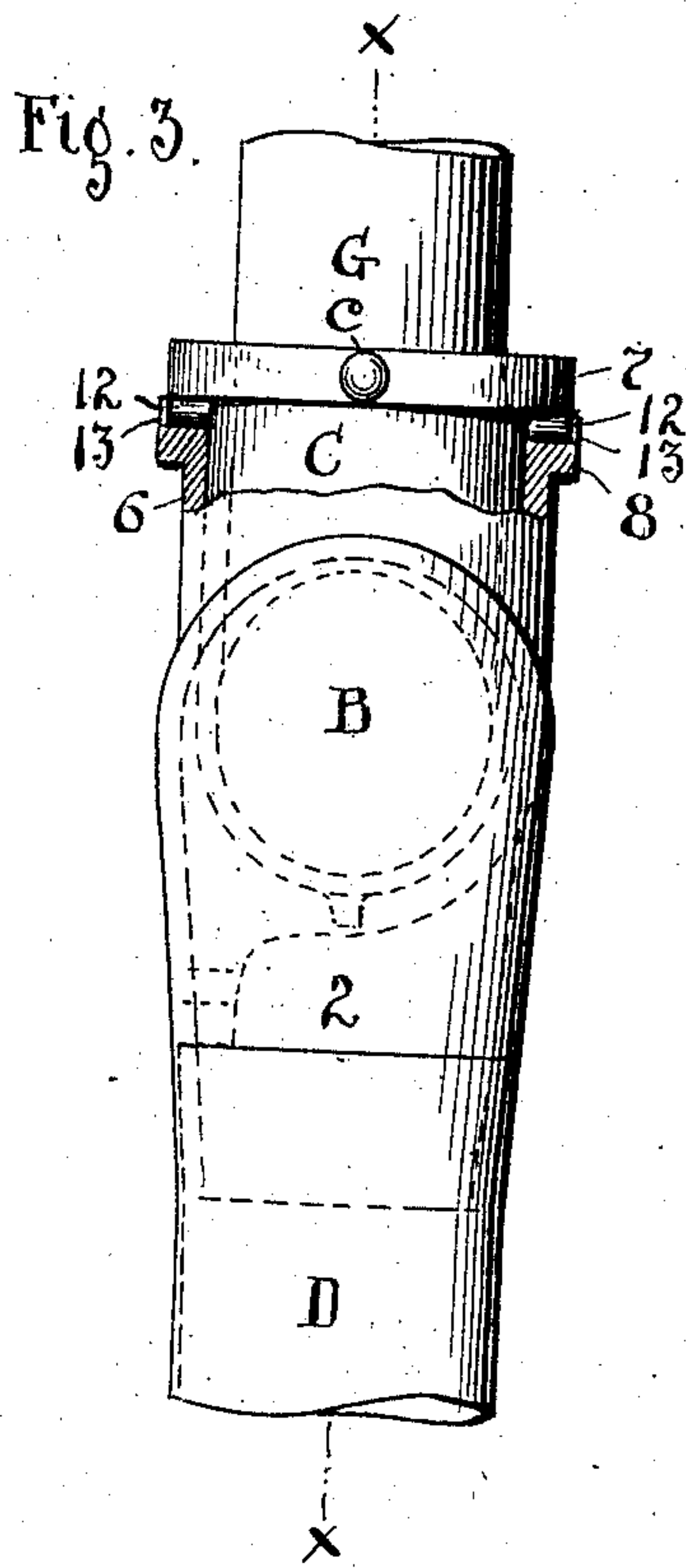
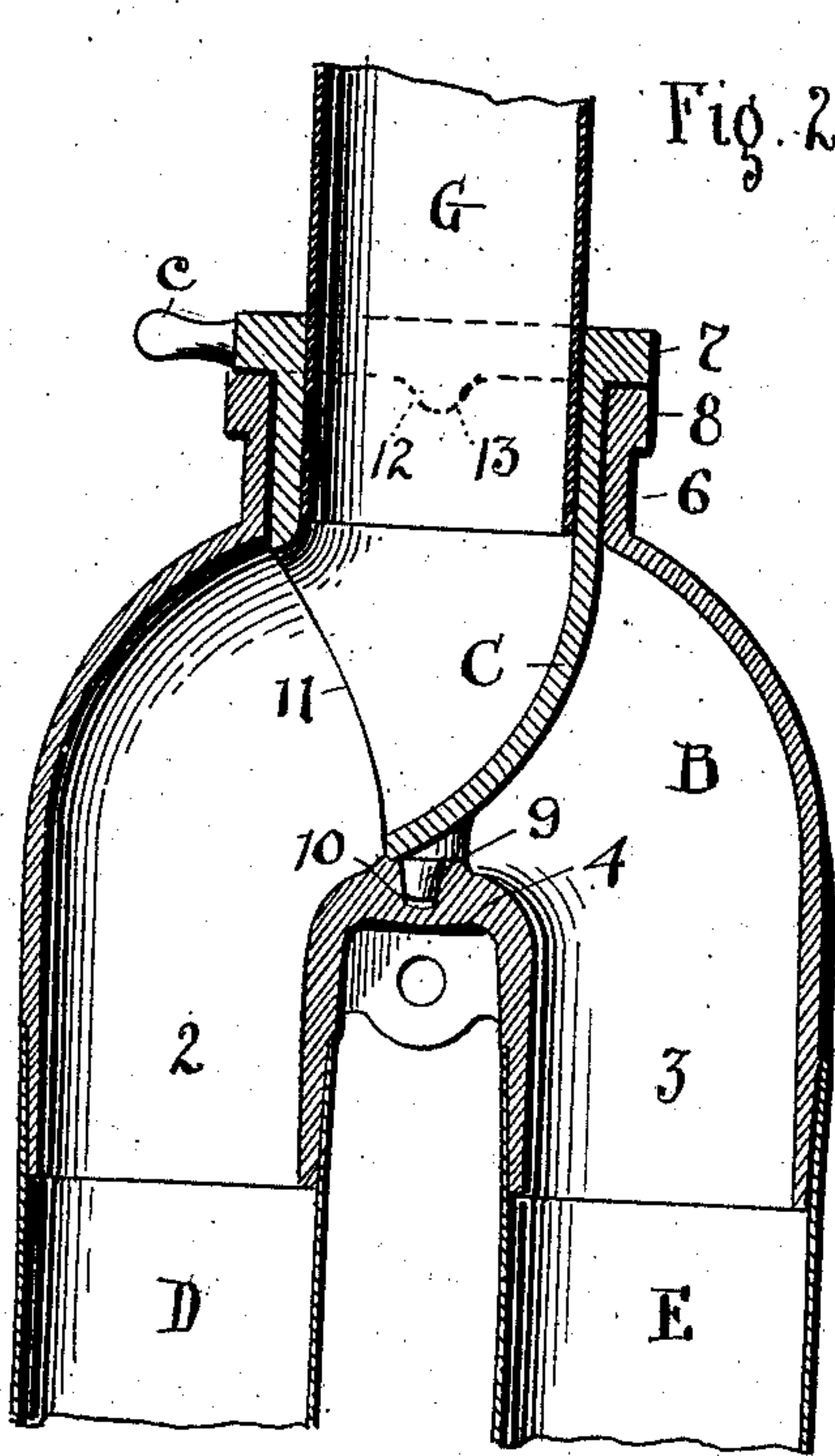
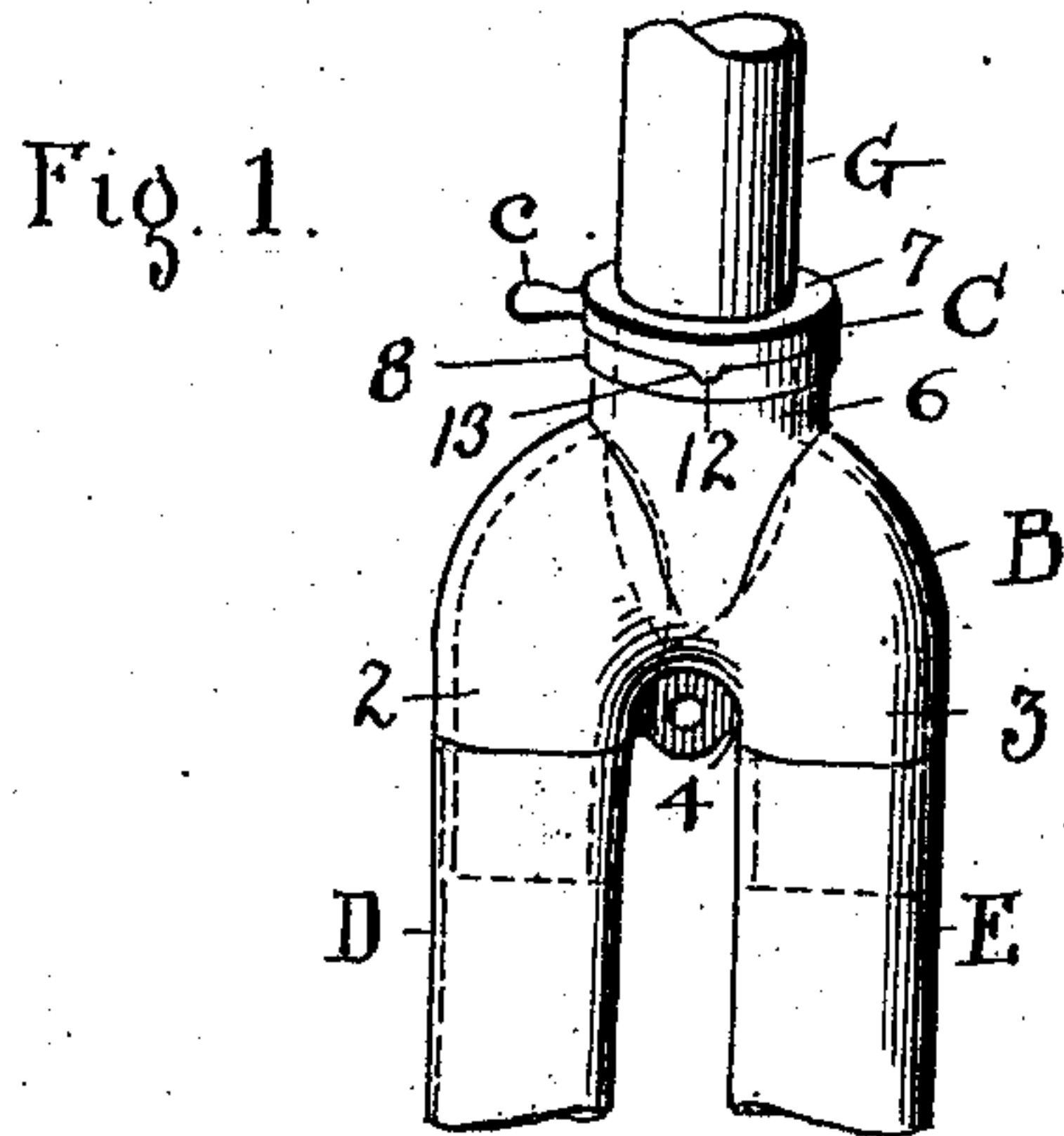


No. 850,762.

PATENTED APR. 16, 1907.

J. P. KOLLA.
WATER SPOUT CUT-OFF.
APPLICATION FILED FEB. 19, 1906.



ATTEST.
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JOHN P. KOLLA, OF AKRON, OHIO, ASSIGNOR OF ONE-THIRD TO A. H. LANDWHER AND ONE-THIRD TO G. C. BOWMAN, BOTH OF HOLLAND, MICHIGAN.

WATER-SPOUT CUT-OFF.

No. 850,762.

Specification of Letters Patent.

Patented April 16, 1907.

Application filed February 19, 1906. Serial No. 301,803.

To all whom it may concern:

Be it known that I, JOHN P. KOLLA, a citizen of the United States, residing at Akron, in the county of Summit and State of Ohio, have invented certain new and useful Improvements in Water-Spout Cut-Offs; and I do declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to cut-offs for water-spouts; and the invention consists in a suitable casing adapted to have the water-spouts engaged therewith and provided with a circular seat for a rotatable cut-off or switch set into the seat from above, all substantially as shown and described, and particularly pointed out in the claim.

In the accompanying drawings, Figure 1 is a perspective elevation of the device complete and showing the pipes connected therewith. Fig. 2 is an enlarged central vertical section of the complete device on a line corresponding substantially to $x x$, Fig. 3. Fig. 3 is an exterior view of the device partly broken away with sections of the pipes connected therewith and at right angles to Fig. 1.

As thus shown, the invention is embraced in a complete commercial article consisting, essentially, of two parts to make the same complete and operative, said parts consisting of a casing or body B and a horizontally-rotatable cut-off or switch C. The said body in any event is designed to be a rigid and substantial part in cast metal, if preferred, but also made very satisfactorily out of tile or clay molded and burned to the shape shown. This shape is somewhat peculiar and original in that the said body is split or divided centrally from near its middle downward, so as to form two circular branches or legs 2 and 3, respectively, which are divided by a crotch or center 4. Said legs or branches are circular or round in cross-section to make smooth connection with the pipes D and E beneath, and said pipes may be tin or other sheet metal or of any other material. Sometimes tile connections are found just above the ground when it is planned to set this device, and operating engagement with tile is easily effected. The body B is also circular at its top 6, in and upon which a circular seat is provided for the cut-off C. This latter part or member is designed to be freely rotatable

upon body B and has a short handle c at one side for this purpose and is further provided with a circular outer flange 7, adapted to rest on flange 8 about the neck 6 of the body; otherwise, the cut-off fits rotatably in neck 6 and is curved thence in something of a scoop form to the crotch center 4, where it has a point or lug 9, seated in a hole 10 in said center, which fixes the center of rotation of the cut-off so far as either branch 2 or 3 is concerned. At its top the said cut-off also is circular internally and adapted to receive the down-pipe G therein. As to this pipe, the connection is not designed to be close, so that the cut-off can be turned without turning the said pipe. Then, as a discharge feature for the cut-off, it is shown as terminating in an opening 11 at its bottom, the edge of which will conform to the top or mouth of either branch outlet D or E. Hence said edge 11 is at an angle of inclination relatively, as shown, to the other parts, and hence, also, the opening to one branch or leg of the body is as free and full as the other. So it occurs that having a device of this kind installed in the waterspout connections on a building the flow through the same can be directed into either of two directions, as conditions may require. Thus assuming that leg or branch D leads to a sewer-outlet, if for any reason it be desirable to cut off this direction and turn the water, say, to a surface pipe or channel it can be done even by a child by simply turning the cut-off accordingly. A small lug 12 on the flange 7 takes into one or the other notch or both notches 13 in flange 8 and fixes each adjustment according as the cut-off be in one position or the other.

Branches or legs 2 and 3 may be elbow-shaped on either or both sides in order to meet other requirements or conditions for the sewer connections.

It is to be noticed that the upper portion of the body is not only circular in its neck 6, but that the wall of said neck is straight vertically, thus forming a bearing for the correspondingly straight walled upper portion of cut-off C, which fits comfortably therein and is held in a fixed vertical relation to body B. The rim 7 is integral with said cut-off and rests down on the top thereof, except as it is raised by the lug 12, riding out of one of the notches 13 in the rotary adjustment of the cut-off. In such movement the cut-off rises

in respect to pipe G, which is loose therein, and this up-and-down movement is provided for in the length of pivot-pin 9. Furthermore, the parts are separably mounted with
5 no fastenings as such between them.

What I claim is—

In cut-offs for water-spouts, a one-part body having two separate branches at its bottom and a single neck at its top having a
10 wall with straight vertical sides and opposite notches in its top edge, in combination with a cut-off in said body having a curved lower deflecting portion for the water open across its bottom and provided with a circular
15 straight walled upper portion fitting rotata-

bly in said neck and an integral rim about its top extending over the top of said body, said cut-off being removably seated in said body through the neck thereof and having lugs on the bottom of said rim adapted to engage in
20 said notches, whereby said parts interlock as the cut-off is rotated to discharge through either of said separate lower branches.

In testimony whereof I sign this specification in the presence of two witnesses.

JOHN P. KOLLA.

Witnesses:

R. B. MOSER,

A. H. LANDWEHR.