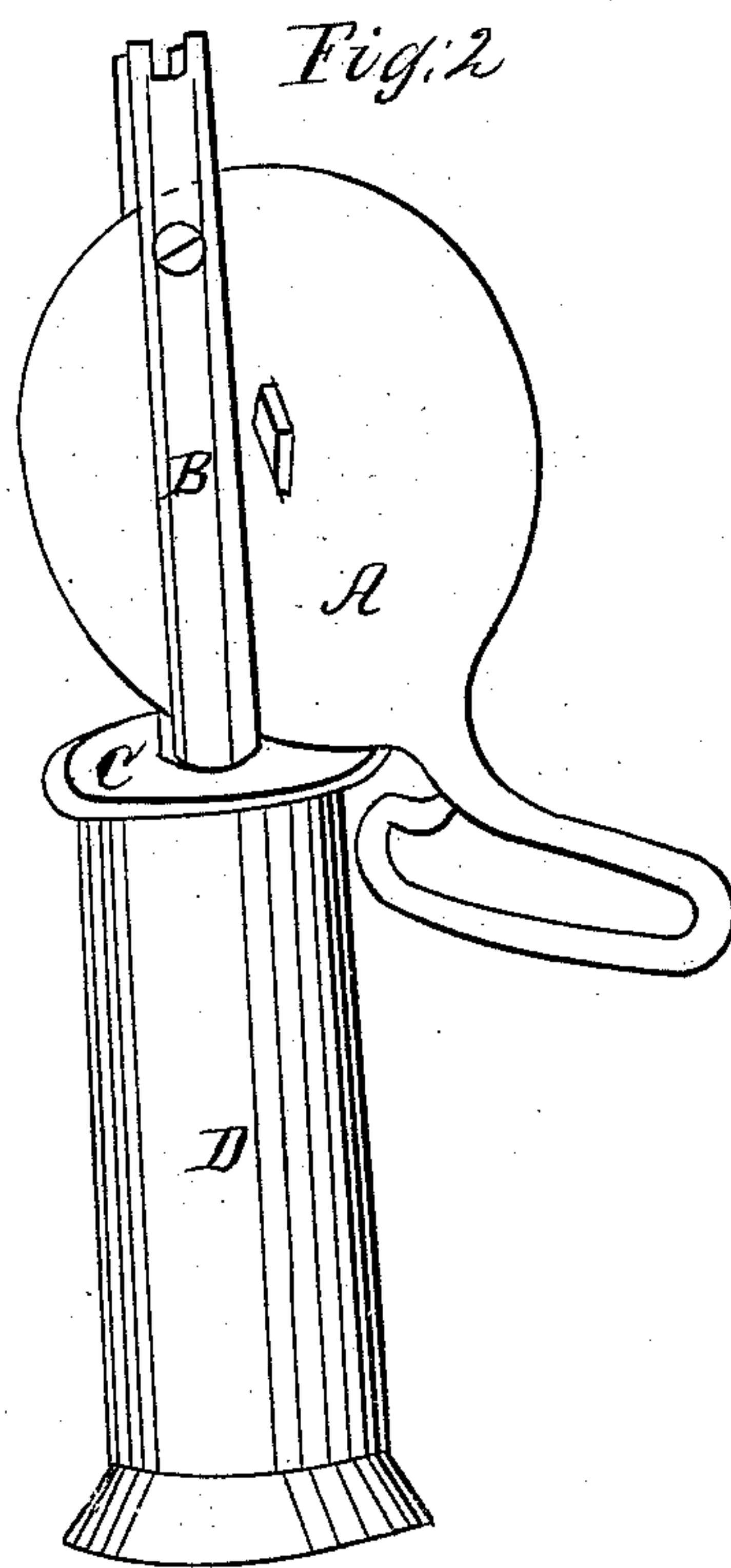
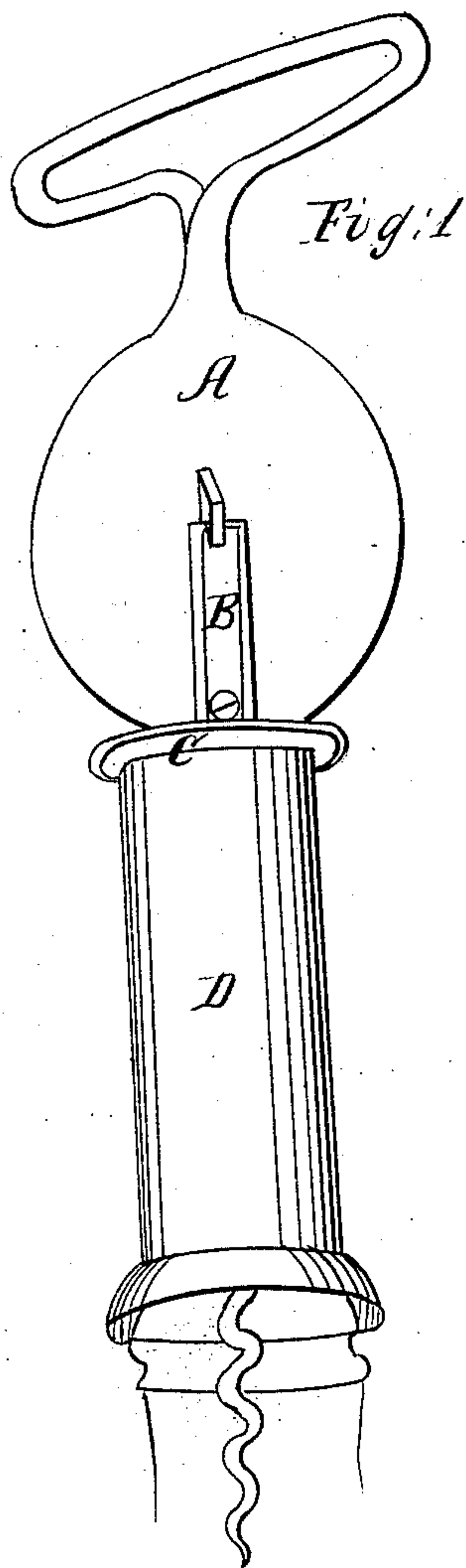


A. T. Russel,

Corkscrew,

Nº 34,216,

Patented Jan. 21, 1862.



Witnesses

S. A. Marsh
Jas. W. Keale

Inventor

A. T. Russel

UNITED STATES PATENT OFFICE.

ABRAHAM T. RUSSEL, OF NEW YORK, N. Y.

IMPROVED CORKSCREW.

Specification forming part of Letters Patent No. 34,216, dated January 21, 1862.

To all whom it may concern:

Be it known that I, ABRAHAM T. RUSSEL, of the city of New York, in the county of New York and State of New York, have invented a new and useful Machine for Raising or Drawing Corks from Bottles; 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 made to the annexed drawings, making a part of this specification, in which—

Figure 1 is a view with the corkscrew down or in the cork preparatory to raising. Fig. 2 is a view with the cork raised.

A is a cam or eccentric; B, piston; C, head or cap; D, cylinder.

The machine is constructed of a cylinder with a head or cap through which passes a piston, to the lower end of which is secured a corkscrew. The upper end of the piston passes above the head or cap of the cylinder and is left free to turn and play up and down. To the upper part of piston is attached a cam

or eccentric, which works through the upper part of said piston (being slit) resting on the cylinder head or cap, which is the bearing. By a half or part revolution of cam or eccentric the piston is raised with the corkscrew. It is operated by placing the lower end of the cylinder on the mouth of the bottle. The screw is then turned into the cork by the handle attached to the cam or eccentric, observing that the catch drops into the slots on the end of piston. The cam or eccentric is then turned with handle down, as in Fig. 2, which lifts or draws the cork out of the bottle.

What I claim as my invention, and desire to secure by Letters Patent, is—

The application of the cam or eccentric and piston as a leverage or power to attach to corkscrews for drawing corks or stopples from bottles.

A. T. RUSSEL.

Witnesses:

S. A. HEATH,
JAS. W. HALE.