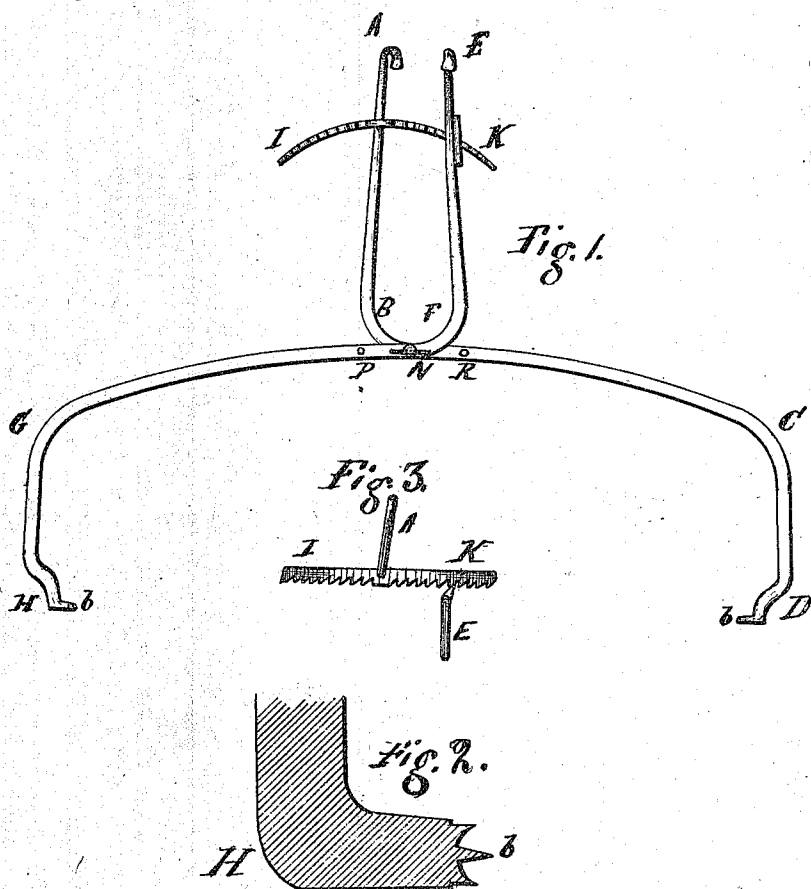


M. W. Ingle,
Barrel Tongs.
No. 112462. *Patented Mar. 7. 1871.*



Attest
Karl Fiesler
G. F. Sturmann

Mark W. Ingle.
Inventor

United States Patent Office.

MARK W. INGLE, OF INDIANAPOLIS, INDIANA.

Letters Patent No. 112,462, dated March 7, 1871.

IMPROVEMENT IN TONGS FOR ROLLING BARRELS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, MARK W. INGLE, of Indianapolis, in the county of Marion and the State of Indiana, have invented an Improved Barrel-Tongs; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

The nature of the invention consists in the arrangement and combination of the device hereinafter described.

Said device to be made of iron or steel, or any other convenient and suitable material.

To enable others skilled in the art to make and use my said invention, I proceed to describe it more particularly as follows, viz:

Figure 1 of the accompanying drawing is a view of my said device. A B C D, and E F G H are two levers of the shape there represented, fastened across each other by a bolt and thumb-screw at N, similar to that of a crucible-tongs.

At A and E are the handles, represented with the ratchet, in detail, by A and E, and I and K, of Figure 3.

I K is a ratchet attached to the lever A B, in which works a convenient pawl attached to the lever E F.

At *b* and *b* are centers, as shown in said fig. 1, and in an axial section by Figure 2.

By means of the ratchet and the additional holes

P and R in the levers, the tongs may be so adjusted as to apply to kegs, barrels, or hogsheads.

To use my said device, the barrel is laid upon its side; the centers *b b* are placed on the opposite heads of the barrel, so that they will rest as near the center of the head as possible. The handles A and E are then strained together, and as they close will press the centers *b* and *b* into the heads of the barrel, and the pawl on the handle E, resting in one of the teeth of the ratchet I K, will hold the arms or levers in that position. The operator now grasps the handles firmly, and by pulling or pushing can roll the barrel to any desired position.

For rolling heavy hogsheads, a horse or mule can be attached, if desired.

By lifting the pawl out of the ratchet, the centers *b* and *b* may be easily released from the barrel.

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

The combination and arrangement of the levers A B C D and E F G H, the ratchet I K, with the pawl on the arm E F, and the centers *b* and *b*, when constructed and used in manner and form substantially as set forth.

In testimony that I claim the foregoing as mine I have hereunto set my hand this 2nd day of February, 1871.

Witnesses:

GEO. H. ZIEGLER,
G. F. SHERMAN.

MARK W. INGLE.