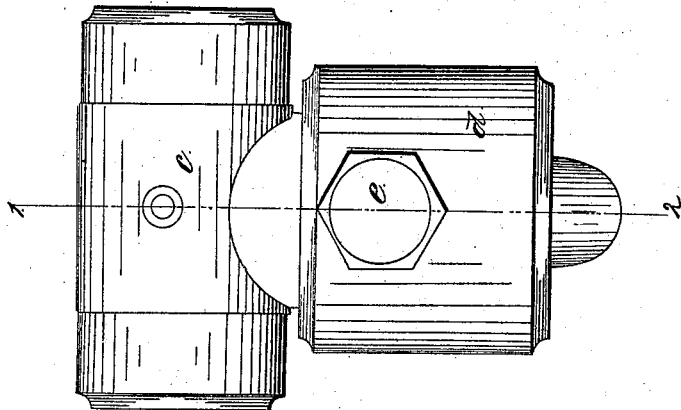
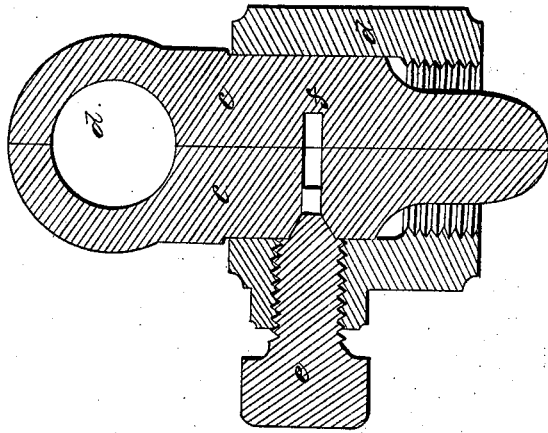


*T. Shaw,*  
*Pitman Coupling,*  
*Nº 52,455,      Patented Feb. 6, 1866.*



*Witnesses:*  
*Elias J. Shaw*  
*Edw. H. Walton*

*Inventor:*  
*Thomas Shaw*

# UNITED STATES PATENT OFFICE.

THOMAS SHAW, OF PHILADELPHIA, PENNSYLVANIA.

## IMPROVED CONNECTING ROD-JOINT.

Specification forming part of Letters Patent No. 52,455, dated February 6, 1866.

*To all whom it may concern:*

Be it known that I, THOMAS SHAW, of the city and county of Philadelphia, Pennsylvania, have invented a new and Improved Mode of Constructing Connecting Rod-Joints; and I hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention consists in constructing connecting rod-joints independent of the rod, as hereinafter described.

In order to enable others to use and practice my invention, I will proceed to describe its construction and operation.

On reference to the accompanying drawings, which form a part of the specification, Figure 1 is a top view of said joint. Fig. 2 is a section across the line 1 and 2.

Similar letters refer to similar parts.

*a* is a ferrule, which has a thread, *b*, for the purpose of having screwed to it a piece of gas or other rod. *c c* are two boxes which will clasp a crank-pin interposed at *d*, and are secured in ferrule *a* by screw *e*; *f*, a pin inserted in boxes *c c* to prevent one part, *e*, moving without the other.

The object of this invention is to furnish a cheap and efficient connecting rod-joint for all vibrating rods, and is well adapted to the employment of gas-pipes for rods.

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

Constructing connecting rod-joint in the manner described.

THOMAS SHAW. [L. S.]

Witnesses:

ROBERT HUTCHINSON,  
EDWD. H. WALTON.