

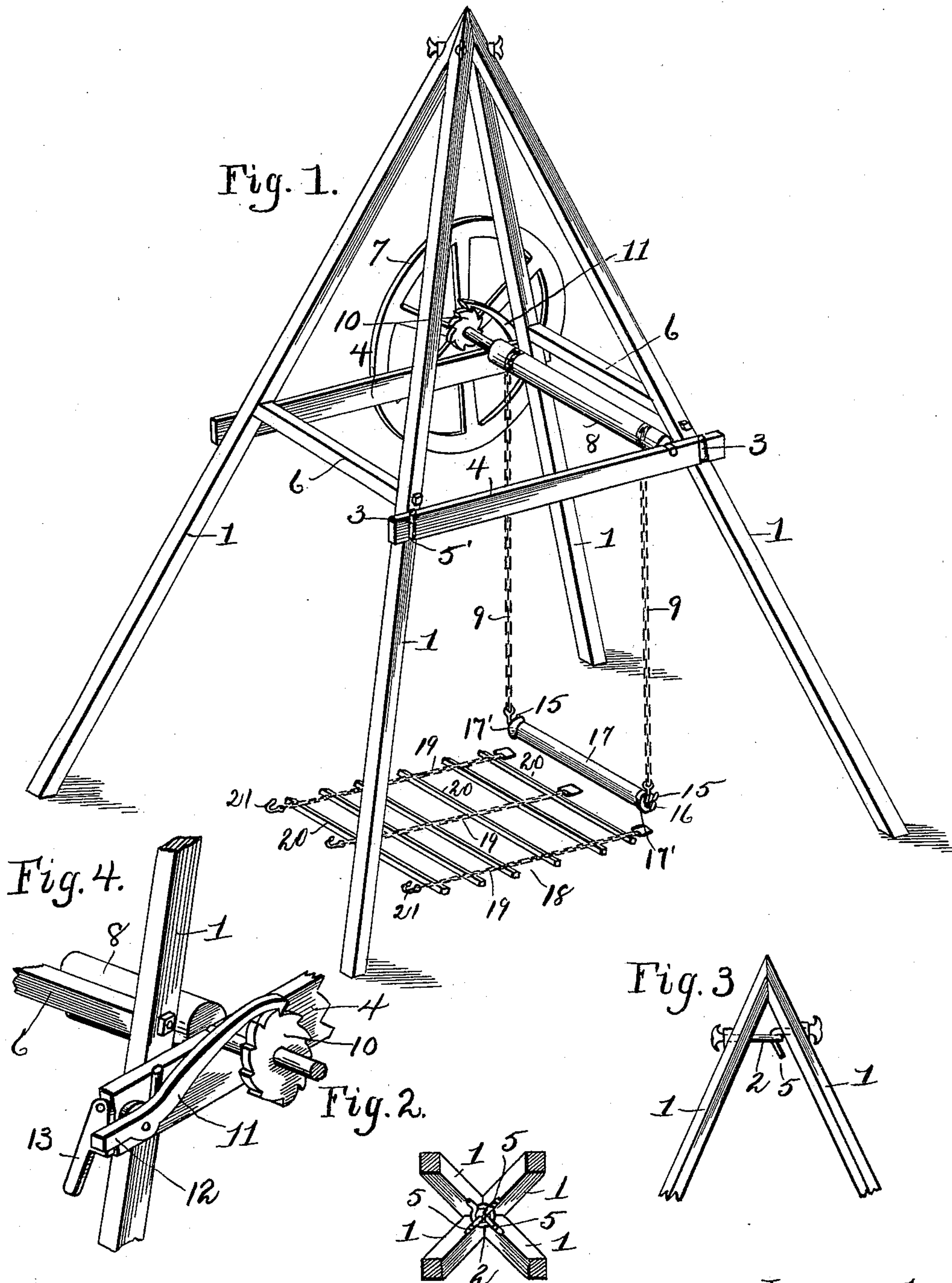
(No Model.)

2 Sheets—Sheet 1.

N. FEIDT.
BUTCHERING APPARATUS.

No. 582,908.

Patented May 18, 1897.



Witnesses:
Carroll J. Webster
Bessie Morgan.

Inventor:
Nathaniel Feidt.
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(No Model.)

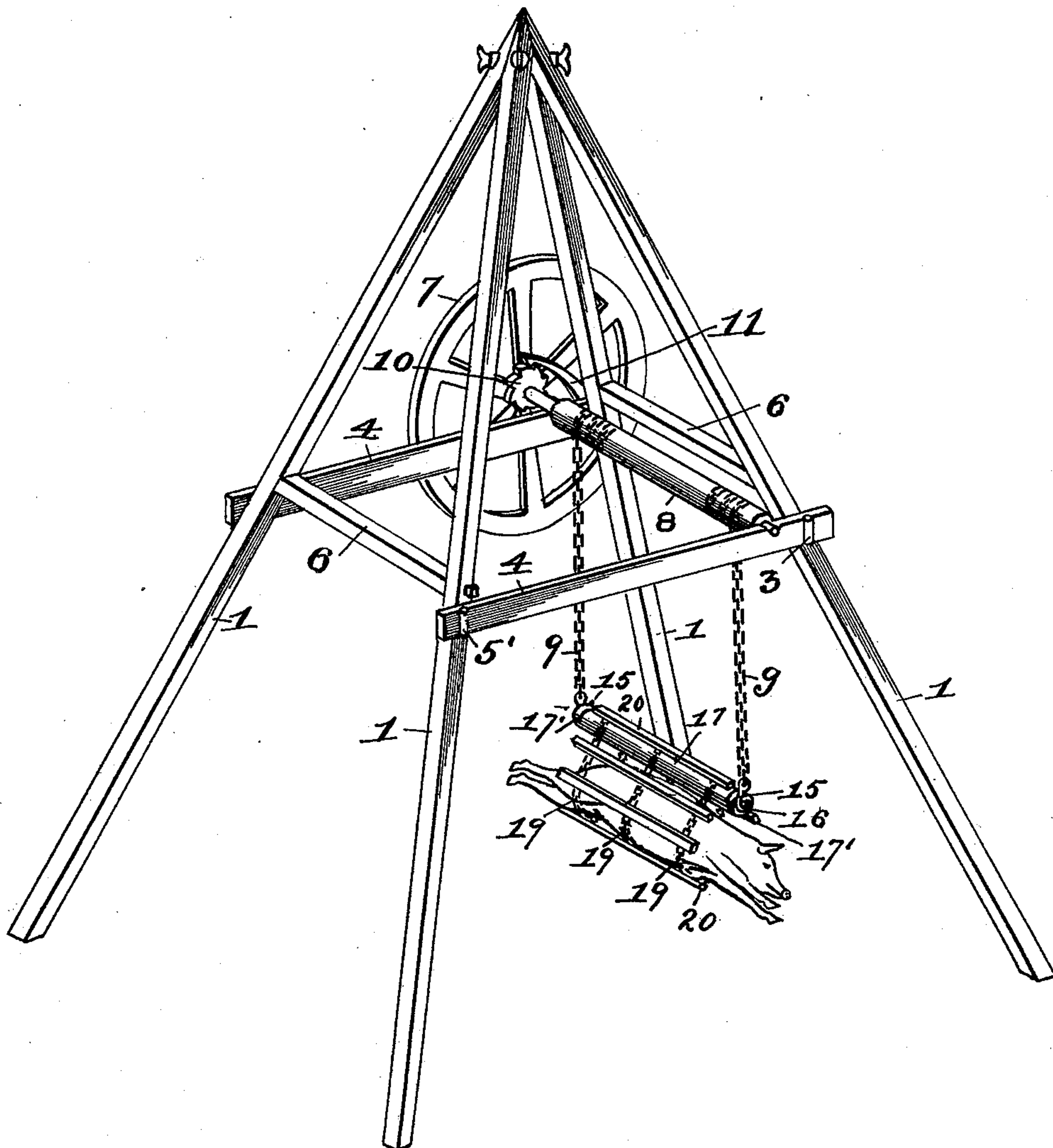
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Fig. 5.



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UNITED STATES PATENT OFFICE.

NATHANIEL FEIDT, OF ELIZABETHVILLE, PENNSYLVANIA.

BUTCHERING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 582,908, dated May 18, 1897.

Application filed January 21, 1897. Serial No. 620,119. (No model.)

To all whom it may concern:

Be it known that I, NATHANIEL FEIDT, a citizen of the United States, residing at Elizabethville, in the county of Dauphin and State of Pennsylvania, have invented certain new and useful Improvements in Butchering Apparatus; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention has relation to improvements in portable butchering apparatus; and the object is to provide a simple, inexpensive, and effective device of this class which may be readily taken apart for compact storage or transportation.

A further object is to do away with the manual lifting incidental to the ordinary methods employed by farmers and small butchers.

To this end the novelty consists in the construction, combination, and arrangement of the same, as will be hereinafter more fully described, and particularly pointed out in the claims.

In the accompanying drawings, which form a part of this specification, the same reference-characters indicate the same parts of the invention.

Figure 1 is a perspective view of my improved butchering device erected for operation, showing the sling in position to receive a slaughtered animal. Fig. 2 is a horizontal section of the contiguous ends of the standards, showing the manner of detachably securing them together. Fig. 3 is a detail view thereof. Fig. 4 is a detail of the ratchet and pawl, and Fig. 5 is a perspective view of the device as it appears in operation.

My invention consists of the converging standards 1, detachably secured together at their upper ends by means of the bolt-hooks 5, secured transversely in three of the said standards, the said bolt-hooks engaging with the eyebolt 2, similarly secured in the remaining standard. In the outer face of each of the standards, at a suitable distance from the lower ends thereof, are the upturned vertical hooks 3, so located as to support the horizontal brace 4 on opposite sides of the frame, the vertical notches 5' near the ends of said braces

receiving the shanks of the said hooks. The said frame is stayed in the opposite direction by means of the horizontal braces 6 6, which are suitably secured to the standards.

A windlass 8, journaled in the braces 4, carries the chain 9 9, in the lower ends of which is journaled the horizontal roller 17 by means of the headed journal-pins 16, resting in the hooks 15, the said roller being provided at each end with an annular shoulder 17', the purpose of which will be fully set forth hereinafter.

The windlass 8 is operated by means of the hand-wheel 7, keyed on the projecting end thereof, and is controlled by the ratchet 10 and pawl 11, the said pawl having the projecting shank 12, which engages with a shouldered pendent stop-piece 13, the said pawl and stop-piece being pivoted on the brace 4.

A flexible sling 18 is constructed of parallel slats 20, the said slats being suitably secured to and at right angles with parallel chains 19, as shown. I do not limit myself to the chains, as wire cable or any other material of suitable flexibility and strength may be substituted. The chains, however, I find most suitable, and I provide in the ends thereof suitable hooks 21.

The operation of my device is as follows: A slaughtered animal is placed on the sling 18. The ends of said sling are then brought together over the roller 17, and the hooks 21 are engaged with the links in the opposite ends of the chains. A continuous apron is thus formed, which works freely over the said roller, the annular shoulders 17' preventing the sling from moving longitudinally thereon, and by this means the animal can be readily turned in any desired position. In practice it will be found that this device is exceedingly advantageous in scalding hogs, as the animals can be quickly raised by the windlass, soused in the scalding-tank, and turned over and over therein at will by means of the revolving sling, and after the scalding process is finished can be raised by the windlass and suspended by gambrels on the braces 4 or 6.

Although I have described the precise construction of my invention, I do not desire to be confined to the same, as various modifications will readily suggest themselves to those

skilled in the art to which it appertains without departing from the spirit thereof.

Having thus fully described my invention, what I claim as new and useful, and desire to secure by Letters Patent of the United States, is—

1. A butchering apparatus, comprising the converging standards detachably connected at their upper ends, the removable horizontal braces 4 4 and 6 6 detachably secured to the said standards, the vertical hooks 3 for securing said braces 4, vertical notches 5' in said braces adapted to receive the shanks of the vertical hooks 3, a windlass journaled in braces 4, means for operating said windlass, in combination with a flexible sling adapted to form a support for a slaughtered animal and means substantially as described for operating said sling.
2. A butchering apparatus, comprising the converging standards, the bolt-hooks 5 and eyebolt 2 horizontally secured in the contiguous ends of said standards and adapted to secure said contiguous ends together, braces 4 4 and 6 6 secured to said standards, the windlass 8 journaled in said braces 4, a hand-wheel keyed to said windlass, a ratchet and pawl adapted to control said windlass, a stop-piece adapted to engage with the shank of

said pawl and hold it out of engagement with said ratchet, chains 9 in said windlass, their free ends adapted to form bearings for the headed journal-pins 16 in each end of the roller 17, substantially as set forth.

3. In a butchering apparatus, a windlass, means as described for operating said windlass, chains 9 working on said windlass and connected to the roller 17, annular projecting shoulders on each end of said roller, in combination with a flexible sling 18, the free ends of which are adapted to be secured together over the roller 17, substantially as described and for the purpose set forth.

4. A butchering apparatus, comprising the converging standards 1, the windlass 8 supported thereby, the roller 17 connected to said windlass, in combination with a flexible sling composed of chains 19, to which are suitably secured the slats 20, means for detachably uniting the ends of said sling over the roller, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

NATHANIEL FEIDT.

Witnesses:

A. H. SMITH,
S. H. KNEILEY.