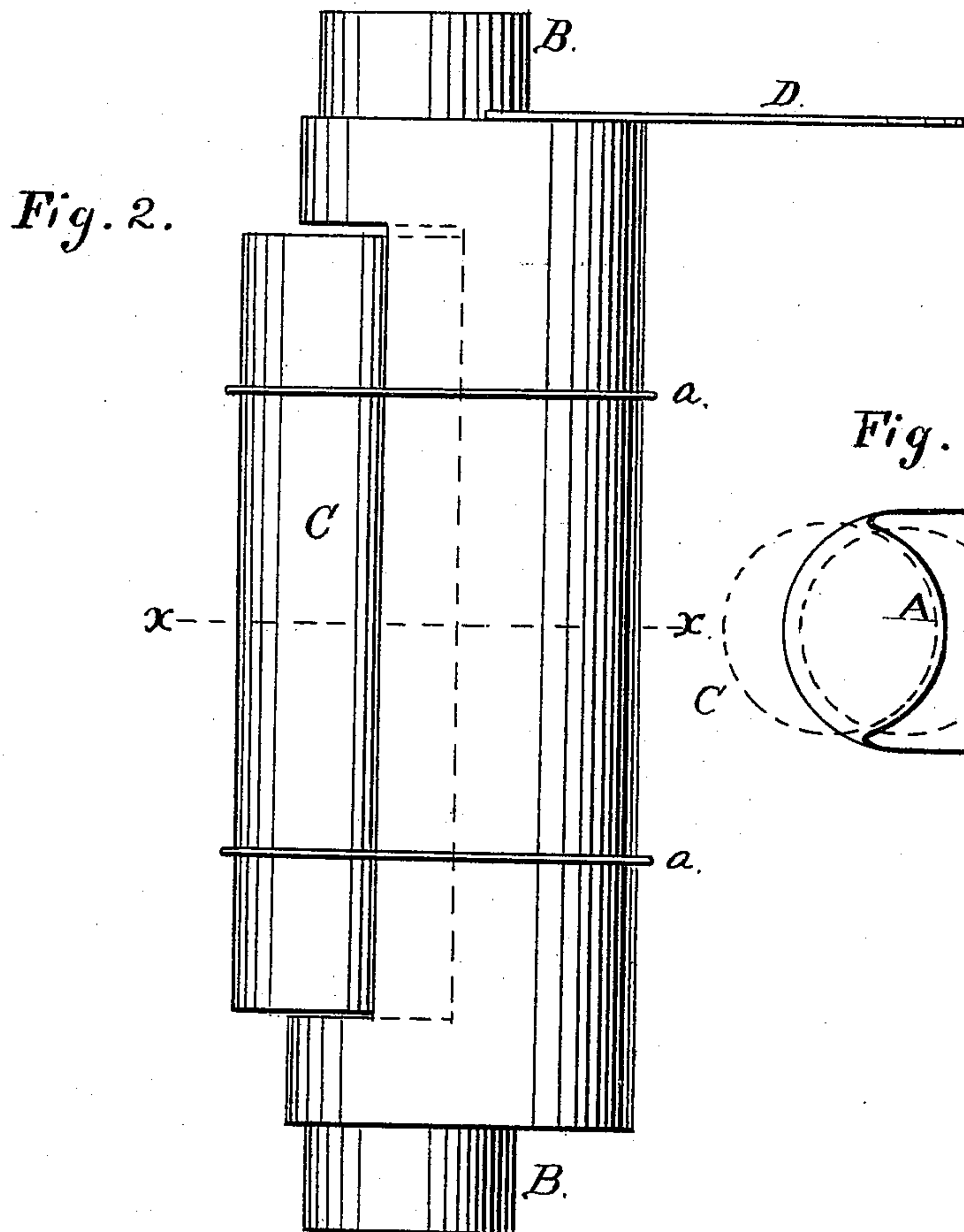
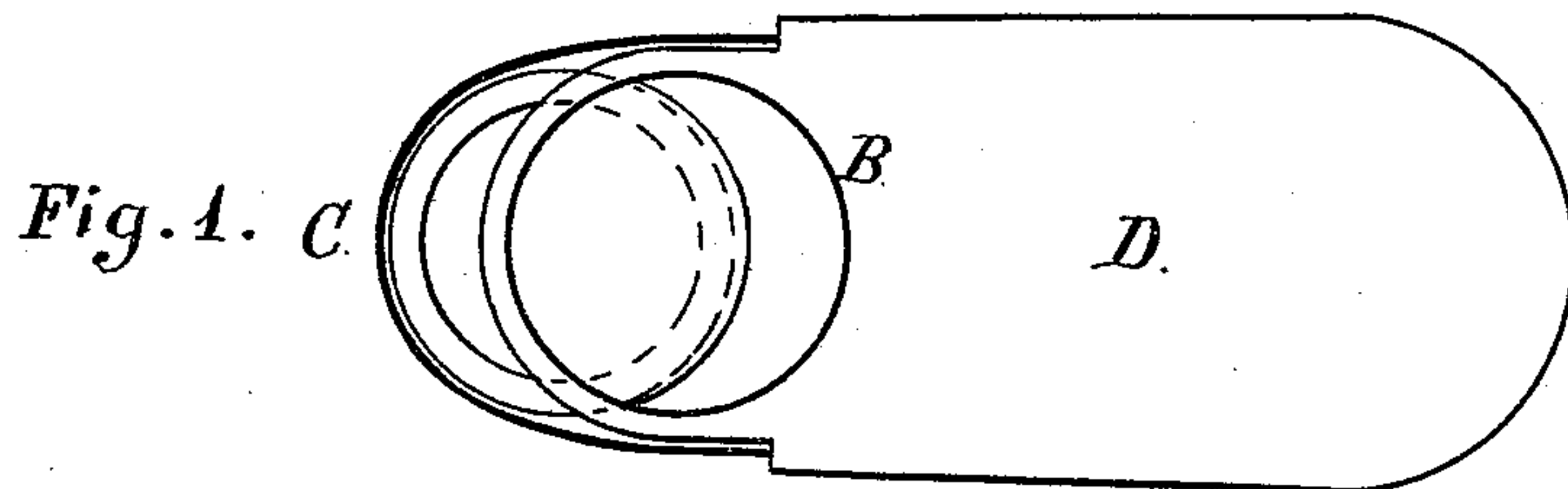


L. COLBURN.

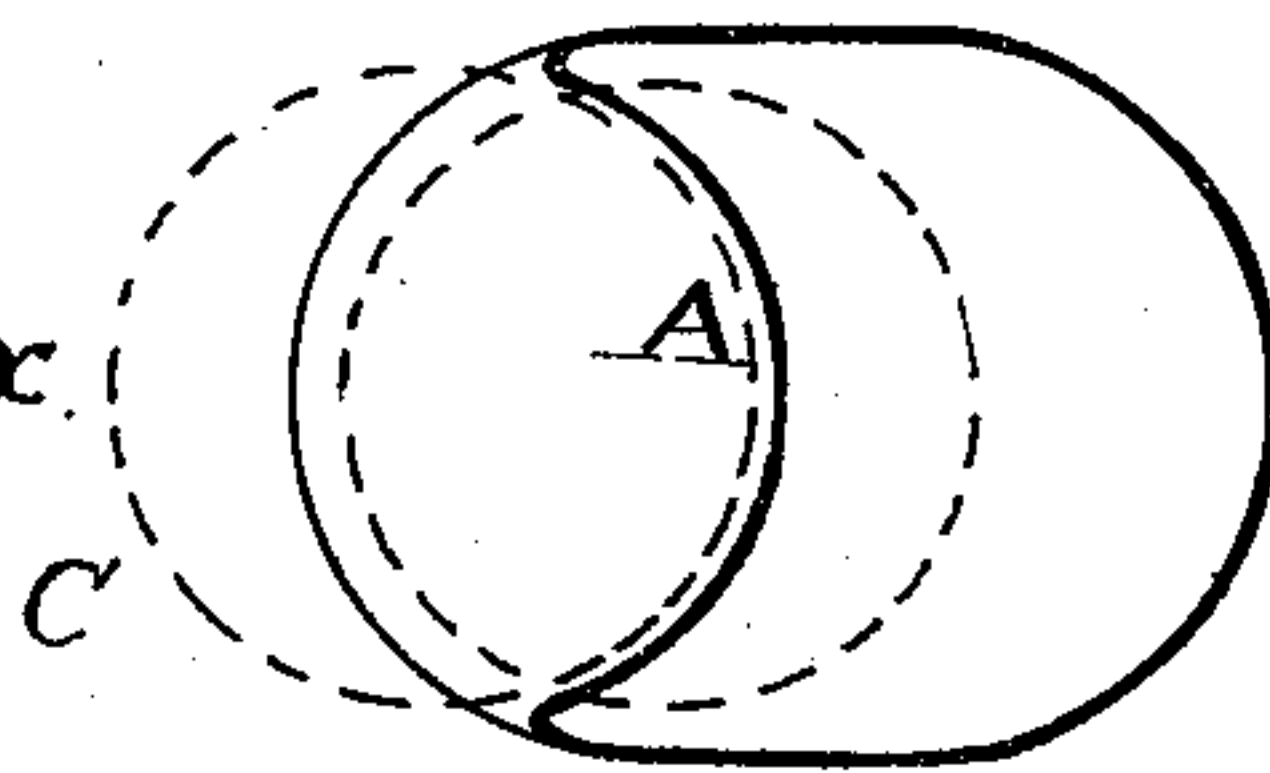
STOVE-PIPE.

No. 181,910.

Patented Sept. 5, 1876.



*Fig. 3.*



Witnesses:  
Phos. Mungen  
W. Burris

Inventor:  
Ledyard Colburn  
By G. B. Towles  
Attorney.

# UNITED STATES PATENT OFFICE.

LEDYARD COLBURN, OF CHICAGO, ILLINOIS.

## IMPROVEMENT IN STOVE-PIPES.

Specification forming part of Letters Patent No. **181,910**, dated September 5, 1876; application filed March 14, 1876.

*To all whom it may concern:*

Be it known that I, LEDYARD COLBURN, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Stove-Pipes; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 is a plan view; Fig. 2, a side elevation; and Fig. 3, a transverse section, as indicated by the line *xx* of Fig. 2.

Like letters in all the figures of the drawing indicate like parts.

This invention consists of a recess formed in a stove-pipe or heating-pipe to receive a vessel of porous material, or other vessel containing water, for supplying the atmosphere in the room with moisture by evaporation; also, in providing the said recessed pipe with a projection, to form a shelf for holding articles, as will be hereinafter more fully explained.

A is the recess, formed in a section or joint of the pipe, having connections B B on the ends thereof, to connect with pipe above and below, and constructed to allow the heat or smoke to pass freely around back of the recess. A vessel, C, of porous material, con-

taining water, is placed in the recess, and secured therein by passing a wire, *a*, around the vessel and pipe. The recess partially incloses the vessel, leaving a sufficient portion of its surface exposed, by which the water may evaporate as it percolates through the pores of the vessel, thus supplying the atmosphere of the room with moisture, and thereby rendering it more healthy.

D is a projection, which may be cast with, or attached to, the top of the recessed pipe, and which forms a shelf to receive and hold articles.

Having thus fully described my invention, what I claim therein as new, and desire to secure by Letters Patent, is—

1. The section or joint of a stove-pipe having recess A, constructed and adapted to receive a water-vessel, substantially as and for the purpose set forth.

2. The combination of shelf D, joint of stove-pipe provided with recess A and connections B B, and vessel C, substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own invention I affix my signature in presence of two witnesses.

LEDYARD COLBURN.

Witnesses:

GEO. W. LINVILLE,  
WM. H. MINNIX.