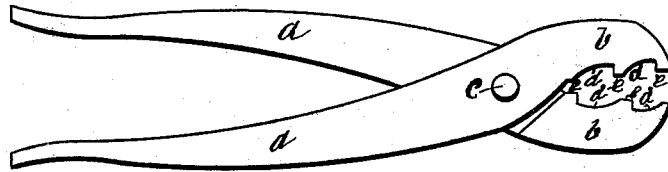


S. STONE.
Pipe-Tongs.

No. 165,271.

Patented July 6, 1875.



Witnesses.

C. H. Douglas
Jeremy W. Bliss

Inventor.

Samuel Stone

UNITED STATES PATENT OFFICE.

SAMUEL STONE, OF NORTH MANCHESTER, CONNECTICUT.

IMPROVEMENT IN PIPE-TONGS.

Specification forming part of Letters Patent No. **165,271**, dated July 6, 1875; application filed September 21, 1874.

To all whom it may concern:

Be it known that I, SAMUEL STONE, of North Manchester, county of Hartford and State of Connecticut, have invented certain new and useful Improvement in Grappling-Tongs; and to enable others skilled in the art to make and use the same I will proceed to describe, referring to the drawing, in which the same letters indicate like parts.

The nature of this invention consists in making the tongs first in the common way. Then in the face of the jaws, which close together flush in the common way, are formed circular depressions and grappling-teeth, so that when placed around rod or screw-calk of various sizes it will grapple and firmly turn and secure the calk in place, and by simply turning said tongs over and placing them upon the rod or calk it may be easily and quickly removed.

In the accompanying drawings is shown a side view of this invention.

a are the handles. *b* are the jaws. *c* is the fulcrum or joint-pin. The jaws *b* are made to close together flush each side. In the faces of these jaws are formed circular depressions *d* and grappling-teeth *e*.

By the use of this instrument various sized calks may be held and turned securely and firmly in a shoe, and by turning the tongs over and placing it onto the calk and turned in the opposite direction the calk can be easily and quickly removed, and may be conveniently done while on the road.

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

The jaws *b b*, provided with seats *d d* and teeth *e e*, arranged as shown and described.

SAMUEL STONE. [L. S.]

Witnesses:

U. H. DOUGLAS,
JEREMY W. BLISS.