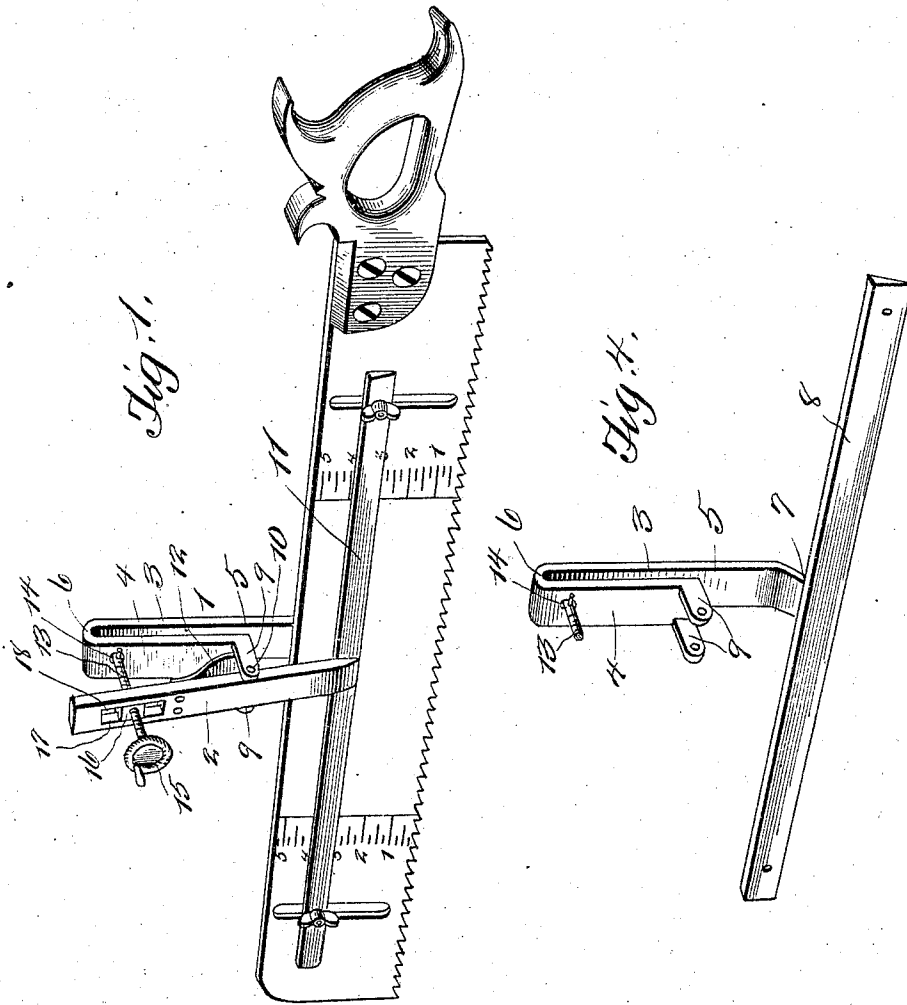


No. 850,480.

PATENTED APR. 16, 1907.

H. D. JERNIGAN.  
MORTISING GAGE.  
APPLICATION FILED MAR. 22, 1906.

2 SHEETS—SHEET 1.



Witnesses

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2 SHEETS—SHEET 2.

Fig. 3.

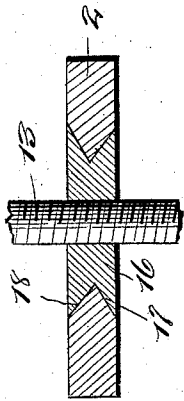


Fig. 5.

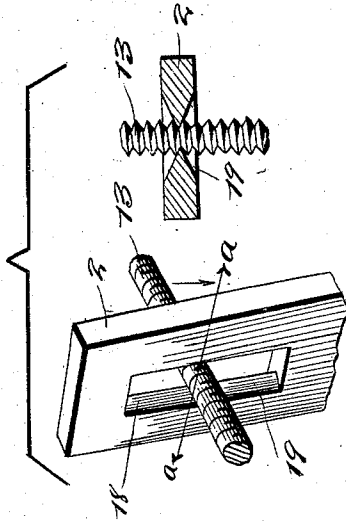
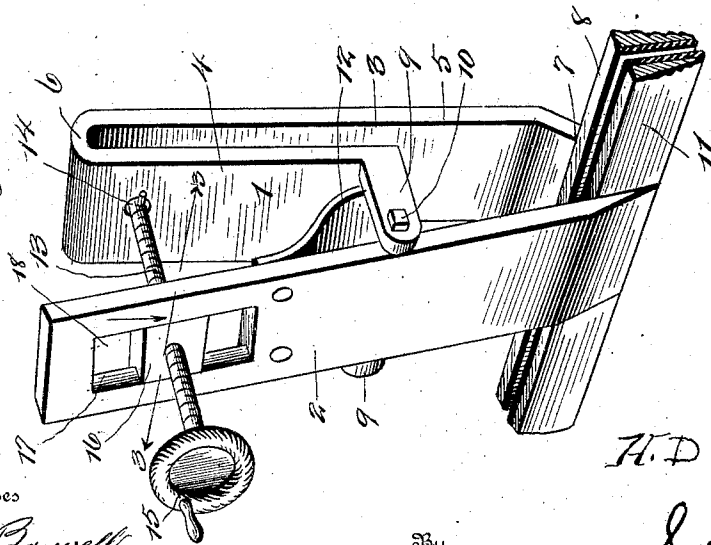


Fig. 2.



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# UNITED STATES PATENT OFFICE.

HARRY D. JERNIGAN, OF ORLINDA, TENNESSEE.

## MORTISING-GAGE.

No. 850,480.

Specification of Letters Patent.

Patented April 16, 1907.

Application filed March 22, 1906. Serial No. 307,542.

*To all whom it may concern:*

Be it known that I, HARRY D. JERNIGAN, a citizen of the United States, residing at Or-  
linda, in the county of Robertson and State  
of Tennessee, have invented certain new and  
useful Improvements in Depth-Gages for  
Saws, of which the following is a specifica-  
tion, reference being had therein to the ac-  
companying drawings.

This invention relates to certain new and  
useful improvements in mortising-gages  
adapted for use in connection with saws—  
that is, a device of this character having a  
pair of elongated jaws which are clamped  
upon the blade of the saw and are also mov-  
able upon the said blade with relation to the  
graduations marked thereon to gage the  
depth of the mortise desired.

Most essentially the invention resides in  
the provision of a device of this character  
which is comparatively very simple and effi-  
cient in the detail of construction and du-  
rable in practice.

This invention comprises, further, objects  
and combinations of elements which will be  
hereinafter more fully described, and shown  
in the accompanying drawings, and the novel  
features thereof will be pointed out by the ap-  
pended claim.

To obtain a full and correct understanding  
of the details of construction and combina-  
tions of features, elements, and advantages,  
reference is to be had to the hereinafter-set-  
forth description and the accompanying  
drawings in connection therewith, wherein—

Figure 1 is a perspective view of a saw  
with the invention attached thereto. Fig. 2  
is an enlarged perspective view of the device  
detached. Fig. 3 is a detail sectional view,  
and Fig. 4 is a detail perspective of one of  
the members of the device. Fig. 5 is a modi-  
fied form.

Making renewed reference to the accom-  
panying drawings, wherein similar reference  
characters indicate the corresponding parts  
in the several illustrations by figures, 1 desig-  
nates the device as a whole, which comprises  
two members 2 and 3. The member 3 con-  
sists of two vertically-disposed parallel por-  
tions 4 and 5, one of which being shorter  
than the other and also joined together at  
their upper ends, as at 6, the portion 5 being

provided at its lower end thereof, as at 7,  
with an elongated jaw 8, which is disposed  
upon a plane at right angles to the plane of  
the said portion 5.

The portion 4, at its lower end thereof, is  
provided with lateral projecting ears 9,  
which are apertured to receive the bolt 10,  
upon which the member 2 is pivotally  
mounted, which member is of the same  
length as the portion 5 of the member 3 and  
is provided at its lower end with an elon-  
gated jaw 11, which is disposed parallel with  
the jaw 8 and is also adapted to coöperate  
with said jaw 8, so as to clamp the saw be-  
tween them, as shown.

Disposed between the upper portion of the  
member 2 and the portion 4 of the member 3  
is a leaf-spring 12, which has a tendency to  
continually press the upper portion of the  
member 2 outward, as will be understood  
from the drawings in connection with the de-  
scription.

To operate the jaws of the device toward  
and from the opposite faces of the saw, a  
threaded shaft or screw 13 is provided, one  
end of which is swiveled, as at 14, to the por-  
tion 4 of the member 3, and the other end  
thereof is provided with a handpiece 15, so  
as to operate the screw or shaft conveni-  
ently.

Mounted to reciprocate upon the screw 13  
as it is rotated is a cross-head 16, which is  
movable vertically within a guideway 17,  
formed in a slot 18 in the upper portion of  
the member 2; but in Fig. 5 the cross-head 16  
and the guideway 17 is obviated, and in lieu  
thereof the edges of the slot 18 are V-shaped  
in cross-section, as at 19, so as to be received  
by the threads of the screw 13, as will be un-  
derstood from a thorough examination of the  
drawings in connection with the description.

From the foregoing the essential features  
and elements and the operation of the device,  
together with the simplicity thereof, will be  
clearly observed, and when manufactured in  
accordance with the invention an inexpensive  
market will be easily obtained therefor.

Having thus fully described the invention,  
what is claimed as new and useful by the pro-  
tection of Letters Patent is—

A depth-gage for saws, comprising a pair  
of vertically-disposed parallel members; each

having an elongated jaw at its lower end  
thereof, one of said members being pivotally  
connected to the other member; the other  
member comprising two vertical parallel por-  
5 tions, one of said portions having ears to re-  
ceive the pivot of the pivotally-mounted  
member, a leaf-spring interposed between  
said portion and said pivotally-mounted

member, and a screw to operate with said  
pivotally-mounted member. 10

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

HARRY D. JERNIGAN.

Witnesses:

A. L. DORSEY,  
J. A. GREEN.