

W. Panton,
Preparing Hides,
N^o 61,560. *Patented Jan. 29, 1867.*

Fig: 1.

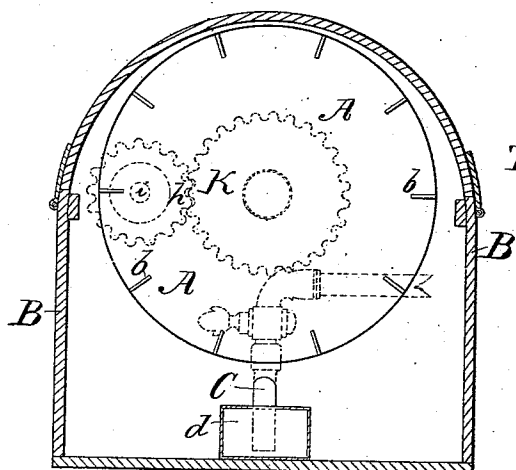


Fig: 2.

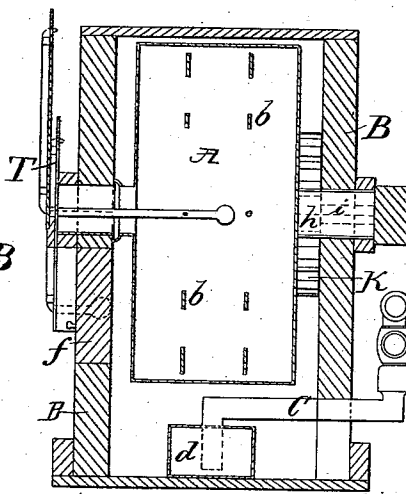
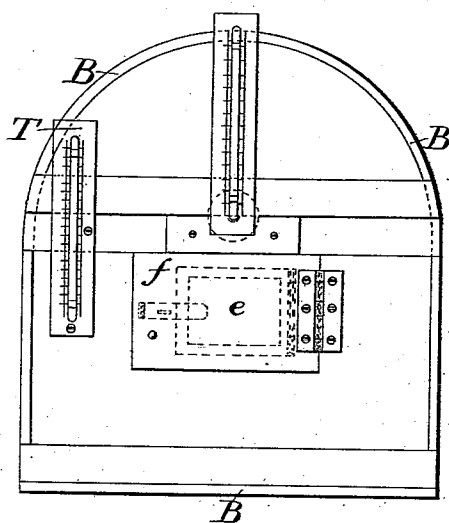


Fig: 3.



Witnesses;
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WILLIAM PANTON, OF QUINCY, MASSACHUSETTS.

Letters Patent No. 61,560, dated January 29, 1867.

IMPROVEMENT IN STUFFING HIDES AND SKINS.

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

TO ALL PERSONS TO WHOM THESE PRESENTS SHALL COME:

Be it known that I, WILLIAM PANTON, of Quincy, in the county of Norfolk, and State of Massachusetts, have invented a new and useful Machine for Stuffing Hides or Skins; and do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a longitudinal section.

Figure 2, a transverse section; and

Figure 3, a side elevation of the said machine.

The machine in common use for stuffing hides with grease or oil consists of a peg-lined hollow cylinder or drum, provided with a means of introducing steam within it. In carrying out my invention I employ such a drum, shown at A in the drawings, but, instead of introducing steam into the cylinder, and upon the grease therein, I surround such cylinder by a case or box, B, for reception of the steam, and to enable the steam to heat the drum externally. In this case the rotary drum may be made of metal and its case B be formed of wood.

In the drawings, *a* denotes the shape of the drum; *b b b*, its pegs or arms projecting inward from its inner periphery. The induction pipe for supplying steam to the drum is shown at *c*, as opening into a small cistern, *d*, arranged within the case B, and underneath the drum. *T* is a thermometer, for determining the degree of heat within the case. A pinion, *h*, fixed on a driving-shaft, *i*, supported by the case, engages with a gear, *k*, fixed to the side of the drum, the same serving to put the drum in revolution when the said shaft is in rotation. There should be applied to openings in the two contiguous sides of the drum and its case, doors *e f*, the object of such openings being to enable the hides and grease to be introduced into the drum or the hides to be removed therefrom, as circumstances may require.

It has been found, when steam is let into a drum with the hides and grease therein, that by penetrating the hides it will cause them to resist the entrance of the grease, but when the drum is heated by the steam applied to it externally the hides and grease will be duly heated, and the grease will enter the hides to much better advantage. In fact, the operation of stuffing the hides can be carried on in much less time, and there will be very much less water in the hides to be subsequently separated from them.

What, therefore, I claim as my invention, is—

The hide-stuffing machine, as composed of the cylinder A, and the steam case or box B, made and arranged substantially in manner and so as to operate as and for the purpose stated.

WILLIAM PANTON.

Witnesses:

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