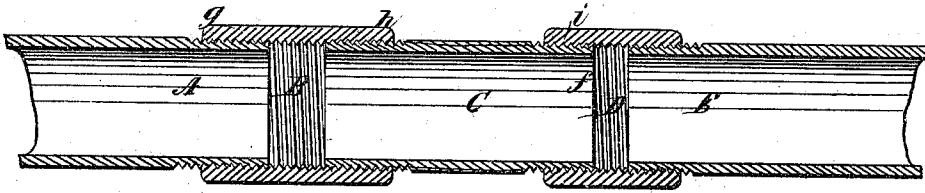


L. T. SCOFIELD.  
Pipe-Couplings.

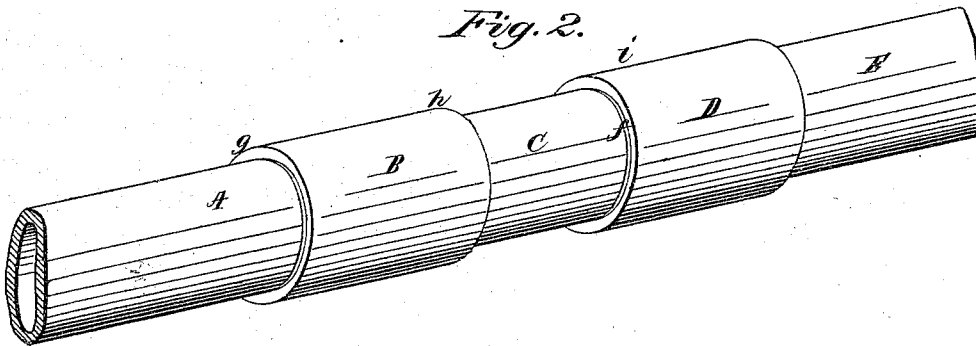
No. 141,893.

Patented August 19, 1873.

*Fig. 1.*



*Fig. 2.*



*Witnesses.*

*M. J. Philpotts*  
*J. M. Bartlett.*

*Inventor.*

*Levi T. Scofield.*

# UNITED STATES PATENT OFFICE.

LEVI T. SCOFIELD, OF CLEVELAND, OHIO.

## IMPROVEMENT IN PIPE-COUPPLINGS.

Specification forming part of Letters Patent No. **141,893**, dated August 19, 1873; application filed June 23, 1873.

*To all whom it may concern:*

Be it known that I, LEVI T. SCOFIELD, of Cleveland, in the county of Cuyahoga, in the State of Ohio, have invented a new and Improved Mode of Connecting Stationary Pipes (that are now usually connected with flange connections) by the use of a screw-coupling; and I do hereby declare that the following is a full and exact description of the construction and operation of the same, reference being had to the accompanying drawing and to the letters of reference marked thereon, as follows:

Figure 1 is a longitudinal section, and Fig. 2 a perspective view.

The letters A and E, in both the section and the perspective view, are portions of a line of pipe. B is a long tapering coupling diminishing in size from *g* to *h*. D is a common coupling. C is a screw-coupling tapering from left to right with the threads in the middle turned off, so that it can be turned with tongs. The end *f* of the screw C is entered at the point *g* of the coupling B, and screwed in until the coupling B can be screwed firmly to the pipe

A. The tongs are then applied to C and made to enter the coupling D (which is already firmly secured to the pipe E) and turned until it becomes tight at the points *h* and *i*.

The nature of my invention consists in providing a screw-coupling in two parts to be used in connection with common couplings to connect stationary lines of pipe, and by making a tight screw-joint to prevent the leaks that frequently occur when flange connections with a flexible packing are used, which is liable to dissolve and work out by the action of steam, petroleum, gas, &c.

I do not claim any improvement on the pipes A and E on the common coupling D; nor do I claim that this is an original invention; but

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

The combination of the two parts B and C with the parts A D E, substantially as described.

LEVI T. SCOFIELD.

Witnesses:

T. M. BARTLETT,  
WM. J. PHILPOTT.