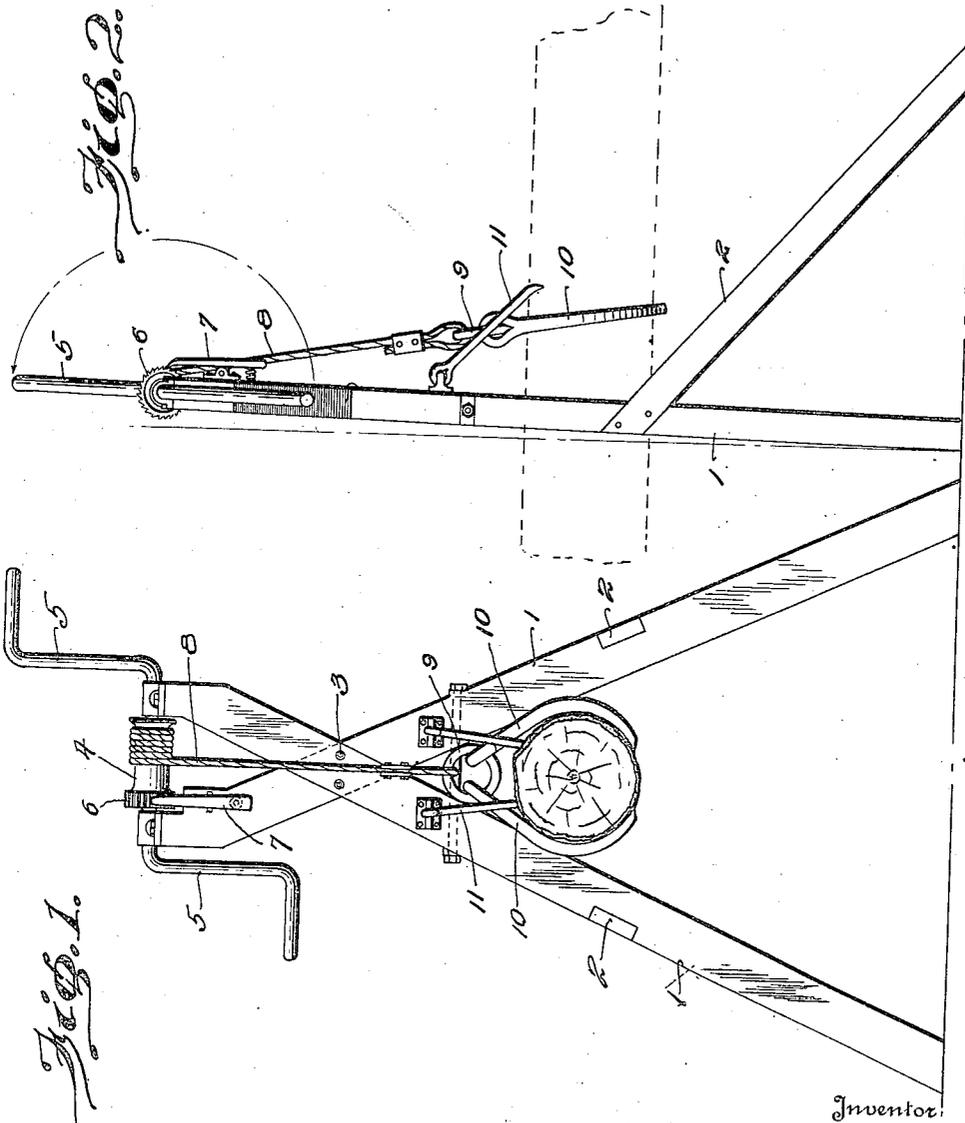


M. GRAU,  
SAWBUCK.

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1,432,998.

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Inventor:

Martin Grau.

By *E. B. McBeth*  
Attorney

# UNITED STATES PATENT OFFICE.

MARTIN GRAU, OF CROCKETT, TEXAS.

SAWBUCK.

Application filed April 12, 1921. Serial No. 460,652.

*To all whom it may concern:*

Be it known that I, MARTIN GRAU, a citizen of Austria, and a resident of Crockett, in the county of Houston and the State of Texas, have invented certain new and useful Improvements in Sawbucks, of which the following is a specification.

This invention relates especially to saw bucks designed for use in connection with the sawing of logs.

The saw buck of the ordinary type comprises two intersecting end members forming X shaped members connected by a cross piece and the stick to be cut is placed in the upper fork of the end members. This is the most convenient manner of handling short pieces of wood, viz. pieces four to eight feet in length. But in cutting up logs that may run anywhere from fifteen to thirty feet in length or even longer such a method is impossible as the weight of the log would make it impossible for it to be lifted and handled in the usual manner. My saw buck is provided with a log receiving fork opening downwardly and straddles the log, the log being then gripped by clamping members and lifted into the fork by means of a chain and drum, the lifting mechanism being mounted on the upper ends of the saw buck.

The invention consists in the novel features of construction hereinafter set forth, pointed out in the claim and shown in the accompanying drawings, in which:—

Figure 1 is a side elevation showing the device in position for use.

Figure 2 is an end view, a log being partly indicated in dotted lines.

In constructing my saw buck I employ two inclined supporting legs 1 which intersect adjacent their upper ends leaving a compara-

tively large inverted V-shaped space between them into which the log can be lifted. They are braced by braces 2 which form an acute angle with the leg to which they are respectively connected, and when in position for use the buck is inclined slightly out of the perpendicular, as indicated in Figure 2.

The legs are secured together by pins or bolts 3 or any other desired form of fastener and at their upper end support a drum 4. The drum is provided on opposite sides of the buck with handles 5, and with a ratchet wheel 6. One of the legs carries a pawl 7 that engages the ratchet wheel and prevents reverse rotation of the drum.

A cable 8 winds on the drum and carries a ring 9 which carries clamping log hooks which grip the log, the hooks 10 swinging freely from the ring 9. Spikes 11 pivotally hung from the legs 1 engage and steady the log while in elevated position.

In use two or more of these saw bucks are employed the number depending on the length of the log.

I have shown only one of them as all are of the same construction and are operated in the same manner.

What I claim is:—

A saw buck comprising two intersecting legs, braces carried by the legs and forming acute angles therewith, a drum mounted on the legs, means for rotating the drum, means for locking said drum against reverse rotation, a cable carried by the drum, means carried by the cable for engaging a log straddled by the legs, and log engaging spikes pivotally suspended from said legs.

In testimony whereof I affix my signature.

MARTIN GRAU.