

C. A. BEVANS.
Steam-Valve.

No. 215,315.

Patented May 13, 1879.

Fig. 1

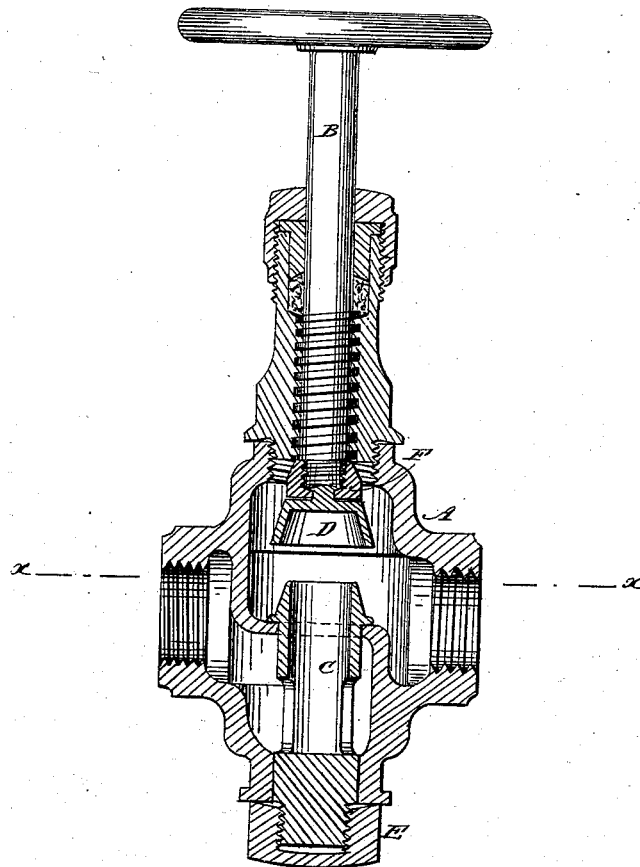
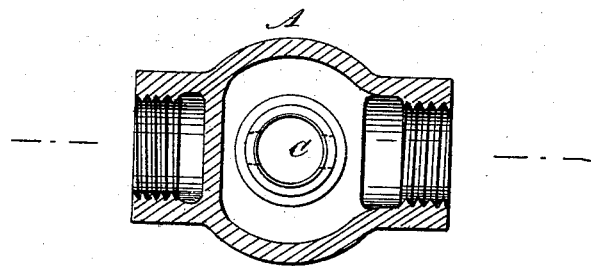


Fig. 2



WITNESSES:

C. Neveu
C. Sougwick

INVENTOR:

C. A. Bevans
BY *Mumford*
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UNITED STATES PATENT OFFICE

CHARLES A. BEVANS, OF NEW HAVEN, CONNECTICUT.

IMPROVEMENT IN STEAM-VALVES.

Specification forming part of Letters Patent No. **215,315**, dated May 13, 1879; application filed December 21, 1878.

To all whom it may concern:

Be it known that I, CHARLES A. BEVANS, of New Haven, in the county of New Haven and State of Connecticut, have invented a new and Improved Steam-Valve, of which the following is a specification.

Figure 1 is an upright sectional view of the valve. Fig. 2 is a section through *x x*.

Similar letters of reference indicate corresponding parts.

The invention consists of a steam-valve so constructed that the old and worn seats thereof may be removed and new ones put in their places without breaking the pipe-joints, without removing the valve from its connections; and the invention also embraces a conical valve-seat, which possesses special advantages.

A represents the casing; C, the valve-seat; D, the valve; B, the valve-stem, and F the

connecting-nut that receives the screw end of stem. E is the nut that holds the valve-seat by its horizontal flange firmly to the diaphragm of case.

By unscrewing the internally-threaded guide of valve-stem the valve may be lifted out, and after unscrewing the cap-nut E the valve-seat C may be drawn up vertically out of the casing.

Having thus described all that is necessary to a full understanding of the invention, what I claim as new is—

The valve-seat C, supported on the diaphragm by a horizontal flange, and held down by a cap-nut at the lower end, as and for the purpose specified.

CHARLES A. BEVANS.

Witnesses:

G. A. DOLE,
EVELYN BEECHER.