J. E. JONES.

Conical Stop Cocks.

No. 124,959. Patented March 26, 1872.

Fig: 1.

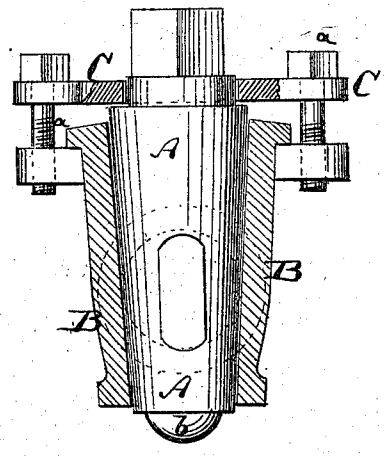
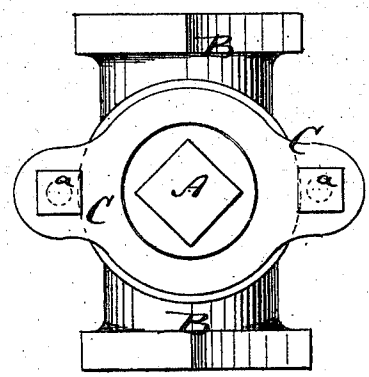


Fig: 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

J. EVANS JONES, OF TIDIOUTE, PENNSYLVANIA.

IMPROVEMENT IN CONICAL STOP-COCKS.

Specification forming part of Letters Patent No. 124,959, dated March 26, 1872.

Specification describing a new and useful Improvement in Conical Stop-Cocks, invented by J. EVANS JONES, of Tidioute, in the county of Warren and State of Pennsylvania.

Figure 1 represents a sectional side view of the stop-cock and shell. Fig. 2 is an end view thereof.

Similar letters of reference indicate corresponding parts.

This invention has for its object to permit the removal of truncated conical plugs or stop-cocks from their shells for inspection or repair without endangering its fastening devices. The invention consists in causing the small end of the plug to protrude through the shell, and in providing it with a projecting button, that may be struck by a hammer or mallet whenever it is necessary to loosen the plug for removal.

The ordinary stop-cocks also protrude through the shell, but are held in place by nuts applied to their small ends. When, after removal of the nut, a plug is to be loosened in its seat, it must be hammered at the small end. Thereby the plug is frequently very much injured, and often entirely ruined, the screw-threads being destroyed or battered. This injury is prevented by my arrangement of projecting plug, which has no screw-thread at the small end, but is held to its place by a cap and screw applied to the larger end.

In the drawing, A represents the truncated conical plug or stop-cock; B, the shell, into which the same is fitted. The plug is held in place by an annular cap, C, which is applied against its larger end, and fastened to the shell by screws *a*. The smaller end of the plug A projects through the shell, and has a projecting knob or button, *b*, of hemispherical or equivalent forms. Whenever the plug is to be loosened for removal, it can, after the screws *a* are taken off, be struck on the button *b* without injury.

I do not claim the cap C and screws *a*, as the same have already been used on plugs whose small ends did not protrude through the shell; but

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The plug A provided with the projecting button *b*, and made to protrude with its small end through the shell B, being held to its place at the large end, as specified.

J. EVANS JONES.

Witnesses:

CHAS. E. SCHEIDE,

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