

J. S. JACOBSON.
SKIN SHAVING MACHINE.
APPLICATION FILED DEC. 20, 1912.

1,058,979.

Patented Apr. 15, 1913.

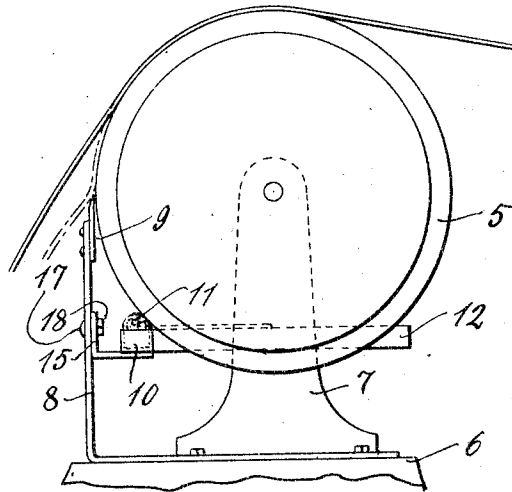


Fig. 1.

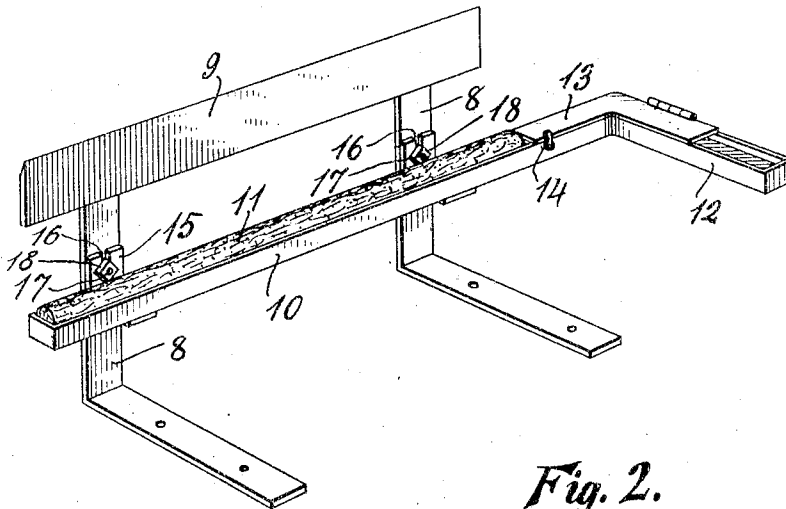


Fig. 2.

WITNESSES:

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SKIN-SHAVING MACHINE.

1,058,979.

Specification of Letters Patent.

Patented Apr. 15, 1913.

Application filed December 20, 1912. Serial No. 737,869.

To all whom it may concern:

Be it known that I, JOHN S. JACOBSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Skin-Shaving Machines, of which the following is a specification.

This invention relates to machines for removing the flesh from skins or hides, and more particularly to the feed roller which carries the skins or hides to the shaving knife. Such feed rollers, when in use, become more or less sticky so that the skins or hides adhere thereto and are apt to be carried entirely around the roller, and it is to overcome this objection that the present invention has been devised.

The invention comprises a novel and improved device for applying a lubricant to the surface of the roller, whereby the skins or hides are effectually prevented from sticking thereon. A scraper is also provided which positively separates the skins and hides from the roller if they should happen to stick even after the roller is lubricated.

In order that the invention may be better understood, reference is had to the accompanying drawing, in which—

Figure 1 is an end view of the feed roller showing the invention applied thereto. Fig. 2 is a perspective view of the device removed from the roller.

Referring specifically to the drawing, 5 denotes the feed roller of a skin shaving machine, which roller carries the skins or hides to the shaving knife, the latter not being shown as it forms no part of the present invention. To a base 6, which may also support the bearings 7 of the feed roller 5, are secured two angular bracket arms 8 which are spaced apart in the directions of the length of the feed roller. The bracket arms have upstanding branches which are located behind the feed roller, and said branches carry a scraper blade 9 at their upper ends which is located at or about the same level as the horizontal center of the roller. The blade extends parallel to the roller with its edge in close proximity thereto so as to scrape off any skins or hides which might adhere to the roller.

Behind the feed roller 5, below the scraper blade 9, is located an open pan 10 containing a swab 11 which projects from the pan

and is in contact with the surface of the roller. The pan contains a lubricant which is absorbed by the swab and applied thereby to the surface of the roller, the swab lightly touching the latter. The pan is elongated and extends parallel to the roller, and the swab extends throughout the entire length of the latter so that the lubricant is applied to all parts of the roller surface. One end of the pan 10 has a lateral extension 12 which is located adjacent to the corresponding end of the roller 5 and spaced therefrom. At the angle of the main portion of the pan 10 and the extension 12 is a hinged cover 13 having a suitable fastener 14. The outer end of the extension is left open to facilitate filling of the pan, the lubricant being poured into said open portion of the extension. The pan 10 is square in cross-section which renders the swab 11 accessible in its full length, the lubricant working through in the corners.

The following means are provided for supporting the pan 10: To the pan are secured brackets having upstanding portions 15 provided with vertical slots 16. These brackets are bolted to the upstanding portions of the bracket arms 8, the fastening bolts 17 passing through the latter and through the slots 16 and being provided with securing nuts 18. The slots 16 permit vertical adjustment of the pan and thus enable the latter to be adjusted relative to the roller 5 to bring the swab 11 in proper position with respect to the roller.

The lubricant applied to the roller 5 prevents the skins or hides from sticking thereon, and if the lubricant should become scant and fail to prevent sticking of the skins or hides, they will be separated from the roller by the blade 9.

The device herein described is simple in construction, efficient in operation, and it can be easily applied to the roller, no change in the mounting thereof being necessary. By providing the pan with the extension 12 and leaving a portion of the same open the pan is rendered readily accessible for the purpose of filling the pan, and this can be done without removing the swab.

I claim:

1. The combination with a feed roller, of a longitudinal lubricant pan extending parallel thereto and containing a swab which is in contact with the surface of the roller,

said pan having a lateral extension at one end spaced from the corresponding end of the roller and provided with a filler opening.

2. The combination with a feed roller, of
5 a longitudinal lubricant pan extending parallel thereto and containing a swab which is in contact with the surface of the roller, and means for adjusting the pan toward and from the roller.

10 3. The combination with a feed roller, of a longitudinal lubricant pan extending parallel thereto and containing a swab which is in contact with the surface of the roller.
15 a support for the pan, slotted bracket arms extending from the pan, and fastening

means passing through the support and the slots of the bracket arm.

4. The combination with a feed roller, of a longitudinal lubricant pan extending parallel thereto and containing a swab which is in contact with the surface of the roller, and a longitudinal scraper blade extending parallel to the roller in close proximity thereto above the swab.

In testimony whereof I affix my signature
in presence of two witnesses.

JOHN S. JACOBSON.

Witnesses:

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