

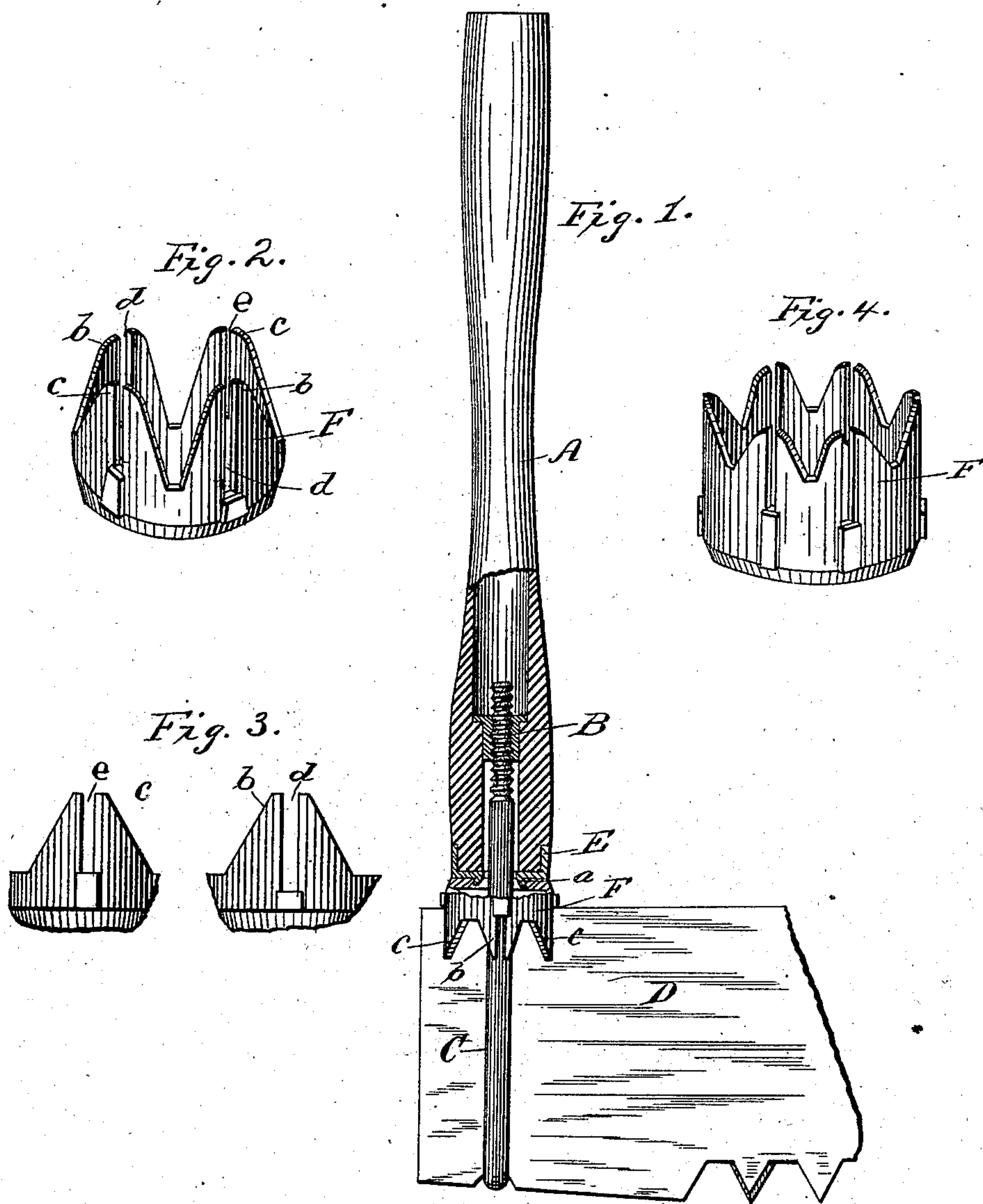
(No Model.)

M. E. TRUE.

SAW HANDLE.

No. 294,164.

Patented Feb. 26, 1884.



WITNESSES

Chas. R. Burr

Franklin H. Hough

INVENTOR

Moses E. True

By Frank O. Johns

Attorney

UNITED STATES PATENT OFFICE.

MOSES E. TRUE, OF BATAVIA, NEW YORK.

SAW-HANDLE.

SPECIFICATION forming part of Letters Patent No. 294,164, dated February 26, 1884.

Application filed January 3, 1884. (No model.)

To all whom it may concern:

Be it known that I, MOSES E. TRUE, a citizen of the United States, residing at Batavia, in the county of Genesee and State of New York, have invented certain new and useful Improvements in Saw-Handles; 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 ap-
10 pertains to make and use the same.

My invention relates to certain improvements in handles for cross-cut saws; and it consists in providing a handle with a loose ferrule having two or more sets of lips or
15 braces, which extend down on each side of the saw-blade, the slots between each set of lips or braces being made of different sizes to accommodate saw-blades varying in thickness and width. In the handles heretofore used,
20 the loose ferrule was only provided with a notch on its under side, which did not brace the saw, and left all the strain on the clamping-rod. My invention overcomes this difficulty, and the same ferrule can be used with
25 different-sized saws, the particular construction of which I will now describe, reference being had to the accompanying drawings, in which—

Figure 1 is a longitudinal section of the saw-handle, with the lower part of the loose ferrule
30 in elevation. Fig. 2 is a perspective of the loose ferrule. Fig. 3 is a detail, and Fig. 4 a modification.

Referring to said drawings, A is a hollow
35 saw-handle; B, a nut inserted in said handle, the top of which is plugged after the nut is inserted.

C is a slotted clamping-rod having a screw-threaded end which screws into the nut B.

40 D is the saw-blade.

E is a stationary ring or ferrule made of malleable iron, having a hollow center, and the lugs *a* around said center.

F is a loose ferrule having a hollow center,
45 and is secured to the stationary ferrule by the lugs *a*. Said loose ferrule is provided with lips or braces *b* and *c*, which engage with the sides of the saw-blade and slots *d* and *e* be-

tween said braces *b* and *c*, the slots diametri-
cally opposite each other being of the same 50
size. One set of slots *d* between the braces
b are made wider and deeper than the slots *e*
between the braces *c*, to accommodate a larger-
sized saw-blade. By this arrangement the
ferrule can be used with saws of different 55
sizes, and at the same time be provided with
braces which engage with the sides of the saw-
blade and relieve the strain on the clamping-
rod.

To adjust the handle, the saw is inserted in
the slotted clamping-rod, which is screwed up 60
into the nut B until the top of the saw-blade
enters one set of slots in the loose ferrule, said
ferrule being turned until slots of the proper
size are directly over the saw-blade. The 65
handle is then firmly adjusted by further
screwing the clamping-rod up into the nut B
until the braces engage with the sides of the
saw-blade, and the top of said blade touches
the bottom of the slots. 70

A modification of my invention is shown in
Fig. 4, in which there are several sets of slots
of different sizes.

I am aware that saw-handles have been used
having a slotted clamping-rod screwing into a 75
nut inserted in said handle and provided with
a stationary ferrule and a loose ferrule having
a notch on its under side to engage with the
top of the saw-blade. This I do not claim;
but 80

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

In a saw-handle, the nut B, slotted clamping-
rod C, stationary ferrule E, having the lugs *a*,
in combination with the loose ferrule F, hav- 85
ing the braces *b* and *c*, and provided with sets
of slots of different sizes, so arranged that the
slots diametrically opposite each other are of
the same size, substantially as and for the pur-
pose shown and described. 90

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

MOSES E. TRUE.

Witnesses:

MIRA SELDON,

SAFFORD E. NORTH.