(No Model.)

B. C. STEPHENSON.

SPOUT FOR WOODEN PUMPS.

No. 267,468. Patented Nov. 14, 1882.

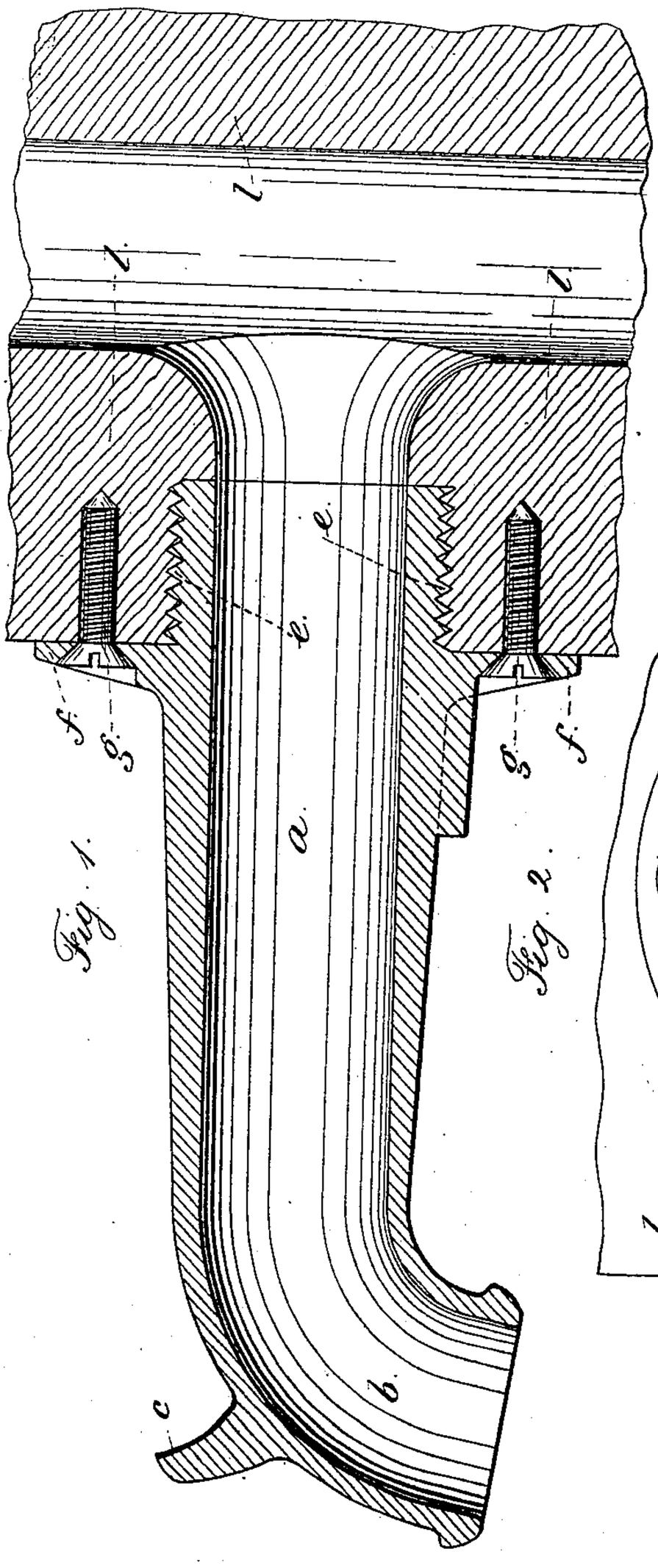

Fig. 1.

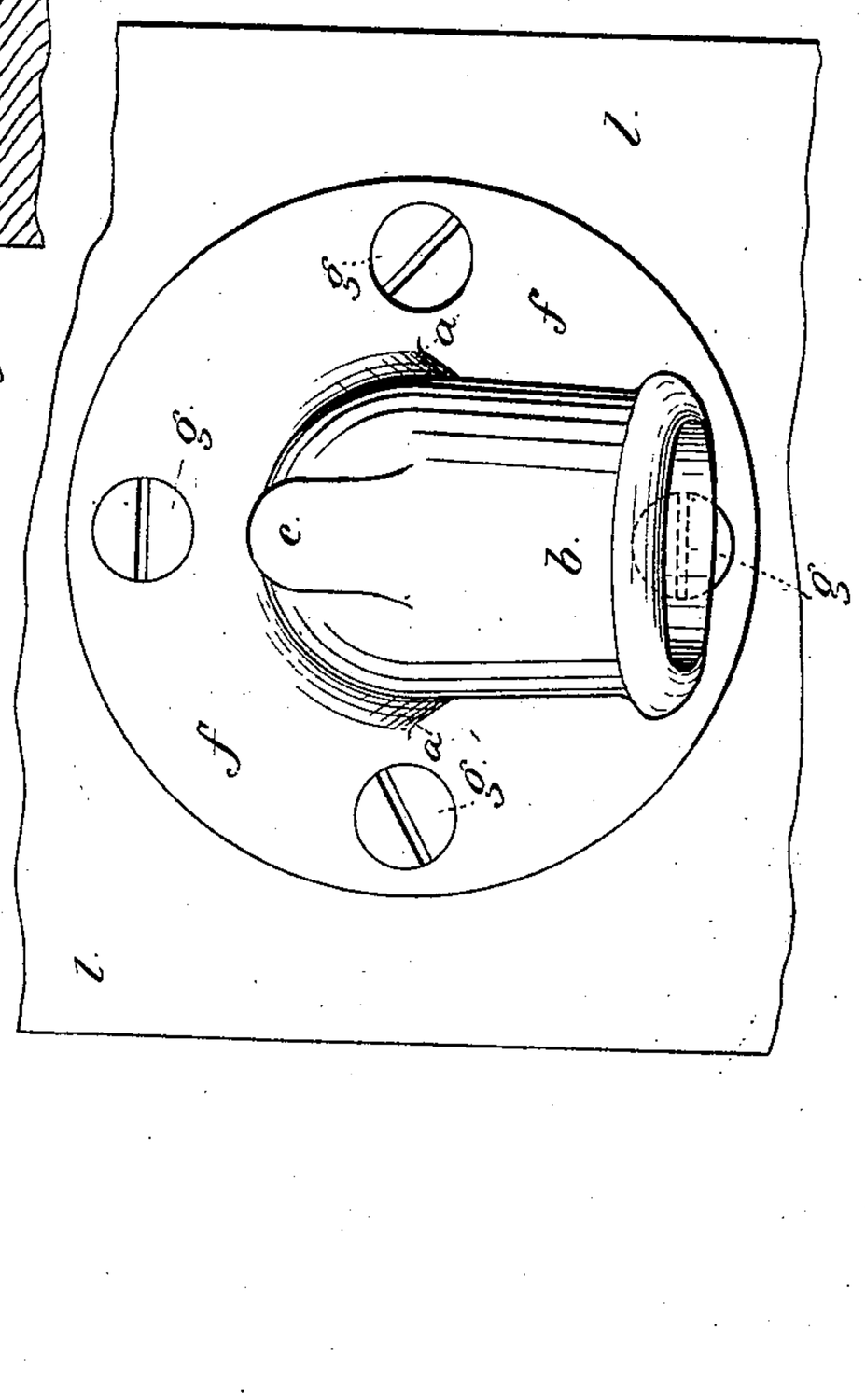

Fig. 2.

Witnesses
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per Lemuel W. Serrell
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UNITED STATES PATENT OFFICE.

BURR C. STEPHENSON, OF SOUTH BEND, INDIANA.

SPOUT FOR WOODEN PUMPS.

SPECIFICATION forming part of Letters Patent No. 267,468, dated November 14, 1882.

Application filed March 20, 1882. (No model.)

To all whom it may concern:

Be it known that I, BURR C. STEPHENSON, of South Bend, in the county of St. Joseph and State of Indiana, have invented an Improvement in Spouts for Wooden Pumps, of which the following is a specification.

Pump-spouts have been made of cast-iron, with a screw cast at one end of the tubular spout, adapted to being screwed into the exit-orifice of the wooden barrel. In this case the spout is liable to become loose and to turn around in the wood and pull out. In other instances a detached washer has been applied around such pump-spout, the same being adapted to set against the surface of the wood. This aids in supporting the spout; but it does not prevent the same working loose and turning in the wood, or being pulled out by any unusual strain, such as a heavy pail hung upon such spout; and there was no screw-thread upon the spout. In some instances the spout has been made with a flange at the end next to the pump, such flange being secured to the wood of the pump by ordinary wood-screws. In this instance the tubular spout does not enter into the wooden pump and all the strain comes upon the common wood-screws.

Faucets have been made with a screw-thread adapted to a metal coupling and tube from a water-supply, and a flange has surrounded the tubular rear portion of the faucet. This is not adapted to being screwed into a wooden pump, and there is no provision for screws through the base-flange.

My invention is made for combining the advantageous features of the spouts heretofore made, and for avoiding the objections heretofore existing to such cast-iron spouts.

In the drawings, Figure 1 is a vertical section of the spout as screwed into the discharge-opening of the wooden pump, and Fig. 2 is a front view of the same.

The spout is made of cast-iron, and it is of ordinary or convenient size. It is tubular. The body *a* terminates at one end with a downward bend, *b*, and a supporting-horn, *c*, over which a pail may be hung. At the back end the tubular spout is provided with a cast screw-thread, *e*, and around the back part of the body *a* there is a flange, *f*. These parts are all cast in one, so as to be both cheap and strong.

Through the flange *f* there are countersunk holes for the screws *g*, which are ordinary wood-screws, so that after the screw portion *e* has been screwed into the discharge-opening in the wooden pump-barrel *l* the screws *g* may be screwed into the wood and hold the flange *f* firmly, so that the pump-spout cannot be revolved. The flange and screws aid in supporting the spout, and the screw end *e*, entering the wood, adds greatly to the strength and to the durability of the parts.

I am aware that a screw with a flange has been provided with attaching screw-bolts for connecting the parts to a barrel or other vessel, and that the same has received an ordinary cock, as in Patent No. 140,685.

I claim as my invention—

The spout for a wooden pump, having a body, *a*, and a downward curve, *b*, to the tube at one end, and at the other end a screw-thread, *e*, and flange *f*, cast in one piece, with holes through the flange for the attaching-screws *g*, substantially as set forth.

Signed by me this 13th day of March, A. D. 1882.

BURR C. STEPHENSON.

Witnesses:

GEO. T. PINCKNEY,

CHAS. H. SMITH.