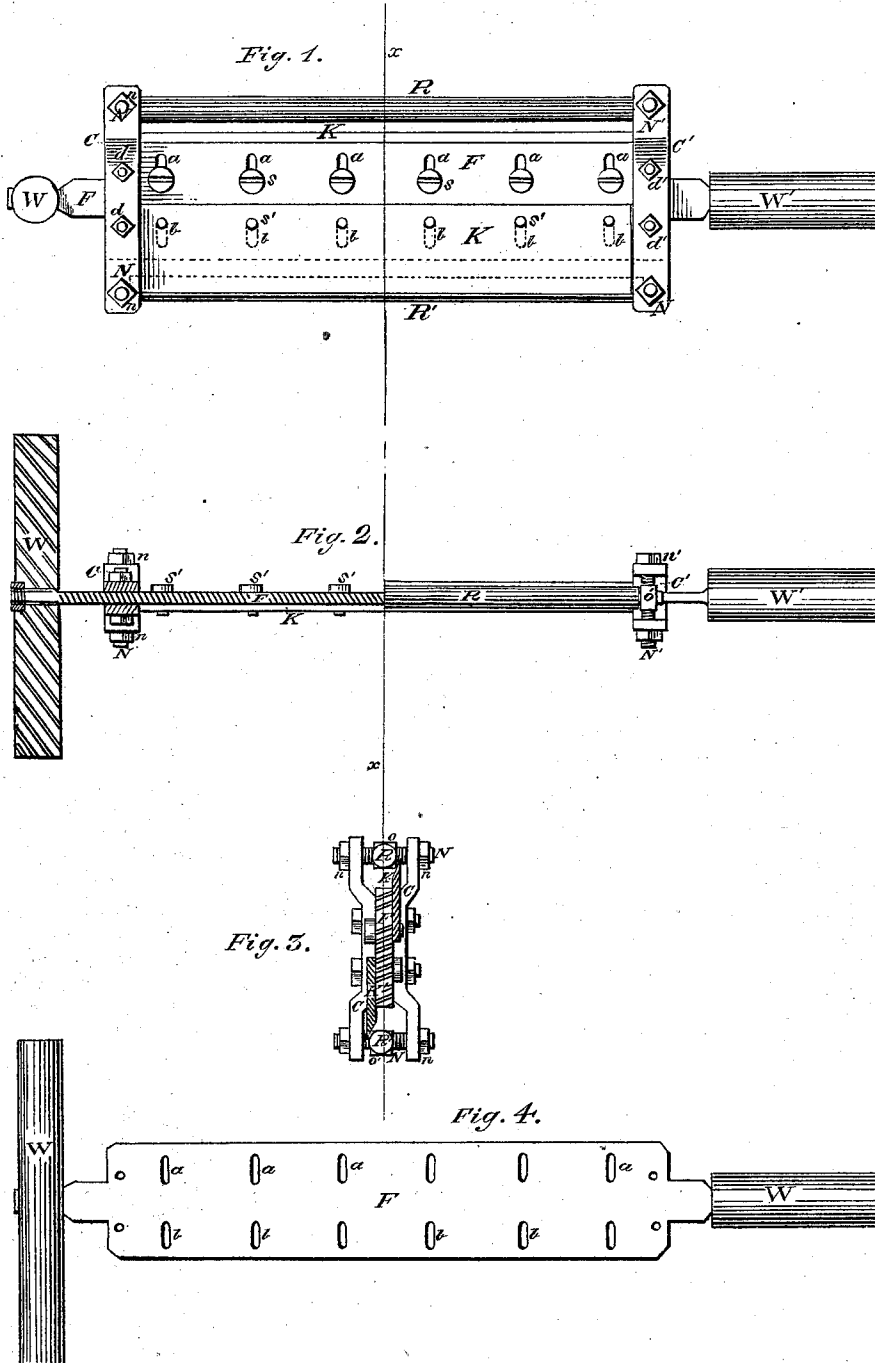


A. H. BESCHORMANN.

Leather-Shavers.

No. 149,563.

Patented April 14, 1874.



Witnesses,
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UNITED STATES PATENT OFFICE.

AUGUST H. BESCHORMANN, OF SAN FRANCISCO, CALIFORNIA.

IMPROVEMENT IN LEATHER-SHAVERS.

Specification forming part of Letters Patent No. **149,563**, dated April 14, 1874; application filed October 27, 1873.

To all whom it may concern:

Be it known that I, AUGUST HENRY BESCHORMANN, of the city and county of San Francisco, State of California, have invented an Improved Leather-Shaver or Currying-Knife, of which the following is a specification:

My invention relates to a leather-shaver or currying-knife, consisting of a metallic frame fitted with handles, adjustable knives, guide-rollers, clamps and their attachments, so arranged that, by slots provided in this frame, these knives may be adjusted to required positions by set-screws, and the guide-rollers be so set, near the edges of these knives, by means of screw attachments to these clamps, also fitted to this frame, that the thickness of the leather-shavings to be pared off may be regulated at will, and thus an easier and more perfect method of dressing leather insured.

Figure 1 is a longitudinal view of the leather-shaver or currying-knife embodying my invention. Fig. 2 is a plan of Fig. 1, with left-hand half in section. Fig. 3 is a vertical transverse section of the leather-shaver embodying my invention through the line *xx*. Fig. 4 is a longitudinal view of the frame forming part of the leather-shaver embodying my invention.

This currying-tool is intended solely for hand use, and consists of the following parts:

F is the metallic frame, to the ends of which wooden handles W W' are attached, after the manner usually adopted in this kind of tool. *a a a b b b* are slots provided in this frame F for the proper adjustment of the top and bottom knives K K', by the set-screws S S' S', to the required positions. These knives are made straight for the side exposed to the leather to be cut, and beveled off on the side adjoining the rollers. On both sides of the frame F, near the handles W W', bent metallic clamps C C' C' C' are fixed by means of screws *d d'*, for the purpose of holding between them the regulating or adjusting screws N N' N' N'. These screws N N' are square-shaped about the center of their lengths, between the clamps C C' C' C', so as to serve as bearings, O O' O' O', for the guide-rollers R R', and, by the requisite adjustment on these screws of nuts *nn n' n'*, these rollers may be removed or brought closer to the edges of the top and bottom knives K K'—the roller R to the knife K, and roller R'

to the knife K'—and thus be made to leave a larger or smaller space between them and the paring-knife edges, according to the thickness of the shavings required to be cut from the leather hides on which such tool may be used.

A workman, in using this leather-shaver in place of a currying-tool, takes the handle W' in his right hand, and the handle W in his left, and presses forward onto the leather to be shaved in the usual manner, and by the general arrangement of the several parts the following advantages may be claimed: First, the paring of leather hides is much facilitated, and ordinary labor can be made to replace that of skilled workmanship, by reason of these guide-rollers limiting the depth of the cutting of the paring-knives, and thus insuring an easier and more perfect dressing; secondly, the knives being straight on the side exposed to the material to be cut they need not be displaced for the purpose of sharpening, when blunted or burred during their passage over salt or other foreign matter used in the preparation of hides, but can have an edge replaced by a small stone rubbed over their surfaces; thirdly, the rollers serve to squeeze and press the leather to these knife-edges so as to insure a true cut the whole time, and one set composed of knife and roller may be used for cutting coarse shavings, and the other set for fine finishing work, and thus such a tool, properly prepared, may be used to commence and finish a hide-dressing without loss of time for re-adjustment of the several parts or changing the knives; fourthly, for furriers it is safer than the old currying-tool, in not requiring so much force to be employed on elastic skins, and therefore the skins will stretch less.

I claim as my invention—

The combination of the frame F, provided with slots *a a a b b b* and set-screws *s s' s'*, for adjustment of the paring-knives K K', with the adjustable clamps C C' C' C' and regulating-screws N N', fitted with guide-rollers R R', for setting the depth of the cutting of these knives K K', substantially as and for the purpose hereinbefore set forth.

AUGUST HENRY BESCHORMANN.

Witnesses:

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