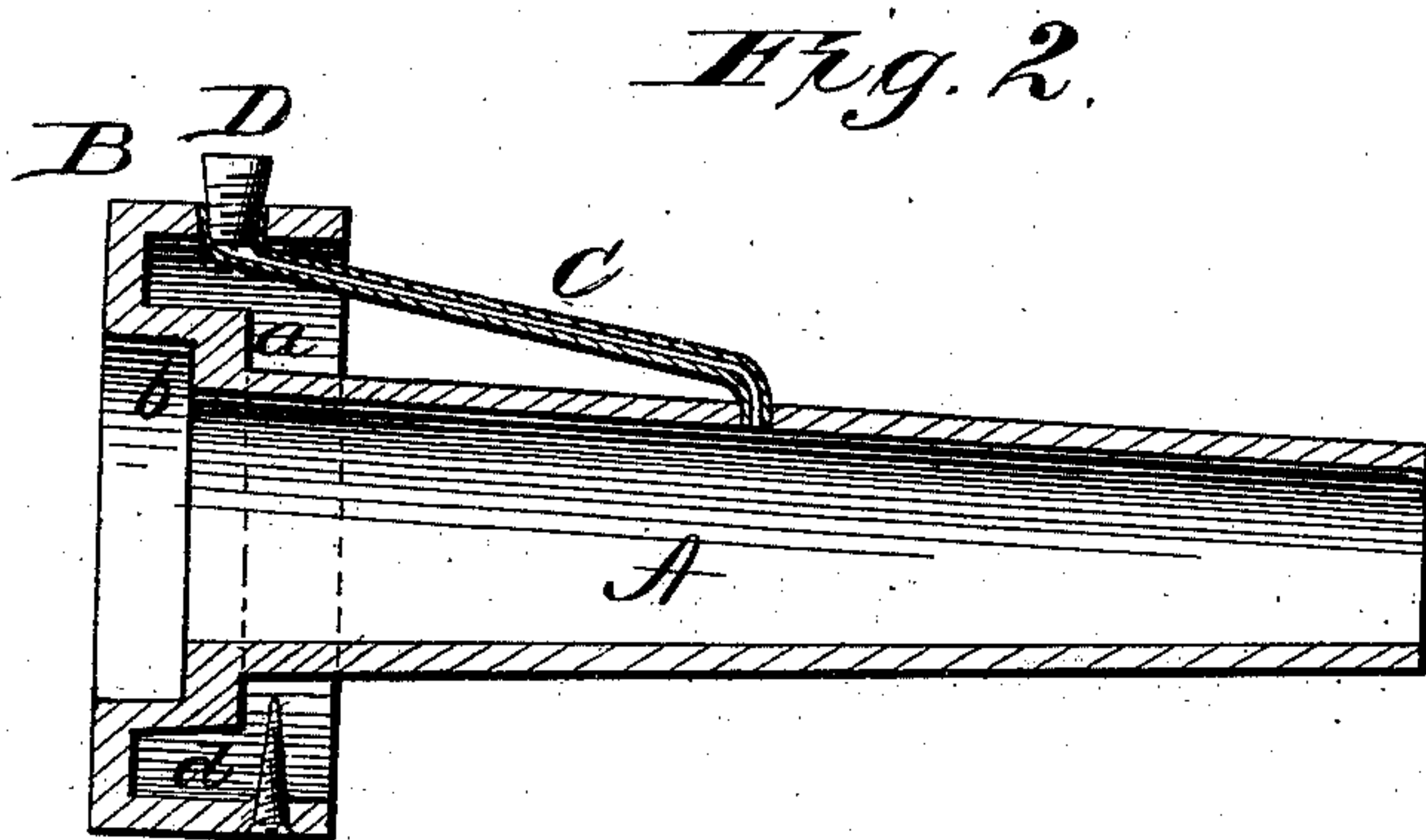
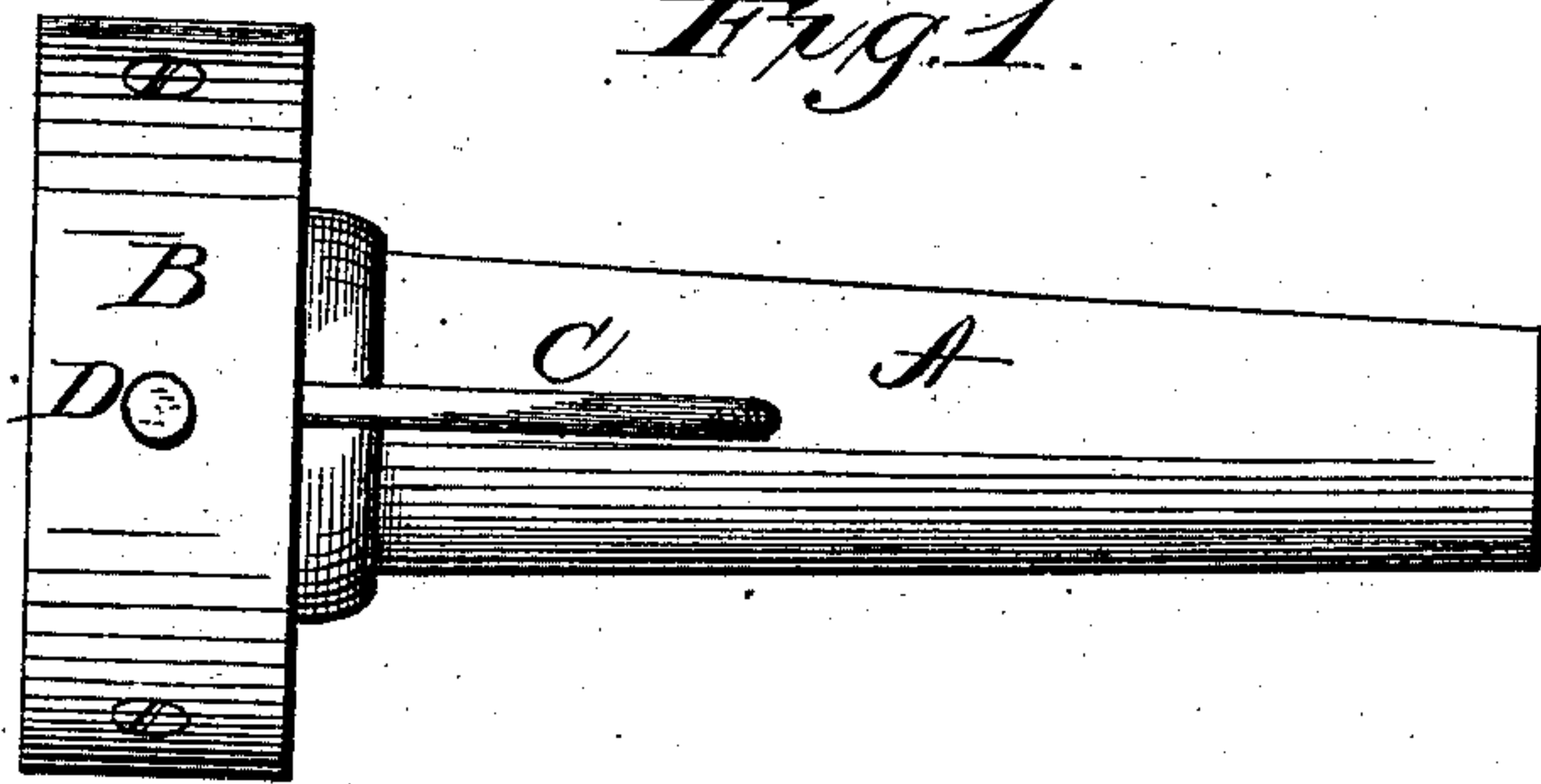


J. W. TRUEBLOOD.
Vehicle-Axle Box.

No. 225,184.

Patented Mar. 2, 1880.



Witnesses:

A. L. Oursaud.
H. Aubrey Toulmin.

Inventor:

J. W. Trueblood
By Alexander Mason
att'y

UNITED STATES PATENT OFFICE.

JEREMIAH W. TRUEBLOOD, OF BICKNELL, INDIANA, ASSIGNOR OF TWO-THIRDS OF HIS RIGHT TO JOSEPH MATZ AND JOHN B. WELLS, OF SAME PLACE.

VEHICLE-AXLE BOX.

SPECIFICATION forming part of Letters Patent No. 225,184, dated March 2, 1880.

Application filed January 10, 1880.

To all whom it may concern:

Be it known that I, JEREMIAH W. TRUEBLOOD, of Bicknell, in the county of Knox, and in the State of Indiana, have invented certain new and useful Improvements in Vehicle-Wheel Boxes; and I 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, making a part of this specification.

The nature of my invention consists in the construction and arrangement of an axle-box, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a side view of my improved axle-box. Fig. 2 is a longitudinal section of the same.

A represents the axle-box proper, made in the usual tapering form to fit an ordinary wheel-spindle. At the larger end of the box A is formed a shoulder or offset, *a*, and from the same extends a hollow cap, B. This cap forms a shoulder or offset, *b*, at the outer end, and extends a suitable distance beyond the same, and then projects outward circumferentially, and finally extends toward the other end of the box sufficiently far to form the annular recess *d*, in which the end of the hub fits.

Through the rim of the cap B is passed one end of a tube, C, said tube extending in an inclined position toward the center of the box, where the other end is inserted through a hole therein.

The collar on the spindle fits in the outer part of the cap against the shoulder *b*, while the end of the hub fits in the cavity *d* of the cap.

The tube C forms a means for oiling the spindle without removing the wheel from the spindle, and the outer end of said tube is closed by a screw or other plug, D.

The hub of the wheel is to be suitably cut out to fit over the tube C, and two or more screws are passed through the cap B and screwed into the hub to hold the cap and box in place.

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

An axle-box and hollow cap B for wheels, cast in one piece, and with an opening in the cap and box, which two openings are connected by an oil-tube, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 31st day of December, 1879.

JEREMIAH W. TRUEBLOOD.

Witnesses:

W. H. JONES,
J. S. WELLS.