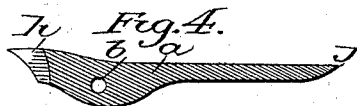
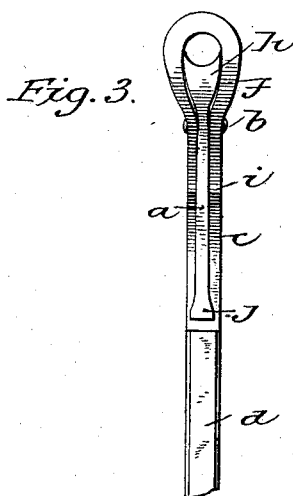
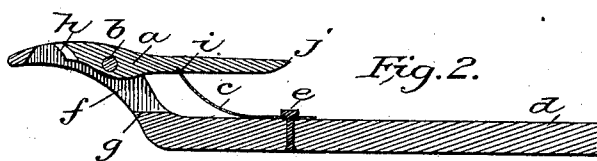
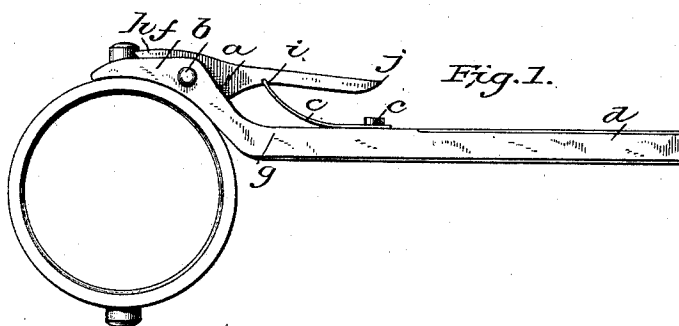


(No Model.)

D. McCUNE.
HOSE SPANNER.

No. 469,487.

Patented Feb. 23, 1892.



Witnesses:

A. E. Simar
H. P. Paeley

Inventor:

David McCune
per *[Signature]*
his Attorney.

UNITED STATES PATENT OFFICE.

DAVID McCUNE, OF ASHLAND, WISCONSIN.

HOSE-SPANNER.

SPECIFICATION forming part of Letters Patent No. 469,487, dated February 23, 1892.

Application filed August 4, 1891. Serial No. 401,714. (No model.)

To all whom it may concern:

Be it known that I, DAVID McCUNE, a citizen of the United States, residing at Ashland, in the county of Ashland and State of Wisconsin, have invented a new and useful Improvement in Hose-Spanners, of which the following is a specification.

My invention relates to an improvement in hose-spanners; and the object of my improvement is to furnish the means by which a coupling of hose can be effected with greater ease and in a shorter time than it could be effected without my improvement. Heretofore hose-spanners have loosely fitted the coupler-post and in turning the coupler-screw will fall from position unless held in place by the hand.

By means of my improvement the spanner remains in place upon the coupler without any external support. I attain this object by the construction as illustrated in the accompanying drawings, in which—

Figure 1 is a view in perspective of the hose-spanner in position upon the coupler. Fig. 2 is a vertical section of the hose-spanner. Fig. 3 is a top view of the same. Fig. 4 is a vertical section of the tongue indicated at *a*, Fig. 1.

Similar letters refer to similar parts throughout the several figures.

d is the body of the machine, constructed, preferably, of steel and fashioned so as to present a conveniently-shaped handle at one extremity and at the other bent into an arc *f* to fit the curved surface of the coupler. The curved portion *f* is split or opened from the heel to the extremity to accommodate the tongue *a*, which is swung in the opening upon the rivet *b*. Both the extremity of the curved

portion and the opening it contains are enlarged to a sufficient size to admit of the coupler-post forming the leverage for turning the coupler-screw. The tongue *a* is beveled and grooved at the extremity *h*, so as to snugly fit a corresponding bevel in the split in which it swings and to closely engage the coupler-post. The spring *c*, which is attached to the handle at *e*, acts upon the tongue *a* at the point *i*, keeping the other extremity of the tongue snugly in place and when in use firmly pressed against the coupler-post. The enlargement of the split in the extremity of the curved portion *f*, in conjunction with the extremity of the tongue at *h*, forms a circular opening slightly smaller than the diameter of the coupling-post, so as to insure close contact with the tongue.

In using the hose-spanner the operator grasps the handle *d*, presses with the thumb upon the flattened extremity of the tongue at *j*, which relieves the pressure of the spring *c*, raises the end *h*, and permits the introduction of the coupler-post into the opening. The pressure upon the spring is then released and the spanner is firmly fixed in position upon the coupler ready for use.

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

The combination, in a hose-spanner, of a tongue *a*, swung within the split arc *f* upon the rivet *b*, and the spring *c*, acting in conjunction therewith, substantially as described.

DAVID McCUNE.

Witnesses:

BEN. S. SMITH,
IDA A. FORREST.