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Lippincott et al.

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(54) **TANNING HIDES**

(76) Inventors: **John Lippincott; John Hillyer**

John Lippincott & John Hillyer

of the County of Philadelphia. Pennsylvania

Letters Patent,

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said John Lippincott & John Hillyer themselves of their improvement in the process of Tanning Hides

To all to whom these presents shall come

Be it known that we John Lippincott & John Hillyer, both of the County of Philadelphia and the State of Pennsylvania Tanners and Curriers have invented or discovered a new and useful improvement in Tanning Hides for Chaise or Gig Tops, Saddle and Harness Leather &c, and that the following is a full and exact description of the same as invented or discovered by us, To Wit

The hides after they have passed through the process necessary to prepare them for the application of bark or liquor impregnated with tannin, (tanin) are sewed up so as to form bags or sacks, and filled with bark, or bark liquor after bags or sacks formed from the hides to be tanned, are thus filled they are entirely closed up and thrown one upon another into bark liquor in a vat in such manner that their weight or other pressure (which may be added if required) shall tend to force the contents out through the pores of the hide by which means the tanning matter is forced into the body of the hides and incorporated therewith thereby facilitating the change from untanned hide to leather. To keep up the operation the bags or sacks formed as aforesaid, of the hides that are undergoing the process of being tanned, are frequently refilled or replenished to supply the place of the liquor

which may have leached or oozed out and their position is also changed that the different parts thereof may be equally acted upon. When the hides shall have been sufficiently impregnated with the Tannin-matter (which will be in a short time) they will be stripped open and cutted of their carcass, and finished in the usual manner,

The principle objects intended to be attained by the hereinbefore described improvements are to force the tannin-matter into the hides and thereby expedite the process of converting hides to leather by which the necessity of keeping them in the bark or tannin for a great length of time is obviated and the saving of bark as by the above described process there is little or no loss of material and also the saving of labour, The part believed to be new and claimed as an invention or improvement is the plan of tanning hides for the purposes before mentioned by forming them into bags or sacks to contain the tannin matter, and applying pressure to force the tannin into the body of the hides as herein before mentioned,

And it is believed that a process somewhat similar to the above has been adopted by others in tanning the skins of goats and other small animals the inventors lay no claim to tanning skins on the foregoing plan - but confine their claim to such only as are usually termed hides

Witnesses
David B. Lee
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John Lippincott
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