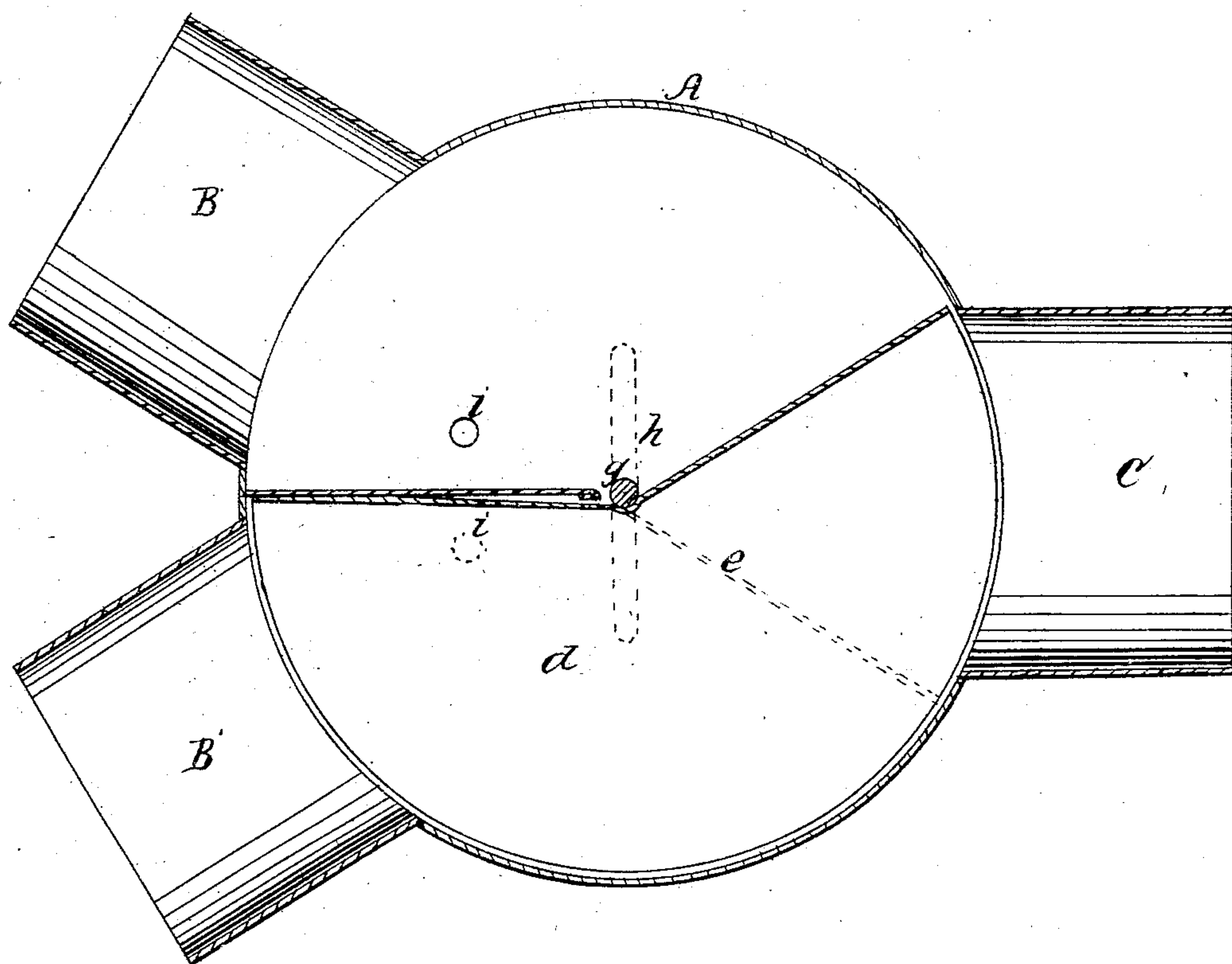


Van Norman & Young,

Water-Snout Cut-Off,

N^o 83,808.

Patented Nov. 3, 1868.



Witnesses

*J. Alfred Ellis
J. W. Mister*

Inventors

*J. Van Norman & W. Young
Per
J. H. Alexander
Atty*



JACOB VAN NORMAN AND WILLIAM YOUNG, OF EASTON, PENN
SYLVANIA.

Letters Patent No. 83,808, dated November 3, 1868.

IMPROVEMENT IN RAIN-WATER CUT-OFFS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that we, JACOB VAN NORMAN and WILLIAM YOUNG, of Easton, in the county of Northampton, and State of Pennsylvania, have invented certain new and useful Improvements in Rain-Water Cut-Offs; and we do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification, in which is represented a vertical section.

To enable others to make and use our invention, we will now describe its construction and operation.

In the accompanying drawing, A represents the drum, supplied with the exit-pipes B B', and entrance-pipe C. Upon each side, within the drum, are the semicircular pieces *d*, shaped as seen in the drawing.

e is the cut-off, which should be soldered tightly and securely to the angular sides of pieces *d d*.

g represents an axle which has its bearings at the centre of each side of the drum, and is provided with the handle *h*, seen in dotted lines.

To the axle is soldered or secured the cut-off *e*.

We would here observe that one of the semicircular pieces *d* should be stained a different color from the outside of the drum, and the same side of the drum

should be provided with two holes, *i i*, so that the stained portion shall come opposite one of said holes, when the valve is turned to its full extent, the object of which is to ascertain at a glance in what position the cut-off stands; for instance, if the water be cut off from pipe B, the fact will be indicated by the cut-off, through the holes *i*, and *vice versa*.

We do not claim the invention contained in the patent of L. W. Doty, May 29, 1866; but

What we do claim as new, and desire to secure by Letters Patent, is—

The drum A, provided with exit-pipes B B', and induction-pipe C, in combination with the cut-off *e*, and semicircular plate *d*, the drum A being provided with holes *i i*, and one of the plates *d* being stained, on its outer surface, a different color from the drum, as and for the purpose set forth.

In testimony that we claim the foregoing as our own, we affix our signatures, in presence of two witnesses.

JACOB VAN NORMAN.
WILLIAM YOUNG.

Witnesses:

BEATES R. SWIFT,
N. D. HOYT.