

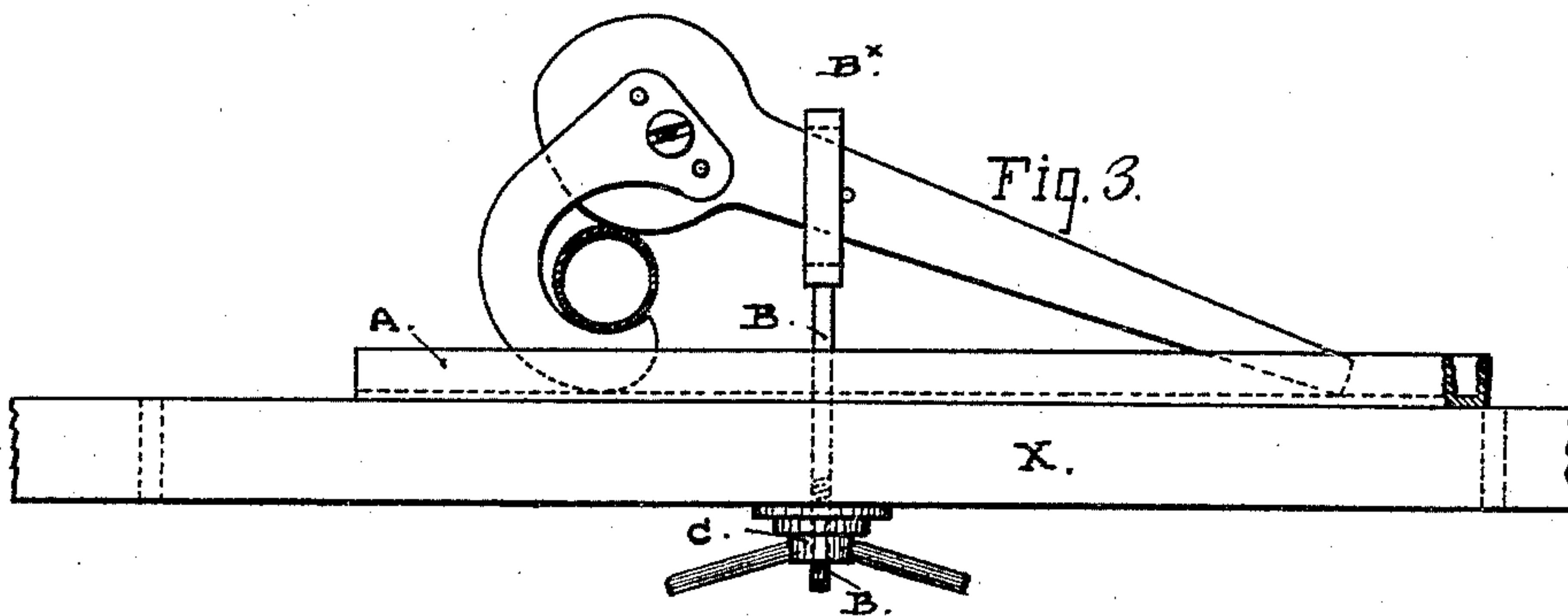
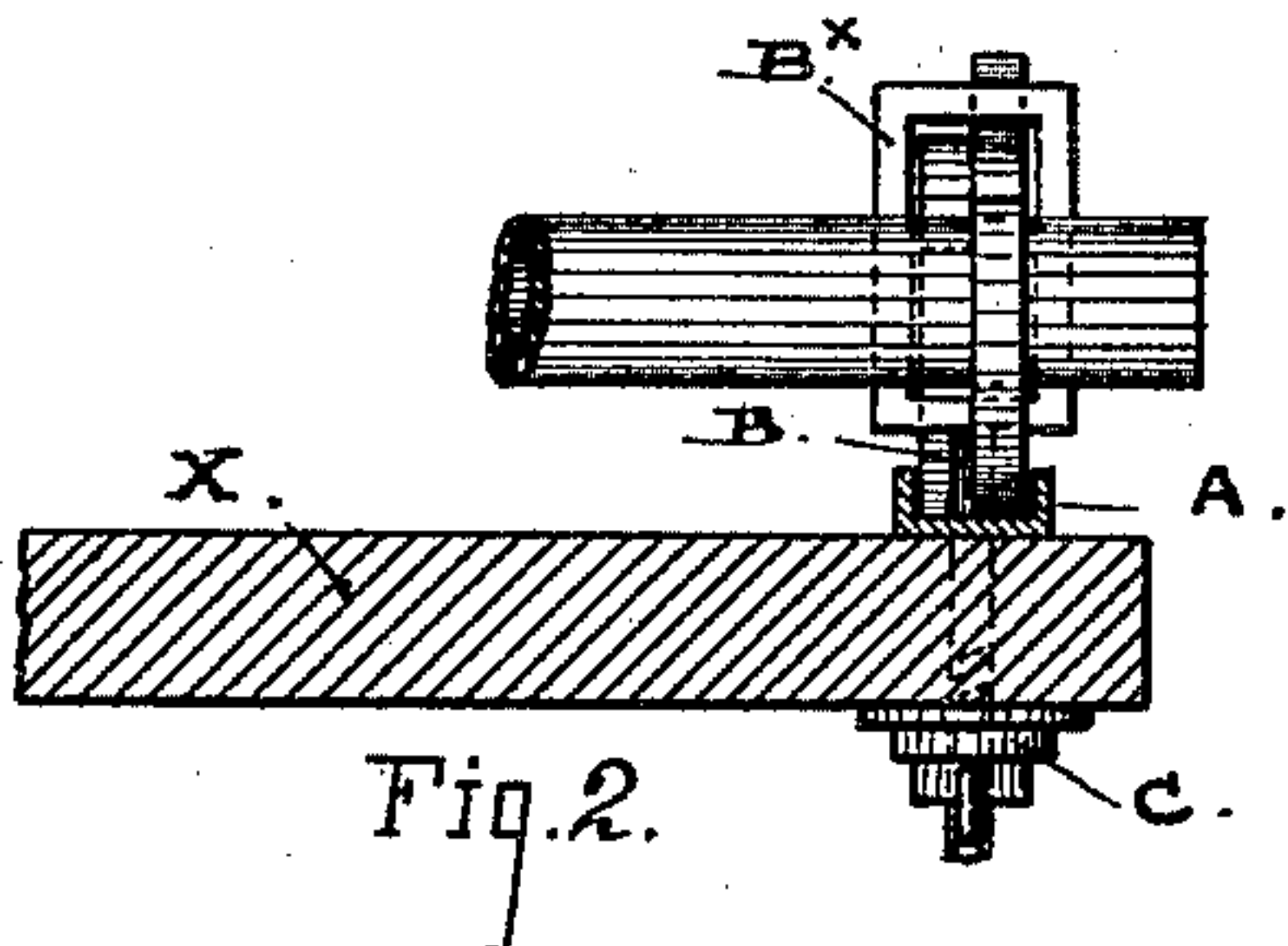
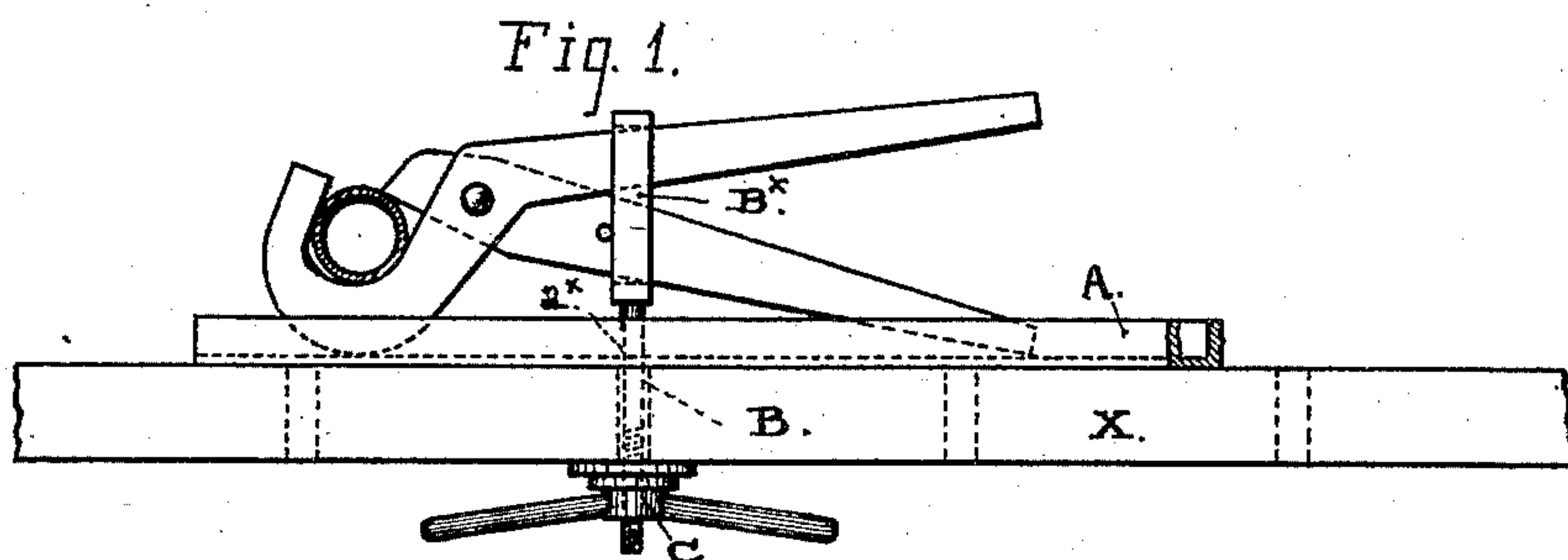
(No Model.)

C. V. GREENAMYER.

BENCH CLAMP FOR PIPE TONGS AND WRENCHES.

No. 444,778.

Patented Jan. 13, 1891.



Witnesses:

Wm. Mayr

A. M. Charlot

Inventor:

Clarence V. Greenamyer

By Smith & Saborn

his Atty'd.

UNITED STATES PATENT OFFICE.

CLARENCE V. GREENAMYER, OF SAN FRANCISCO, CALIFORNIA, ASSIGNOR
TO THE VERNER WRENCH CAR MOVER AND POWER MANUFACTURING
COMPANY, OF SAME PLACE.

BENCH-CLAMP FOR PIPE TONGS AND WRENCHES.

SPECIFICATION forming part of Letters Patent No. 444,778, dated January 13, 1891.

Application filed September 9, 1890. Serial No. 364,475. (No model.)

To all whom it may concern:

Be it known that I, CLARENCE V. GREEN-
AMYER, a citizen of the United States, resid-
ing in the city and county of San Francisco,
5 State of California, have invented certain
new and useful Improvements in Bench-
Clamps for Pipe Tongs and Wrenches, of
which the following is a specification.

My invention has for its object to provide
10 a device for fixing upon a work-bench or
other stationary support a pipe-wrench, a
pipe-tongs, or an implement of that class to
grasp and hold a piece of pipe or tubing
while work of some kind is being done, such
15 as cutting the end, running a screw-thread,
or fixing a screw-joint or coupling. In com-
bination or connection with a wrench or tongs
the device furnishes a handy and efficient
substitute for a vise, and enables tools of that
20 character which have gripping-jaws on the
ends of pivoted handles to be used in many
cases without a helper or additional work-
man, so that one man can perform many op-
erations without assistance.

25 The nature of my invention and the man-
ner in which I proceed to produce, construct,
and carry out the same will be understood
from the following description, the drawings
that form part of this specification being re-
ferred to by letters.

30 Figure 1 represents the manner in which a
pipe-tongs with two levers or handles is fixed
and held in the clamp, and shows the clamp
in front elevation. Fig. 2 is a view taken
35 from the left-hand side of Fig. 1. Fig. 3
shows a pipe-wrench of the single-lever kind
combined with the clamp.

40 A bar A of channel-iron or a bar with a
deep groove along the top and a flat bottom
forms the bed of the clamp. The channel or
groove is about equal in width to the thick-
ness of the iron of which the members of the
tongs or wrenches are made, so that when the
jaws and the end portion of the handles are
45 set on the bed the standing sides assist in
supporting the tool. A hole a^x is made
through the bottom of the channel at a point

about midway between the two ends for an
upright rod B, the top or upper end of which
has a loop or stirrup B^x , while the lower end 50
portion is screw-threaded and is fitted with a
hand-nut C. The rod is passed through the
hole in the bed to bring the threaded portion
below it. The bar is set on a bed-timber or
mounted on a bench where suitable space 55
beneath is afforded to work the hand-nut,
and the handle or lever portion of the tongs
or wrench is passed through the loop on the
upper end of the rod when the tool is set in
the clamp, the position of the parts being 60
such that the jaws or gripping edges of the
tool are pressed and held firmly against the
piece inserted between them as the screw-rod
is drawn down by the hand-nut.

This clamp is adapted for use with many 65
varieties of pipe-tongs and like tools which
are used to grip and hold pipe-tubing, pipe-
joints, and other cylindrical pieces. In con-
nection with such a tool it furnishes a ready
means of holding a piece of work while op- 70
erations of different kinds are being carried
on. It will be found an efficient substitute
for a vise, while it also enables the tool to be
used in its ordinary capacity, when desired.

75 Having thus fully described my invention
what I claim, and desire to secure by Letters
Patent, is—

1. The herein-described clamp or device for
holding pipe tongs and wrenches, consisting
of the grooved or channeled bar, the rod hav- 80
ing a loop or stirrup on the end above the
bar, its lower end screw-threaded, and a hand-
nut on the screw-thread.

2. The combination, with the channel-iron
bed adapted to take a pipe wrench or tongs, 85
of the loop or stirrup having a screw-threaded
end portion and a hand-nut as a means of
drawing down and holding the stirrup.

In testimony that I claim the foregoing I
have hereunto set my hand and seal.

CLARENCE V. GREENAMYER. [L. s.]

Witnesses:

OTIS H. SAWYER,
EDWARD E. OSBORN.