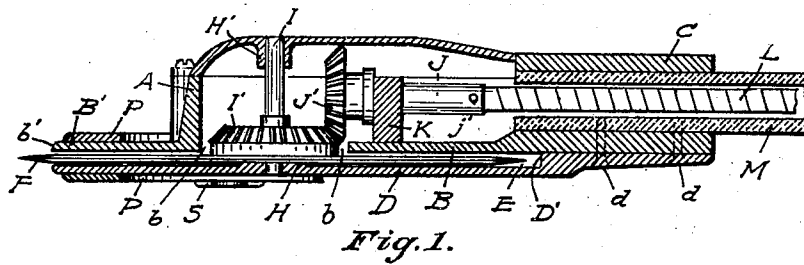
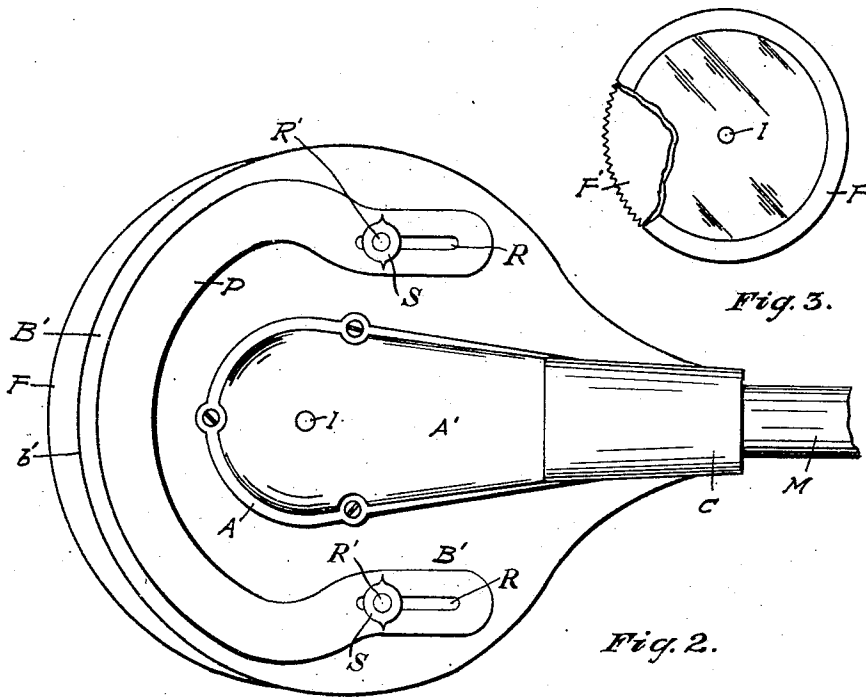


J. LANCE, J. C. FLOWERS & G. LANCE.
MACHINE FOR SKINNING AND SPLITTING CATTLE AND SCRIBING HOGS.
APPLICATION FILED SEPT. 7, 1909.

977,317.

Patented Nov. 29, 1910.



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JOSEPH LANCE, JOHN CALVIN FLOWERS, AND GEORGE LANCE, OF ST. JOSEPH,
MISSOURI.

MACHINE FOR SKINNING AND SPLITTING CATTLE AND SCRIBING HOGS.

977,317.

Specification of Letters Patent.

Patented Nov. 29, 1910.

Application filed September 7, 1909. Serial No. 516,401.

To all whom it may concern:

Be it known that we, JOSEPH LANCE, JOHN CALVIN FLOWERS, and GEORGE LANCE, citizens of the United States, residing at St. Joseph, in the county of Buchanan and State of Missouri, have invented certain new and useful Improvements in Machines for Skinning and Splitting Cattle and Scribing Hogs, of which the following is a specification.

The purpose of our invention is to provide a device especially suited for skinning or splitting cattle, or both, and for scribing hogs and that is particularly adapted for use in packing plants.

We accomplish our object by the mechanism illustrated in the accompanying drawings, in which,—

Figure 1 is a longitudinal sectional view of the device; Fig. 2 is a plan view of the same and Fig. 3 is a top view broken away showing a saw instead of a blade.

Similar letters refer to similar parts in the several views.

A is the box of the device and A' the lid thereof. The bottom B of said box is provided with a circular opening *b*. A circular flange B' extends around the sides and front of said box. The top edge *b'* of said flange is beveled.

C is a stem, serving as a handle, integral with the box.

A lower flat metal piece D corresponding in shape and size to the extended flange B' of the box is provided with an upwardly projecting flange D' which extends forward part way around on each side. This lower flat metal piece is rigidly connected with the bottom of the stem by means of screws *d d* and the flange of the bottom of the box is seated on said upwardly projecting flange D' forming a low chamber E between the bottom of the box and said lower flat metal piece, in which chamber a circular blade F or saw F' may operate. The center of said lower metal piece D is provided with a bearing H and lid A' is provided with a corresponding bearing H'. These bearings support the lower and upper ends of a vertical axle I which axle carries a rigidly attached drive wheel I' which operates in said circular opening *b*. At the bottom of said wheel the circular blade or saw is attached by means of screws to permit the attachment of blade or saw as may be needed. A horizon-

tal axle J carries a rigidly fastened pinion wheel J' which engages with and operates said drive wheel. Said horizontal axle is held in place by a solid boxing K through which it passes. The outer end of said horizontal axle is provided with a perforation *j* to which a flexible shaft L, or other suitable means for operating the machine may be attached. If a flexible shaft is used we preferably carry the same into hollow stem C of the device through a rubber hose M as illustrated in Fig. 1.

P is a semi-circular gage seated on flange B'. R R are slots in said gage and R' R' are dial pins integral with flange B' threaded at the top with which taps S S engage to regulate the forward or rearward position of said gage to the size of the animal being skinned, split or scribed.

What we claim and desire to secure by Letters Patent, is,—

1. A device of the kind herein described comprising a circular box provided with an elevated detachable lid and a circular opening at the bottom, a flange at the bottom of the front and sides of said box, a hollow stem on said box serving as a handle, a metal piece corresponding in size and shape with said flange and rigidly connected with the bottom of said stem, an upwardly projected flange extending part way around the rear of said metal piece, said bottom of the box, metal piece and flanges forming a low chamber, a bearing on the bottom of said metal piece and a bearing vertically above on the inside of the box lid, a vertical axle supported in said bearings, a horizontal drive wheel on the lower end of said axle operating in said circular opening, a circular blade the entire part of its upper face secured to the bottom face of said drive wheel, a vertically operating pinion wheel engaging said drive wheel and a horizontal axle carrying said pinion wheel its outer end having engagement with means for operating said machine through said hollow handle, a semi-circular gage seated on the flange at the bottom of the front and sides of said box, said gage being provided with duplicate elongated slots in the opposite ends thereof, the dial pins integral with the top of the flange at the bottom of the front and sides of the box their upper ends threaded and the taps engaging said threaded ends to regulate the position of said gage to the size

of the animal being skinned, split, or scribed, substantially as shown and set forth.

2. The combination in a cattle skinning,
5 splitting, and hog scribing device with a circular box, a semi-circular flange at the bottom of the front and sides of the base thereof, a circular blade beneath said box and means to rotate said blade horizontally,
10 of a semi-circular gage seated adjustably on said flange and provided with elongated slots near the ends thereof, dial pins their lower ends integral with the top of said flange and their upper ends threaded, and

the taps to engage with the threaded ends 15 of said dial pins to hold said gage to the position to which adjusted to the size of the animal being skinned, split, or scribed, substantially as described.

In testimony whereof we affix our signatures in presence of two witnesses. 20

JOSEPH LANCE.

JOHN CALVIN FLOWERS.

GEORGE LANCE.

Witnesses:

EDW. W. SCHUMAN,

H. L. PUTMAN.