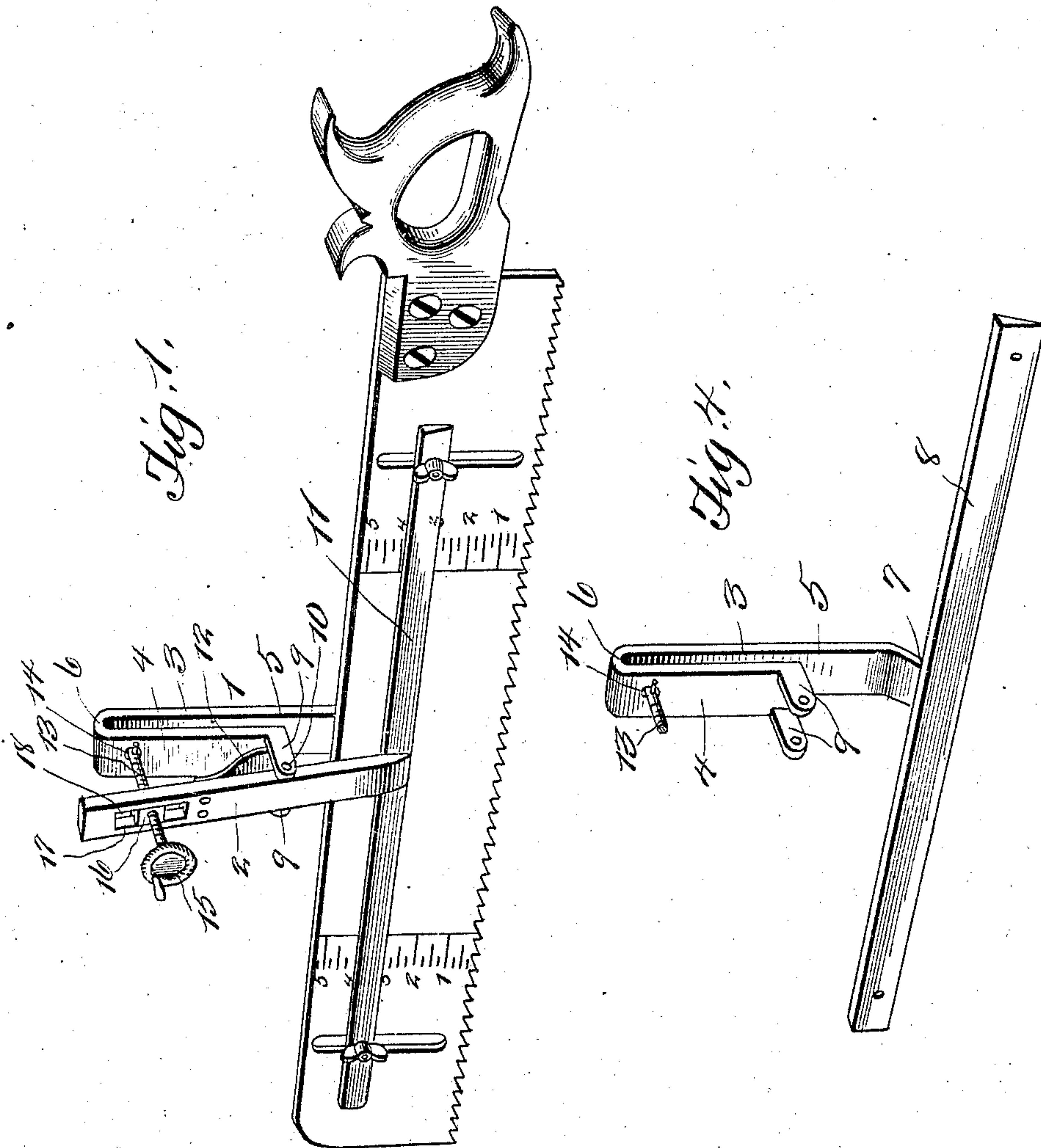


No. 850,480.

PATENTED APR. 16, 1907.

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

2 SHEETS—SHEET 1.



Witnesses

R. A. Bowell,
H. G. Hitchcock

By

Inventor

H. D. Jernigan

Swift & Co.

Attorneys

No. 850,480.

PATENTED APR. 16, 1907.

H. D. JERNIGAN.
MORTISING GAGE.

APPLICATION FILED MAR. 22, 1906.

2 SHEETS—SHEET 2.

Fig. 3.

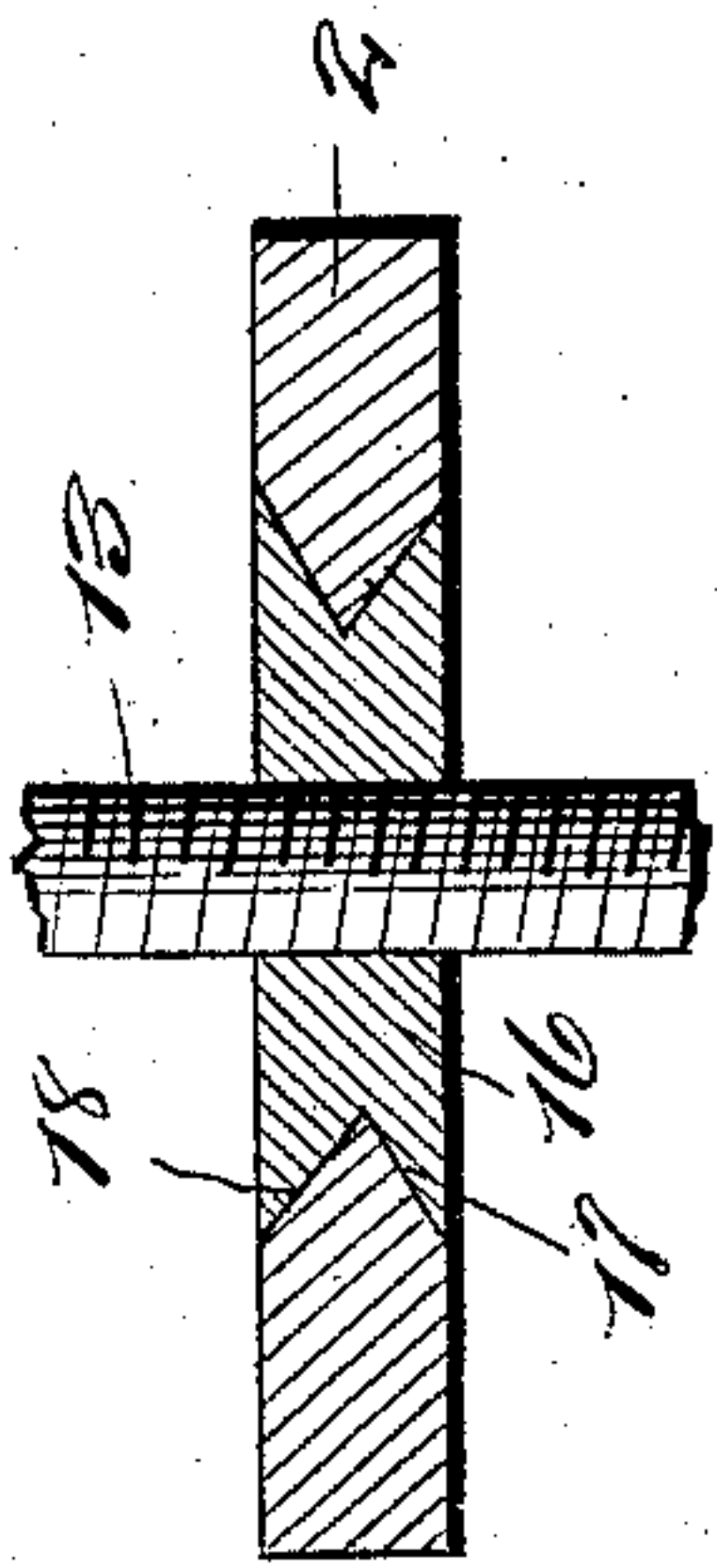


Fig. 5.

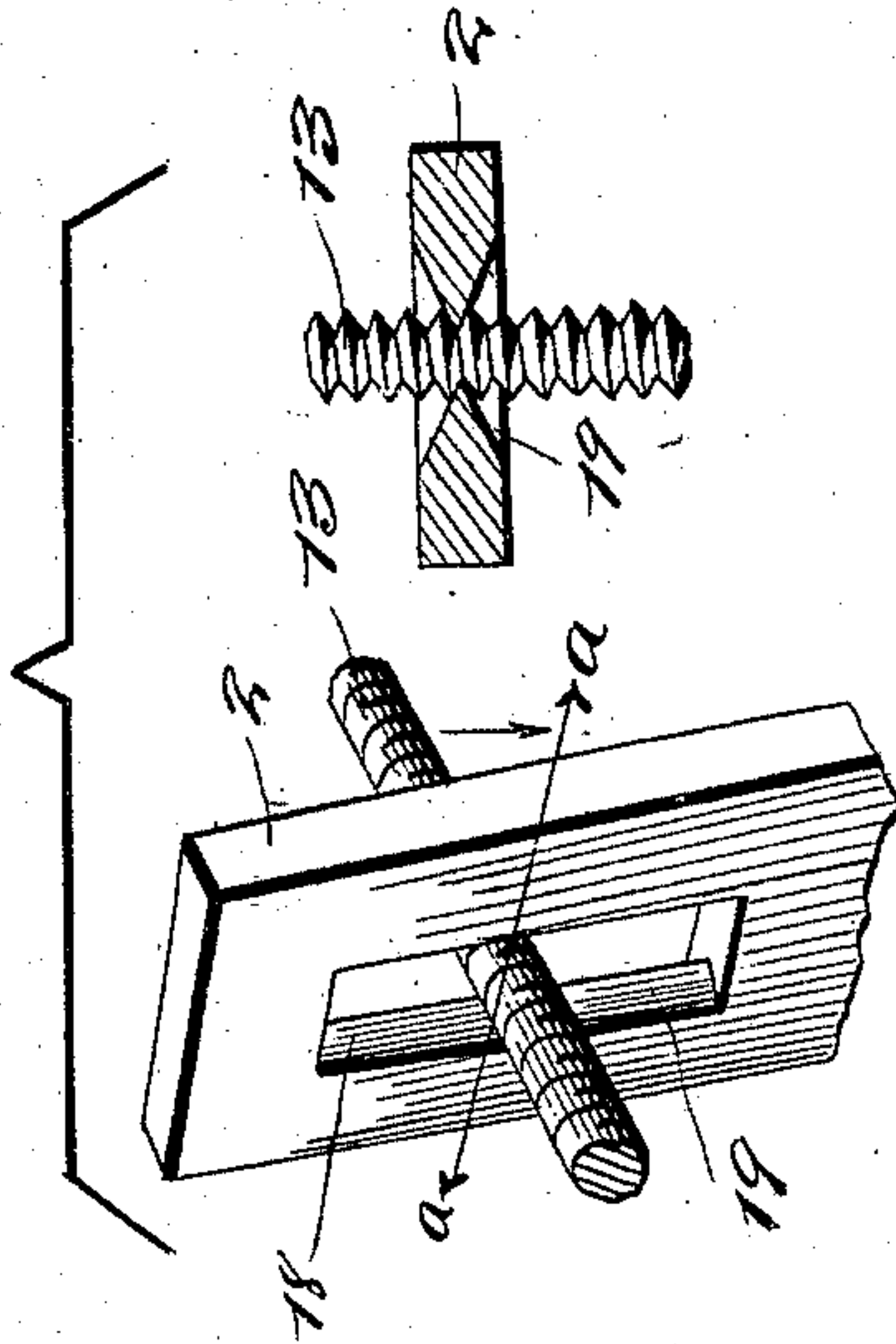
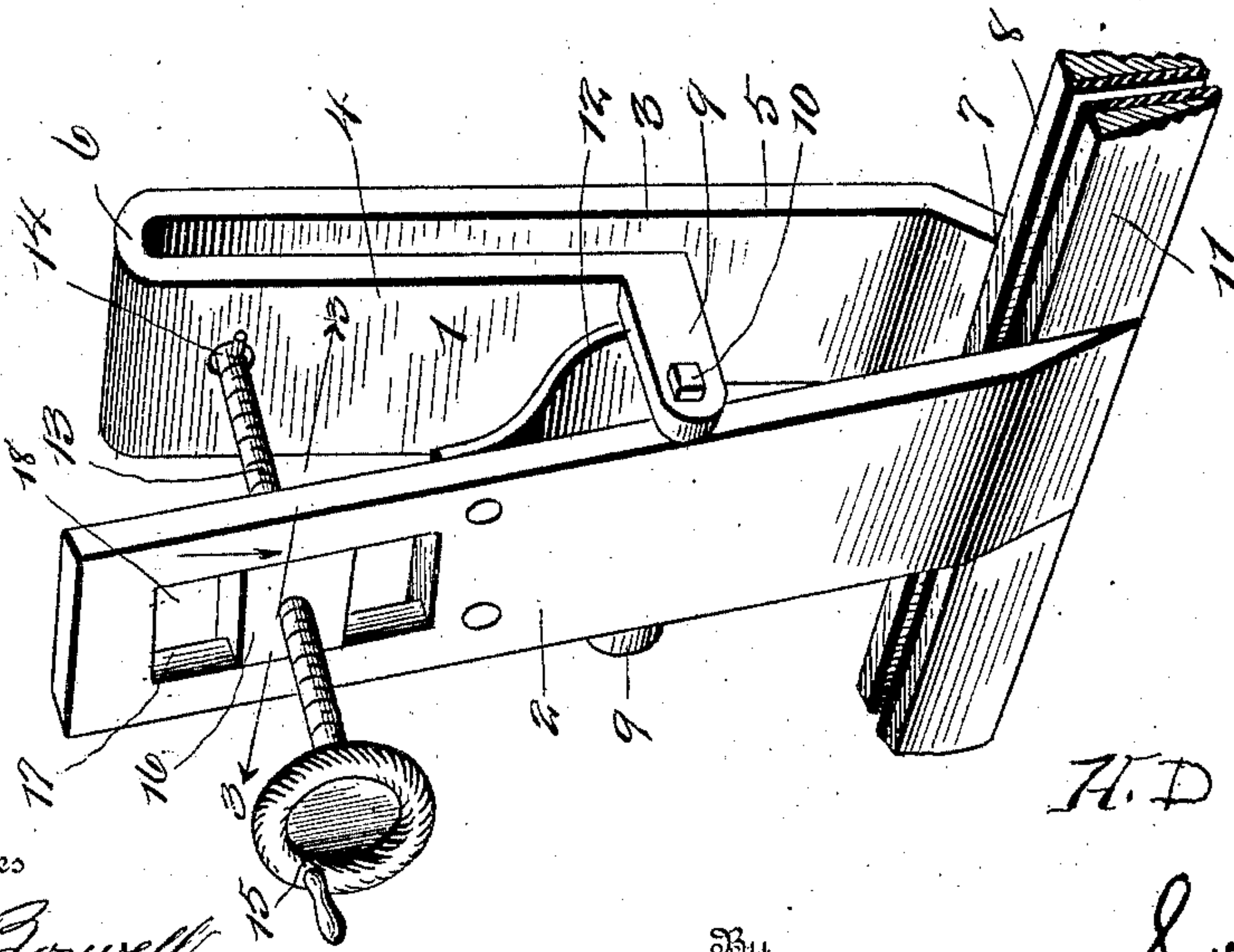


Fig. 6.



Witnesses

R. A. Bazzell,
K. G. Whitcomb

By

Inventor
H. D. Jernigan

Swift & C.

Attorneys

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 conven-
iently.

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 inexpen-
sive 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 portions, one of said portions having ears to receive 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.

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

HARRY D. JERNIGAN.

Witnesses:

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