

E. F. BROOKS.
Coupling-Thimbles.

No. 150,517.

Patented May 5, 1874.

Fig. 1.

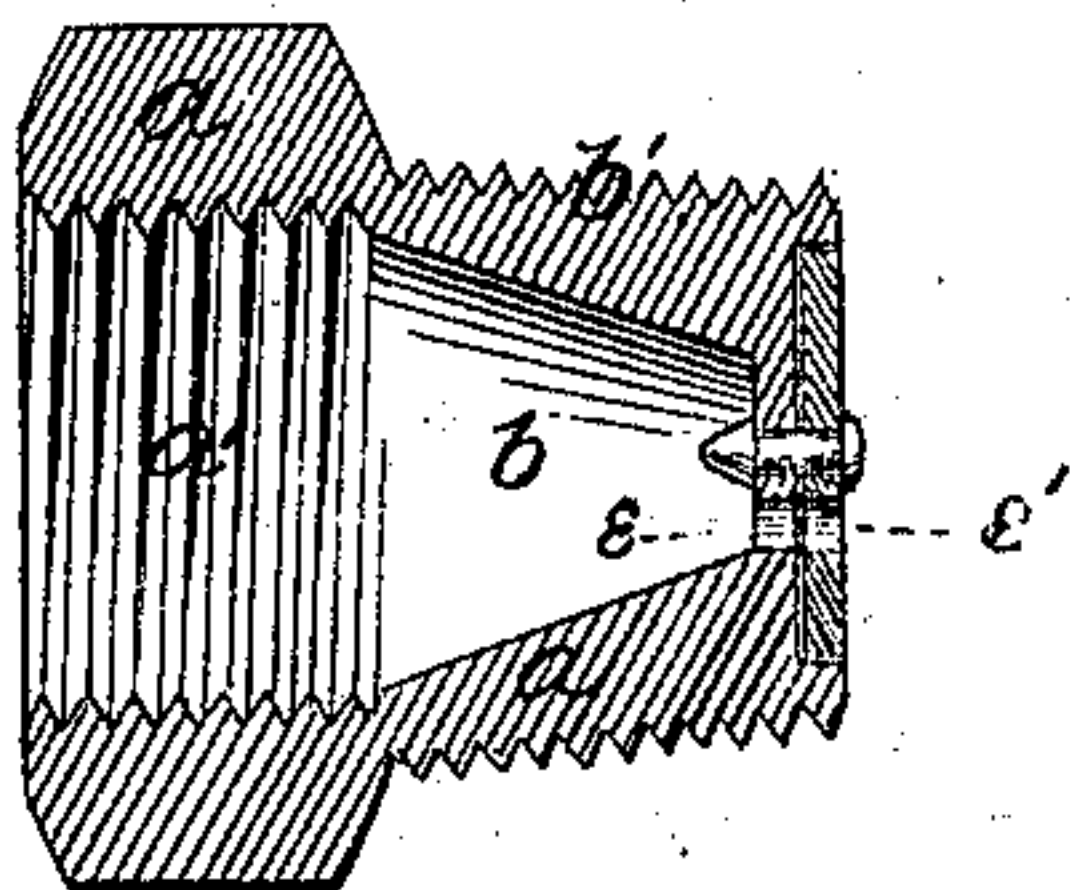


Fig. 2.

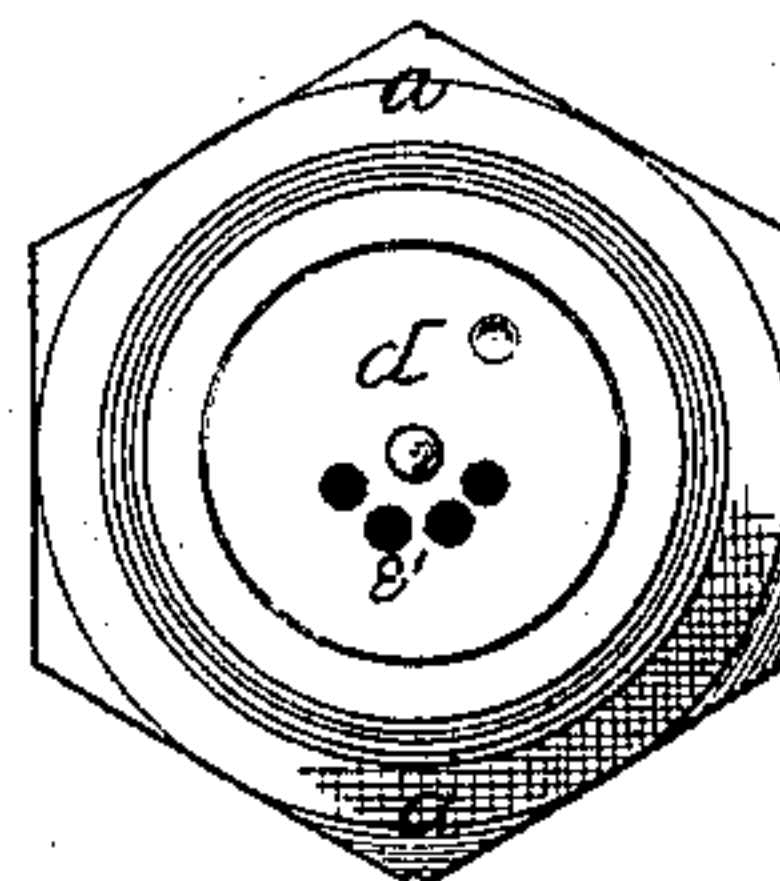
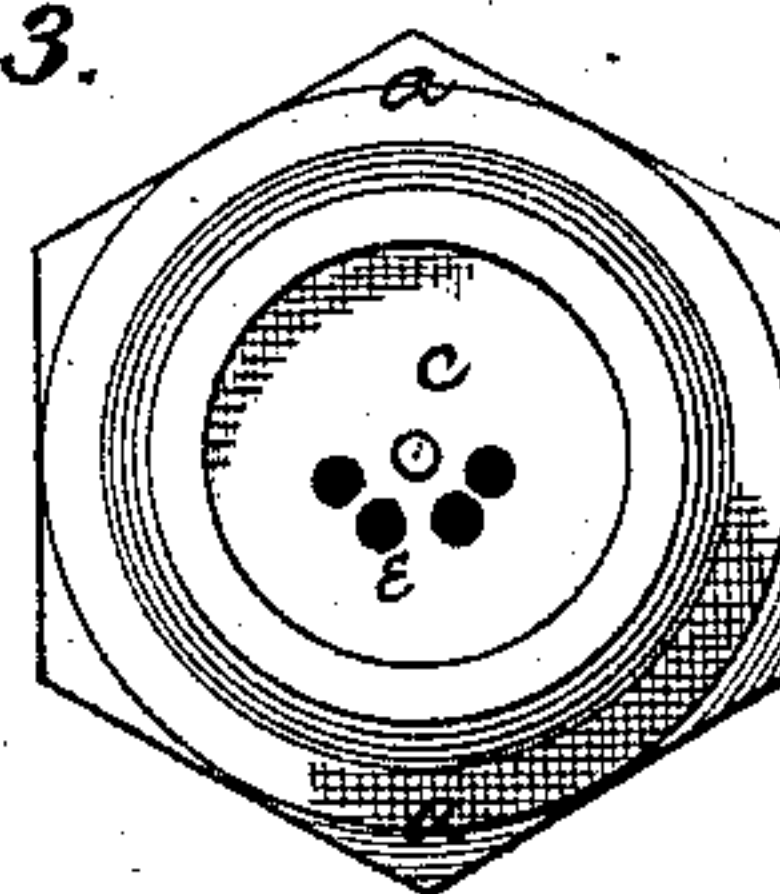
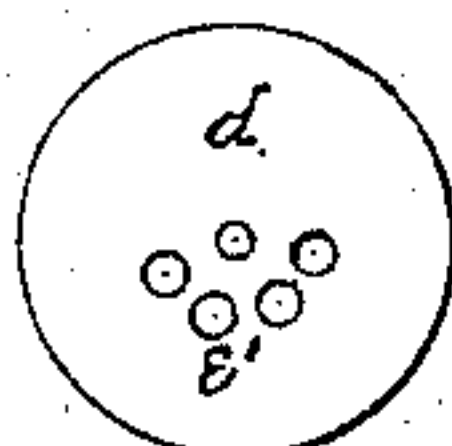


Fig. 3.



Witnesses:
G. B. Towles.
R. H. Whittles.

Inventor.
Edwin F. Brooks
by
A. C. Bradley
attorney.

UNITED STATES PATENT OFFICE.

EDWIN F. BROOKS, OF BALTIMORE, MARYLAND, ASSIGNOR OF ONE-HALF
HIS RIGHT TO CHARLES E. SEAL, OF SAME PLACE.

IMPROVEMENT IN COUPLING-THIMBLES.

Specification forming part of Letters Patent No. **150,517**, dated May 5, 1874; application filed
March 17, 1874.

To all whom it may concern:

Be it known that I, EDWIN F. BROOKS, of the city of Baltimore, State of Maryland, have invented a certain Improved Coupling-Thimble, of which the following is a specification:

This invention consists in a coupling-thimble arranged to be interposed between two sections of pipe, the closed end of which is provided with two or more small perforations, and to it is pivoted a disk correspondingly perforated, the object being, by means of the pivoted disk, to accommodate the number of the open perforations to the requirements of the consumption in the building in which the stop-valve is used, and so prevent the waste which is ordinarily consequent upon unnecessary pressure in the distributing-pipes.

In the drawings, Figure 1 is a central longitudinal section of my invention. Fig. 2 is an end view of the same, and Fig. 3 is an end view with the pivoted disk removed.

The same letter of reference is used in the various figures to indicate like parts.

a is the body of the coupling-thimble, consisting of an ordinary coupling portion, *a'*, internally threaded to receive a pipe end, and a screw portion, *b'*, to connect with an ordinary pipe-coupling. The latter portion of the thimble is provided with a coniform chamber, *b*,

closed at its outer end, and provided with two or more small perforations arranged in the arc of a circle. Externally, this end is turned or channeled to seat the disk *d*, centrally pivoted, and provided with a series of perforations corresponding with those in the thimble. By turning this disk in either direction, the holes, or any of them, can be opened or closed, and the proper number to supply the demands of the house fixed.

This invention is particularly adapted and designed for use in gas-pipe, and will save the pipes from unnecessary pressure, and incidentally relieve the meter from its tendency to register more than has been consumed.

I claim as my invention—

1. A connecting-thimble, to be interposed between two sections of pipe, provided with an adjustable stop-valve, for the purpose specified.

2. The connecting-thimble *a*, provided with a coniform chamber, *b*, perforations *c*, and pivoted disk stop-valve *d*, substantially as described.

EDWIN F. BROOKS.

Witnesses:

WM. H. FINCKEL,
A. C. BRADLEY.