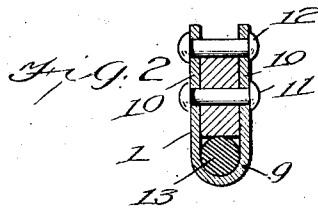
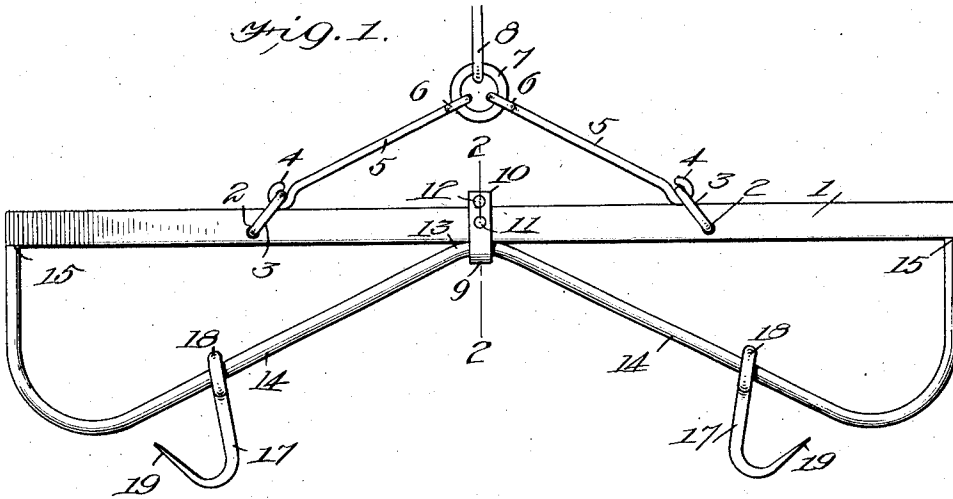


J. L. JARVIS.
GAMBREL.

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1,025,806.

Patented May 7, 1912.



WITNESSES
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JUDGE L. JARVIS, OF UNITY, WISCONSIN.

GAMBREL.

1,025,806.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JUDGE L. JARVIS, a citizen of Unity, county of Marathon, and State of Wisconsin, have invented certain new and useful Improvements in Gambrels, of which the following is a specification.

My invention is an improvement in gambrels, and has for its object the provision of a simple, inexpensive device of the character specified by means of which the carcass of an animal may be suspended in such position that the division of the same is facilitated by its own weight.

In the drawings: Figure 1 is a front elevation of the improvement; and, Fig. 2 is a section on the line 2—2 of Fig. 1.

The present embodiment of the invention comprises a bar 1 of wood, iron, steel or like suitable material, substantially rectangular in cross section, and of sufficient length for the purpose. The bar is provided with openings 2, one on each side of its center, and a ring 3 is engaged with each opening.

Each of the rings 3 is engaged by a hook or loop 4 on one end of a link 5, and each link is provided with a similar hook or loop 6 at the opposite end. The hooks or loops of the links engage a common ring 7, and the said ring 7 is adapted for engagement with the hook 8 of a block and tackle or other support, for suspending the bar.

The ring 7 is directly above the central point of the bar, so that the bar is balanced, when suspended, and the links 5 are inclined inwardly from the rings 2. A stirrup or hanger is arranged at the center of the bar, the body 9 of the hanger being downward, and the arms 10 extending upwardly on each side of the bar, and rivets 11 and 12 are passed through the said arms, for securing the hanger to the bar.

The rivet 11 is passed through the bar 1, and the rivet 12 is above the bar, and both rivets are headed, to hold the hanger tightly in place on the bar. This arrangement of the rivets does not weaken the bar, while at the same time the hanger is held with as much strength as if the rivets were both passed through the bar. The body of the hanger is spaced apart from the lower edge of the bar, so that a space or opening is left between the body and the bar (Fig. 2).

The central portion 13 of a rod passes through the opening between the hanger

body and the bar, and the rod is clamped closely to the bar by the hanger. The ends of the bar are inclined downwardly and outwardly from the hanger, as shown at 14, to a point near the ends of the bar and are then bent directly upward, as shown at 15, and are connected to the ends of the bar in any suitable manner.

A hook 17 is connected slidably with the rod, on each side of the hanger, and each hook is provided with an eye 18 for engaging the rod. The bills 19 of the hooks are turned outwardly in opposite directions, and the said hooks are adapted to engage the legs of the animal, between the large tendon of the hind leg and the bone.

In the use of the device, the animal is suspended as described above, one leg being engaged with each hook. An incision is then made between the legs at the proper point, and the cut is continued downwardly. The hooks 17 are, as before stated slidable on the inclined portions of the rod, and as the cut lengthens, the hooks slide away from each other downwardly, and assist thus in the separation of the body.

The device is in effect a bar having means for suspending the same, and provided with guide rails, that is the portions 14, inclining downwardly and outwardly from the center of the bar, so that the weight of the carcass assists in its division. When the carcass has been entirely separated into two portions, the said two portions are at the opposite ends of the guide rails, and the continual movement of the hooks opens up the cut, so that it is extremely easy to properly divide the carcass. The portion 15 of each guide rail acts as a stop to limit the outward movement of the hook, as well as a support for the outer end of the rail.

I claim:

1. A device of the character specified, comprising a rigid bar, a hanger at the center of the bar and depending below the same, a rod having its central portion clamped to the bar by the hanger and inclining downwardly and outwardly on each side of the hanger, the ends of the rod being bent upward and secured to the ends of the bar, and a hook provided with an eye slidably mounted on the rod on each side of the hanger.

2. A device of the character specified,

comprising a rigid bar provided with means
for supporting the same, a rod below the
bar, means for clamping the central por-
tion of the rod to the bar, the rod inclining
5 downwardly and outwardly on each side of
the clamping means, the ends of the rod
being bent directly upward and connected

to the ends of the bar, and a hook slidable on
the rod on each side of the clamping means.

JUDGE L. JARVIS.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents
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