E. H. BECKWITH.

VALVE.

No. 169,510. Patented Nov. 2, 1875.

Fig. 1

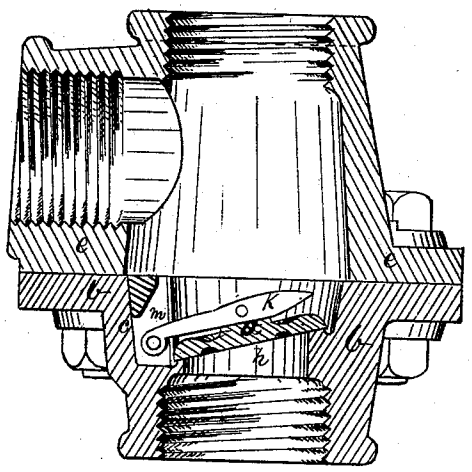
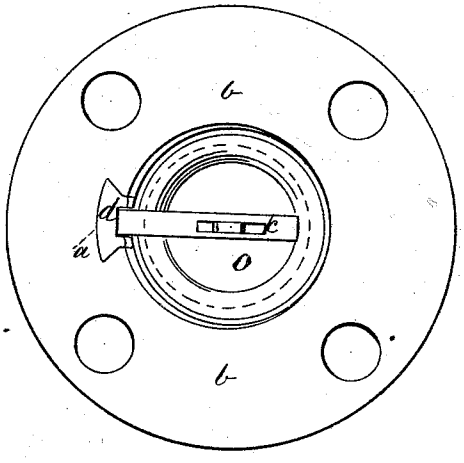


Fig. 2



Witnesses
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UNITED STATES PATENT OFFICE.

EDWARD H. BECKWITH, OF ST. PETERSBURG, PENNSYLVANIA.

IMPROVEMENT IN VALVES.

Specification forming part of Letters Patent No. **169,510**, dated November 2, 1875; application filed December 8, 1874.

To all whom it may concern:

Be it known that I, EDWARD H. BECKWITH, of St. Petersburg, county of Clarion and State of Pennsylvania, have invented an Improved Valve. The following description, taken in connection with the accompanying plate of drawings, hereinafter referred to, forms a full and exact specification, wherein are set forth the nature and principles of the invention, by which the same may be distinguished from others of a similar class, together with such parts thereof as are claimed as new, and are desired to be secured by Letters Patent of the United States.

My invention relates to that class of valves known as check-valves; and the nature thereof consists in certain improvements in the construction of the same, hereinafter shown and described.

In the accompanying plate of drawings, in which corresponding parts are designated by similar letters, Figure 1 represents a vertical section through a union-valve having my improvements applied thereto. Fig. 2 is a top view of the lower or one-way face.

A slot, *a*, is cut in the lower section of the coupling or one-way face *b*, for the reception of the valve, of such a shape as to allow the valve to be revolved into an upright position. In the side of said slot is cut an angular receptacle, *c*, for the reception of the wedge-shaped piece *d*, to which the valve is pivoted. The upper face *e* rests upon the top of the said wedge-shaped piece, and holds it firmly in position. The valve *o*, covering the opening *h*, is pivoted to the pointed rod *k*, which is hinged to said wedge-shaped piece in such a manner that when it is swung upward it will assume a vertical position. For this purpose an elongated slot, *m*, is cut in said wedge-shaped piece, for the reception of said rod. The rod is made pointed, in order to allow the valve to rotate.

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

The combination of the one-way face *b*, provided with slot *a* and angular receptacle *c*, for the reception of the wedge-shaped piece *d*; the upper piece *e*, resting upon the piece *d*, and holding it in position; the valve *o*, covering the opening *h*, and pivoted to the pointed rod *k*; the pointed rod *k*, hinged to the wedge-shaped piece, and fitting within an elongated slot cut therein.

In testimony that I claim the foregoing I have hereunto set my hand.

E. H. BECKWITH.

Witnesses:

JOHN LORSCH,

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