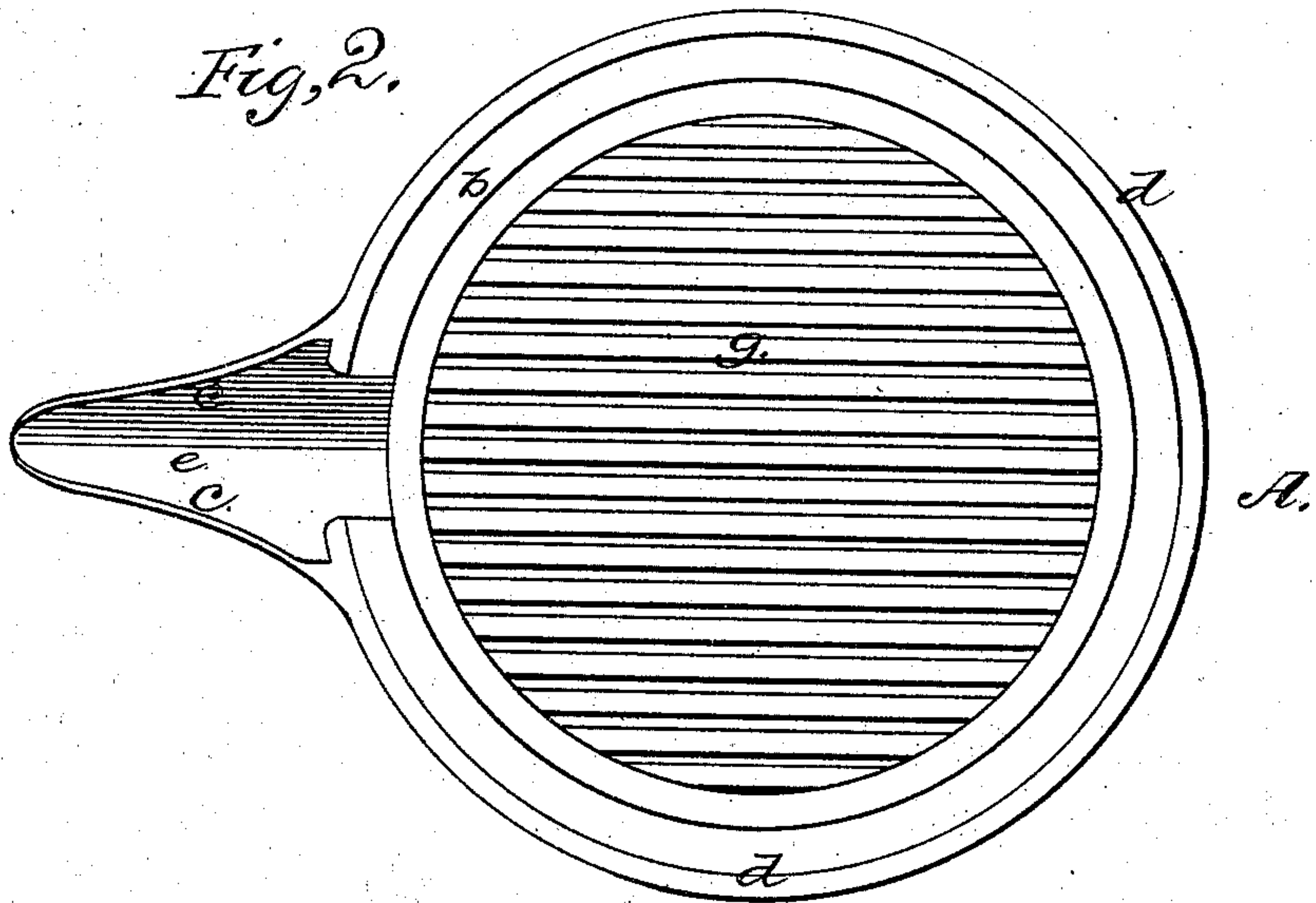
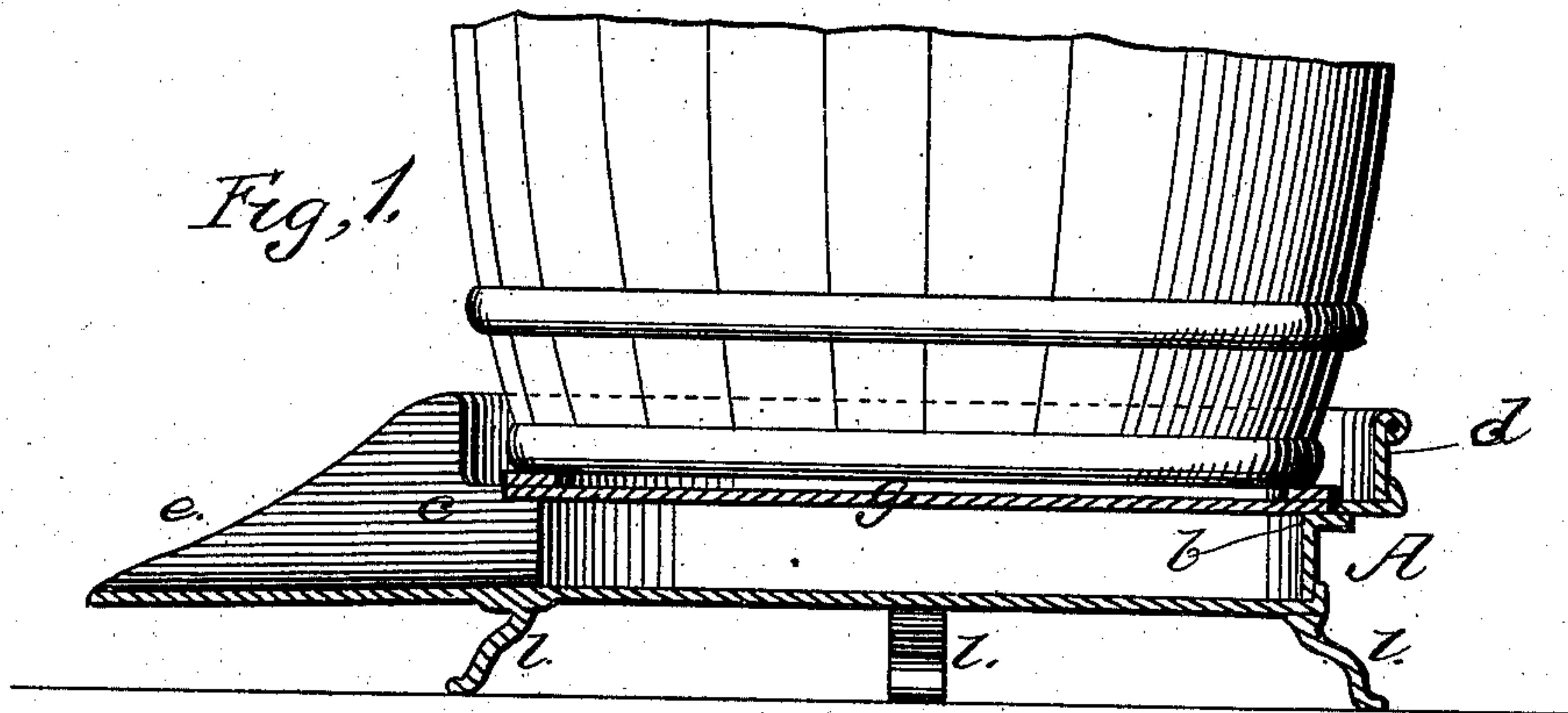


F. JONES.
Lye-Conductor for Barrels.

No. 224,698.

Patented Feb. 17, 1880.



WITNESSES
Villette Anderson.
A. J. Chas.

INVENTOR
Francis Jones
By E. W. Anderson
his ATTORNEY

UNITED STATES PATENT OFFICE.

FRANCIS JONES, OF DUFFIELD'S, WEST VIRGINIA.

LYE-CONDUCTOR FOR BARRELS.

SPECIFICATION forming part of Letters Patent No. 224,698, dated February 17, 1880.

Application filed November 26, 1879.

To all whom it may concern:

Be it known that I, FRANCIS JONES, of Duffield's, in the county of Jefferson and State of West Virginia, have invented a new and valuable Improvement in Lye-Conductors for Barrels; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a vertical central section of my improved lye-conductor, and Fig. 2 is a plan view thereof.

This invention has relation to means for running down lye from barrels or boxes; and it consists in the construction and novel arrangement of parts, as hereinafter shown, described, and set forth in the claim.

In the accompanying drawings, the letter A designates the metallic stand, preferably made of cast-iron. It may be of circular or other form, and has within it a raised ledge, *b*, which extends around its internal wall to the spout-wall *c* on both sides. From the ledge *b* extends upward the outer or encompassing rim, *d*, which also extends around the stand to the spout-wall *c* on each side. The trough of the spout *e* is slightly inclined downward from the floor of the stand, and the spout-walls *c* extend upward to the rim portion of the stand,

as shown in the drawings. A removable grate, *g*, is designed to rest by its margin on the ledge *b*, and serves to support the box or barrel in which the ashes are placed, some straw having been first put in said box or barrel to keep the ashes from the grate.

Supporting-legs *l* may be attached to or cast with the stand, and are designed to raise it sufficiently to admit the introduction of a receiving-vessel under the spout for the lye. As the lye flows freely from the sides as well as the bottom of the barrel the ledge and broad spout prevent loss.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

The lye-conductor herein described, consisting of the cast-iron stand having the supporting-legs *l*, internal ledge, *b*, raised rim *d*, removable grate *g*, and spout *e*, having its trough extending from the floor of the stand and its wall *c* extending upward to the rim *d*, all constructed and arranged to operate as shown and described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

FRANCIS JONES.

Witnesses:

JOHN REYNOLDS JONES,
ROBERT JONES.