

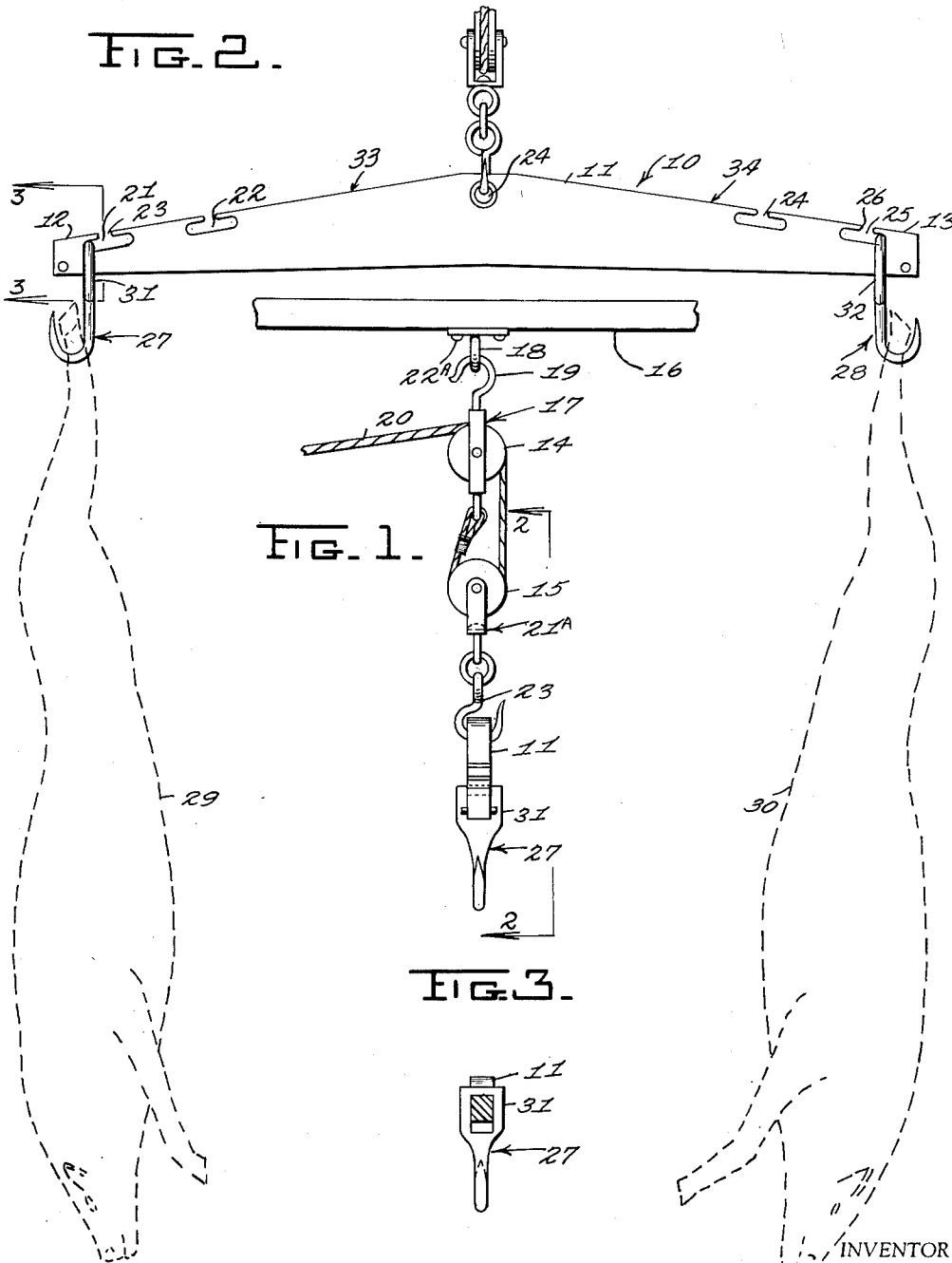
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BUTCHER'S GAMBREL

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FIG. 2.



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BUTCHER'S GAMBREL

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1 Claim. (Cl. 17—44.2)

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This invention relates to improvements in butchers' gambrels, and more particularly to a butcher's gambrel for safely and securely supporting thereon a number of animal carcasses of different weights, even though the gambrel be in an unbalanced or tilted position.

A further object of this invention is to provide a butcher's gambrel of the character described above which is simple in structure and easy to use.

Other objects of this invention will become apparent upon consulting the drawings in conjunction with the accompanying specification.

In the drawings:

Figure 1 is an end elevational view showing the butcher's gambrel of the present invention dependently supported from an overhead support;

Figure 2 is an elevational view taken on the line 2—2 of Figure 1;

Figure 3 is a sectional view taken along the line 3—3 of Figure 2.

Referring now more specifically to the drawings, wherein like reference numerals have been used throughout the several views to designate like parts, there is shown the butcher's gambrel of the present invention, generally indicated by the numeral 10. The gambrel 10 includes a hanger bar 11 which is pivotally suspended intermediate its ends 12, 13 from a support 16 by means of a fixed pulley 14. The upper edge of the hanger bar 11 declines downwardly toward the ends 12, 13 from a point substantially midway between the ends 12, 13 thereof, the declining edges being designated by the reference numerals 33, 34. The fixed pulley 14 is rotatably supported in a pulley frame 17. A movable pulley 15 is supported from the fixed pulley 14 by means of a pulley cord 20 which is fixedly secured to the frame 17 of the pulley 14 and looped over the movable pulley 15. The movable pulley 15 is rotatably supported in a pulley frame 21A. The fixed pulley 14 is dependently supported from the support 16 by means of a hook 19 which is carried by the pulley frame 17, the hook 19 being received within an eye 18 fixedly secured to the support 16 by means of bolts, as indicated at 22A. Dependently supported from the pulley frame 21 is a hook 23, the hook 23 being received within an aperture 24 provided substantially midway between the ends 12, 13 of the hanger bar 11. Accordingly, by exerting force on the pulley cord 20, movable pulley 15 may be raised or lowered with respect to the support 16, to thereby vertically position

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the hanger bar 11 of the butcher's gambrel 10 of the present invention.

Extending transversely of the hanger bar 11 and opening through the sides of the bar adjacent the end 12 thereof is a first pair of slots 21, 22. The slots 21 and 22 are arranged inwardly from the end 12 and are spaced from each other along the bar 11. Each of the slots 21, 22 is provided with a narrow opening 23 located intermediate the ends of the slot and extending crosswise of the bar through the top of the bar and opening into the top of the slot, for insertion in and withdrawal from the slots of gaff hooks 27. A second similar pair of slots 24, 25 is provided adjacent to the end 13 of the bar 11. As shown in Figure 2, the bottoms of the slots 21, 22 and 24, 25 are parallel to the declining upper edges 33, 34, respectively, of the bar 11, so that when the bar 11 is in a level horizontal position, the bottoms of the pairs of slots decline in opposite longitudinally outward directions.

As is clearly shown in Figure 2, a gaff hook 27 is supportably engaged within the slot 21 and the gaff hook 28 is supportably engaged within the slot 25. The gaff hooks 27, 28 each support an animal carcass 29, 30, respectively, said carcasses being shown in dotted lines. The gaff hooks 27 and 28 include rectangular eyes 31, 32, respectively whose upper cross bars 35 are insertable through the narrow openings 23, 26 of the desired ones of the slots 21, 22 or 24, 25. As clearly shown in Figure 1, the gaff hook 27 is slidably supported in the slot 21 and the gaff hook 28 is slidably supported in the slot 25. Accordingly, the gaff hooks 27, 28 will slide to the ends of the slots 21, 25, toward which the bar 11 is tilted by differences in weight of carcasses 29, 30 supported on the hooks 27 and 28. This slidable arrangement of the gaff hooks 27, 28 within the slots 21, 25 allows the butcher to hang carcasses of different weights on the gaff hooks without danger of the gaff hooks falling out of their slots when the hanger arm 11 is tilted due to an unbalanced condition thereof.

Although one embodiment of the invention has been described, numerous modifications may be made without departing from the spirit of the following claim.

What I claim is:

In a butcher's gambrel, a normally horizontal hanger bar adapted to be pivotally suspended at a point intermediate the ends thereof, said bar having an upper edge formed with oppositely declining edge portions extending between said inter-

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mediate point and the ends of the bar, said bar being formed with slots adjacent the ends thereof extending transversely across the bar and opening through the opposite sides of the bar, said slots extending lengthwise of the bar and parallel to the declining upper edge portions of the bar, and gaff hooks having cross bars positioned in the slots and slidably resting in the slots, said cross bars being narrower than the lengths of the slots whereby the gaff hooks are free to slide 10 gravitationally toward either end of the slots when the hanger bar is in a tilted position, said slots being spaced from the upper and lower edges of the bar, the bar being formed with transversely elongated relatively narrow openings positioned intermediate the ends of and opening downwardly into the slots through which

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the cross bars of the gaff hooks can be inserted and removed.

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