

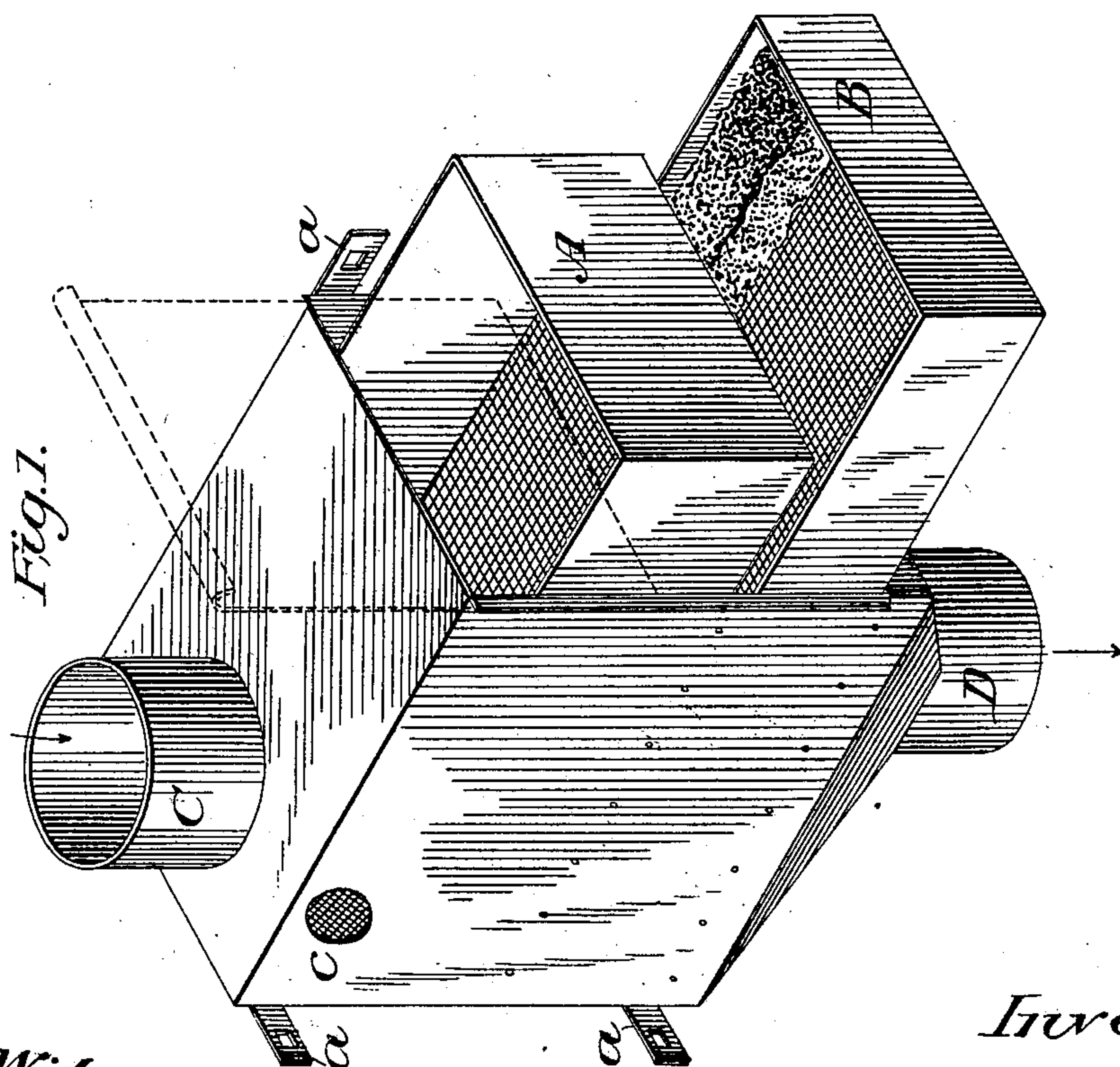
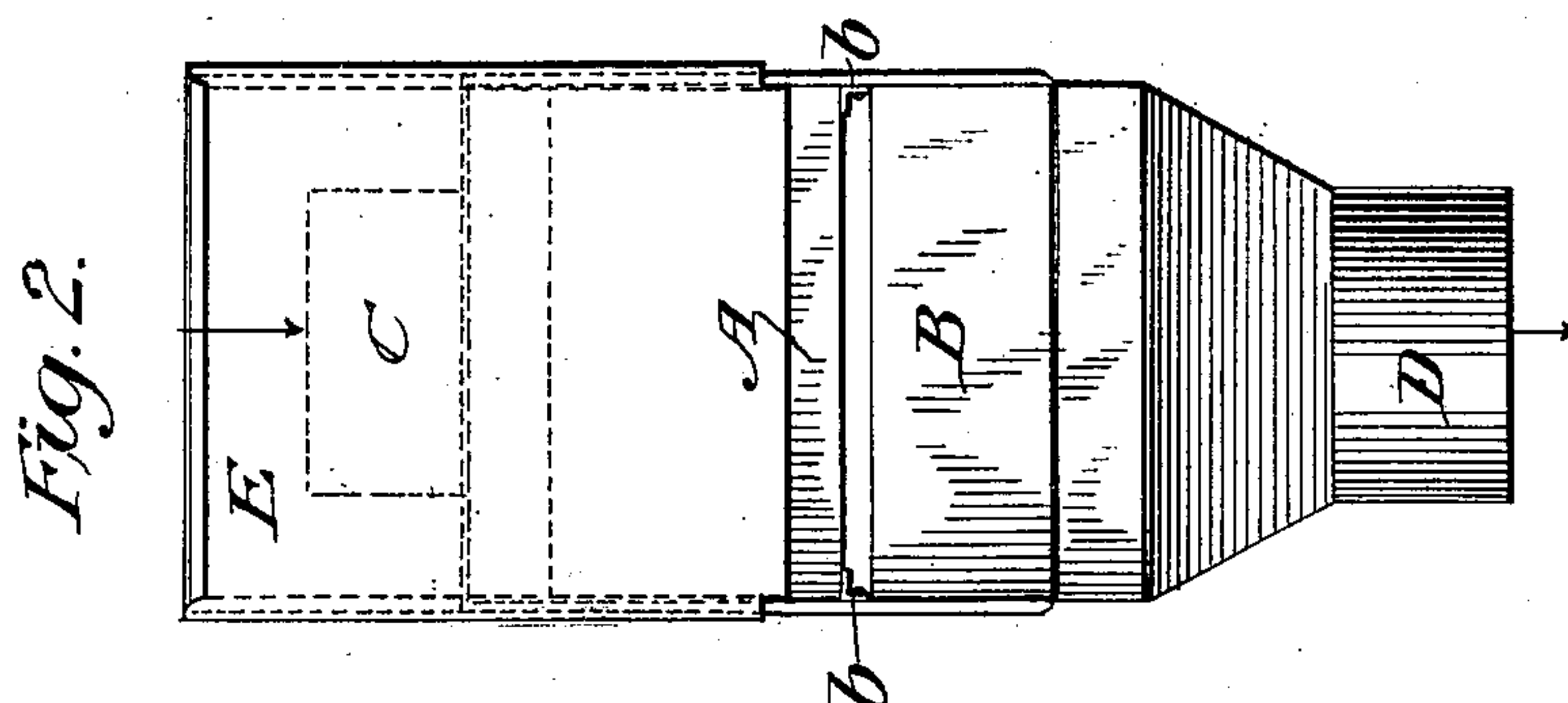
No. 677,773.

Patented July 2, 1901.

O. BURBRIDGE.
FILTER.

(Application filed July 16, 1900.)

(No Model.)



Witnesses:

Wm. Marsh
Clyde Stearns

Inventor:

Ora Burbridge

UNITED STATES PATENT OFFICE.

ORA BURBRIDGE, OF FARMINGTON, ILLINOIS.

FILTER.

SPECIFICATION forming part of Letters Patent No. 677,773, dated July 2, 1901.

Application filed July 16, 1900. Serial No. 23,779. (No model.)

To all whom it may concern:

Be it known that I, ORA BURBRIDGE, a citizen of the United States, residing at Farmington, in the county of Fulton and State of Illinois, have invented a new and useful Filter, of which the following is a specification.

My invention consists of an oblong receiver of size suitable for the place, to be made of tin or other sheet metal and constructed with door and drawers, and when attached to the building and spouting its interior will be of easy access for cleaning and refilling with filtering materials for cleansing and purifying the water before it enters the cistern, thus obviating the necessity of removing the filter from the spouting or cleaning out the cistern. I attain these objects by a filter with door and drawers, as illustrated in the accompanying drawings, of which—

Figure 1 is a perspective view, and Fig. 2 is a front view.

Letter A, Fig. 1, is a slide-drawer with wire-screen bottom to catch all leaves, bugs, worms, or other litter that do not dissolve in the water, but pass down the spouting.

Letter B, Fig. 1, is a slide-drawer with perforated or screen bottom to hold charcoal, gravel, or other materials for filtering and purifying the water.

The drawers A and B, Fig. 1, are adjustable and rest on bars or supports, (lettered b, Fig. 2,) crossing the filter below each drawer.

Letter C, Fig. 1, is a connection of the filter with the spouting above.

Letter D, Fig. 1, is a connection of the filter with the spouting below.

Letters a a a, Fig. 1, are metal hasps to at-

tach the filter to the building at convenient places for support.

Letter c, Fig. 1, is a screened opening for ventilation, waste, and overflow.

Letter E, Fig. 2, is a water-tight slide-door, shown open or drawn up, disclosing the drawers A and B closed, Fig. 2, which door is constructed of sheet metal, like the receiver, the side edges turned back and inward, so as to form a groove on each side edge of the door that fit over corresponding flanges on the body of the receiver, made by turning the edges at the door outward or back, so that when the door is shoved down or closed the lower end of the door slides inside the receiver, making it practically water-tight; but to insure it being entirely so I line the face of the flanges with rubber or other effective packing material.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination with the receiver provided with the screened ventilator-opening of the adjustable drawers and the water-tight door arranged to slide upon the front of the receiver its lower end entering inside the receiver when the door is closed substantially as described.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, at Farmington, Illinois, this 12th day of July, 1900.

ORA BURBRIDGE. [L. S.]

Witnesses:

A. A. LUCKEY,
W. S. WRIGHT.