

(No Model.)

W. G. REED.
DEVICE FOR SUSPENDING HOGS.

No. 308,797.

Patented Dec. 2, 1884.

Fig. 2.

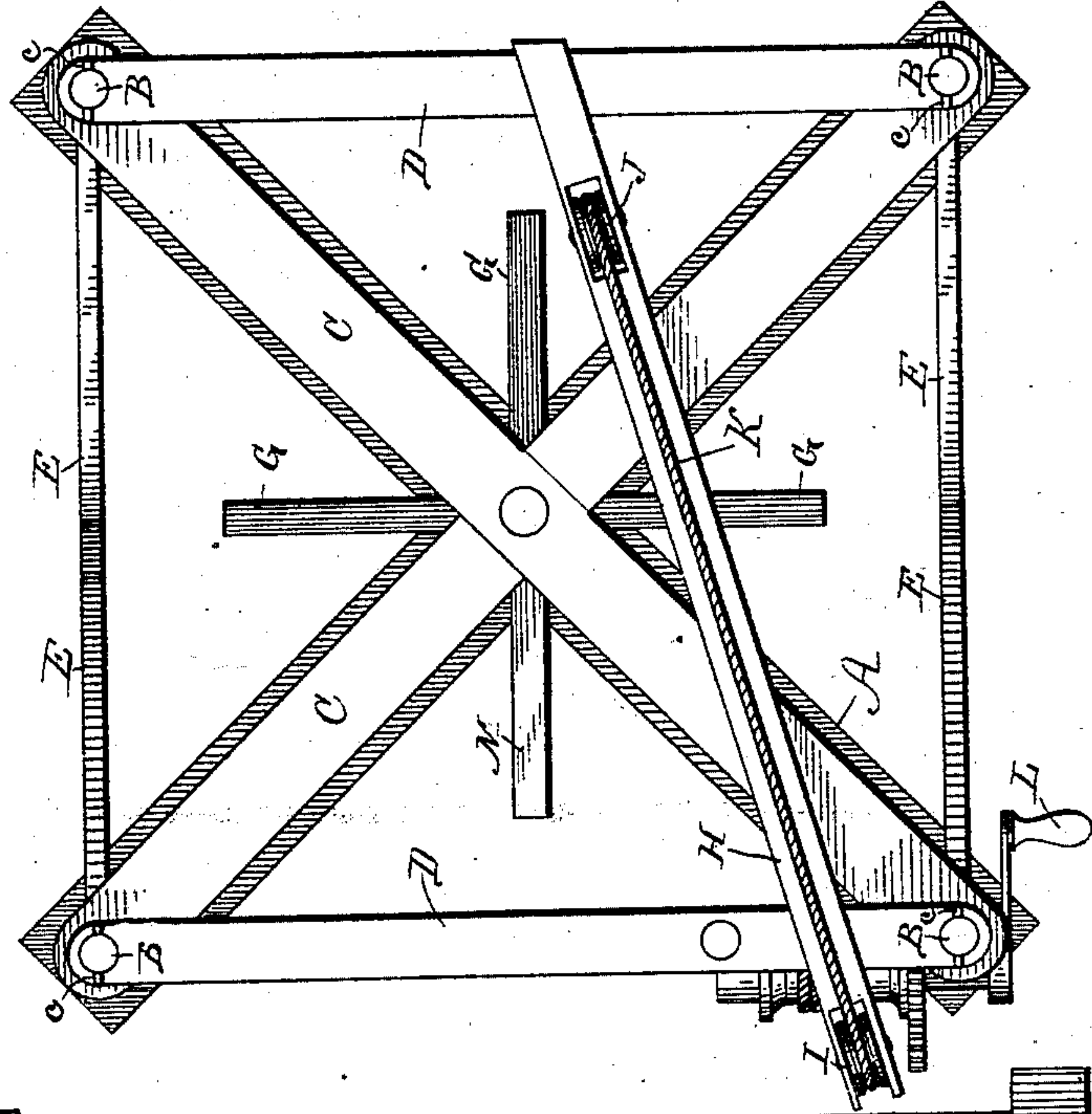
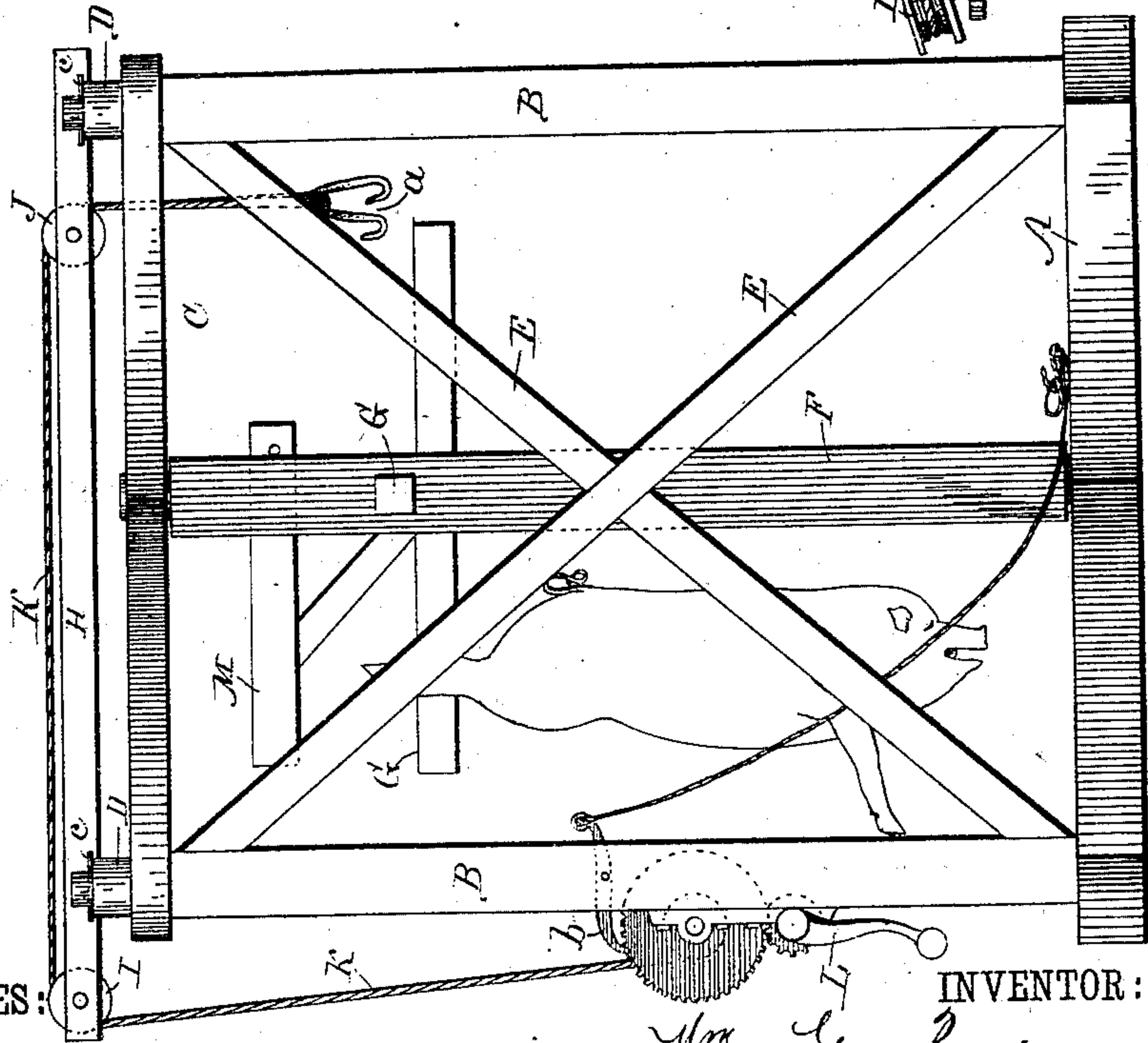


Fig. 1.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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DEVICE FOR SUSPENDING HOGS.

SPECIFICATION forming part of Letters Patent No. 308,797, dated December 2, 1884.

Application filed April 8, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM G. REED, a citizen of the United States, residing at Avon, in the county of Hendricks and State of Indiana, have invented certain new and useful Improvements in Devices for Suspending Hogs, of which the following is a description.

The object of this invention is to take hogs from the scalding-tub or the bristling-table and hang them up for the removal of the entrails and to cool off. It is intended, especially, for use on farms and by country butchers doing a small business; and the invention consists in the construction and combination of parts forming a hog-hanger, hereinafter described and claimed, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation of my invention, and Fig. 2 is a plan view of the same.

A represents the base of the frame, consisting of two pieces of timber gained together in the form of a cross, and provided with a central hole and four corner holes.

B represents four corner posts fitted into the said corner holes, and fitted at their tops to receive the top cross-timbers, C, in which there are similar corner holes and a similar central hole to those in the base A.

D represents two cross-ties provided with holes to register with the holes in the top cross-timbers, C, to receive the extended tops of the posts B and to serve as stiffeners to the whole frame.

E represents crossing side braces tenoned in the corner posts.

F is a turn-post provided with journals to revolve in the central holes of the upper and lower crosses of the frame.

G represents two cross-bars fitted to be driven closely yet removably through holes in the turn-post. These bars G are to hang the hogs on.

H is a beam gained onto the cross-ties D, to support two pulleys, I and J, journaled therein, over which pulleys the rope K is drawn by a geared winch, L. The rope is provided with a double hook, a, to receive the gambrel upon which the hog is to be hung.

In operation the hook is placed around the gambrel of a hog, either in the scalding-tub or on the bristling-table. Then the winch is worked until the gambrel is elevated higher than the cross-bar G, on which the hog is to

hang. Then the post F may be turned a little to bring the end of the said cross-bar directly under the center of the gambrel. Then the winch is allowed to turn back, leaving the hog hanging on the cross-bar. Now the turn-post may be revolved to bring the hog to the opposite side of the frame, to be cleaned of its entrails.

By using a detent, b, in the teeth of the winch, to retain the hook at any height desired, the hog may be partly suspended in the scalding-tub, thereby enabling one man to handle a heavy hog easily, while without any support for the hog it was a hard and dirty job for two men.

M is another cross-bar, placed higher in post F, on which a beef may be hung.

c represents pins for securing the tenons in the mortises or holes in the timbers. By removing eight of these pins the whole frame is loosened, ready to be separated and packed close, like plain lumber, in a wagon for transportation, or for storage under shelter when not in use.

The whole mechanism has been designed to be easily constructed and used on the frontier, or on farms where tools, bolts, and screws are not always to be had.

I am aware that a rope windlass and pulleys are not new as means for lifting butchered animals, and that a vertically-pivoted post with radial arms is not new as a support on which to hang butchered animals; and I do not claim the same, broadly, as my invention; but

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

The combination, with the base-timbers A, secured together in the form of a cross, the corner posts, B, secured thereon and provided with tenons at their top ends, the cross-timbers C, fitted upon said tenons, and the braces E, all secured together as a movable yet separable frame, of the post F, vertically journaled in the frame, and provided with the radial arms G and M, the windlass L, the rope K, and pulleys I and J, all mounted on the said frame, substantially as shown and described.

WILLIAM G. REED.

Witnesses:

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