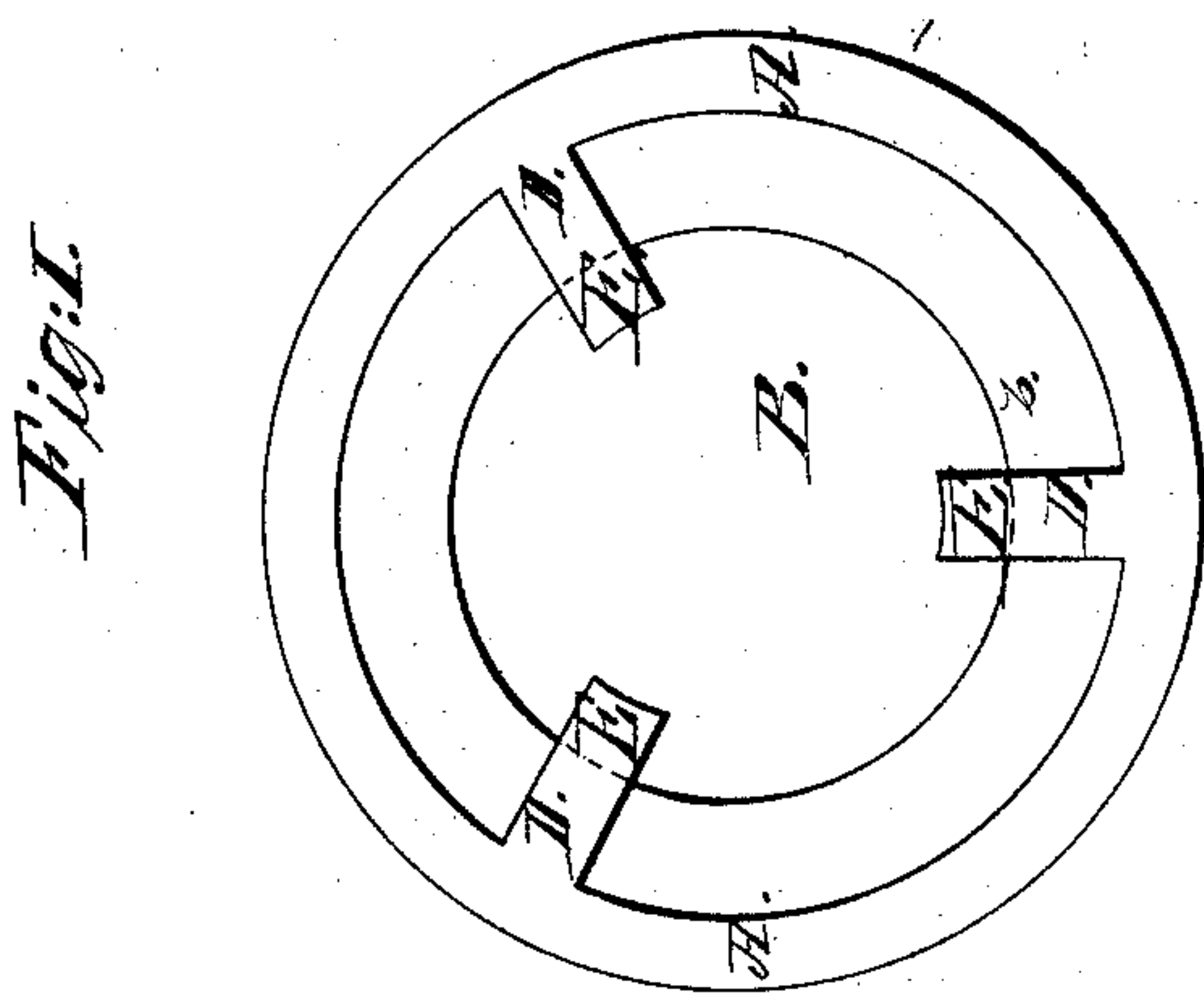
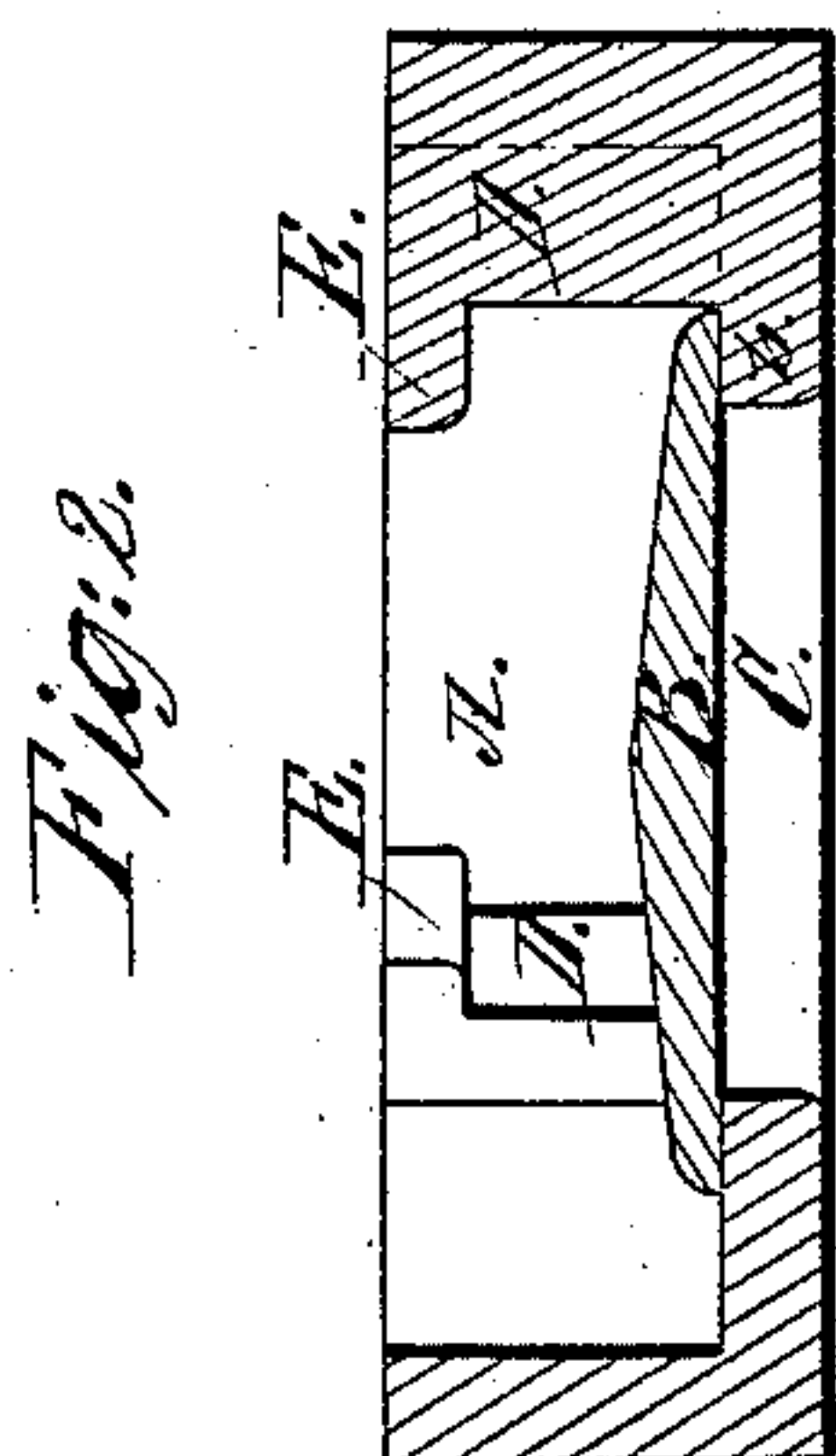


J. Peabody,
Pump-Valve Box,
No 55,531, *Patented June 12, 1866.*



Witnesses:

J. P. Hale Jr
G. H. Washburn

Inventor.

Jefferson Peabody

by his attorney.

R. H. Eddy

UNITED STATES PATENT OFFICE.

JEFFERSON PEABODY, OF DIXMONT CENTRE, MAINE.

IMPROVEMENT IN VALVES.

Specification forming part of Letters Patent No. **55,531**, dated June 12, 1866.

To all whom it may concern:

Be it known that I, JEFFERSON PEABODY, of Dixmont Centre, in the county of Penobscot and State of Maine, have invented an Improved Valve-Box for Pumps; and I do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a top view, and Fig. 2 a transverse section, of it.

The said box is to have a flat plate or disk-valve to rest on and play vertically with respect to an opening made through the bottom of the case of the box. The said case may be made either cylindrical or of any other form in horizontal section, and is to be open at top and closed at bottom, except in having an opening, as above mentioned, in such bottom and underneath the valve. The chamber of the case should have a width or diameter greater than that of the valve, and there should be arranged within such case and close to the perimeter or periphery of the valve, as the case may be, a series of vertical guides provided with projections or stops, the same serving to direct the valve in its movements and to ar-

rest it from going beyond a fixed altitude above its seat.

In the drawings, A denotes the valve-case, of which C is the passage through the valve-seat *b*. B is the valve, which, in this instance, is a disk. D D D are the three upright guides fixed within the case A and raised above the circumference of the valve, each guard having a stop, E, projecting from it and over the valve, in manner as shown in Fig. 2.

From the above it will be perceived that when the valve is elevated off its seat and up to the stops there will be passages concentric with the valve for the escape of fluid by the valve after such fluid may have passed up through the opening C.

What I claim as my invention is—

The improved valve-box as made with the case A, series of valve-guides D D D, and stops E E E, arranged with respect to the valve B and the opening C of its seat substantially in manner as described.

JEFFERSON PEABODY.

Witnesses:

P. WHITE,
S. P. CUSHMAN.