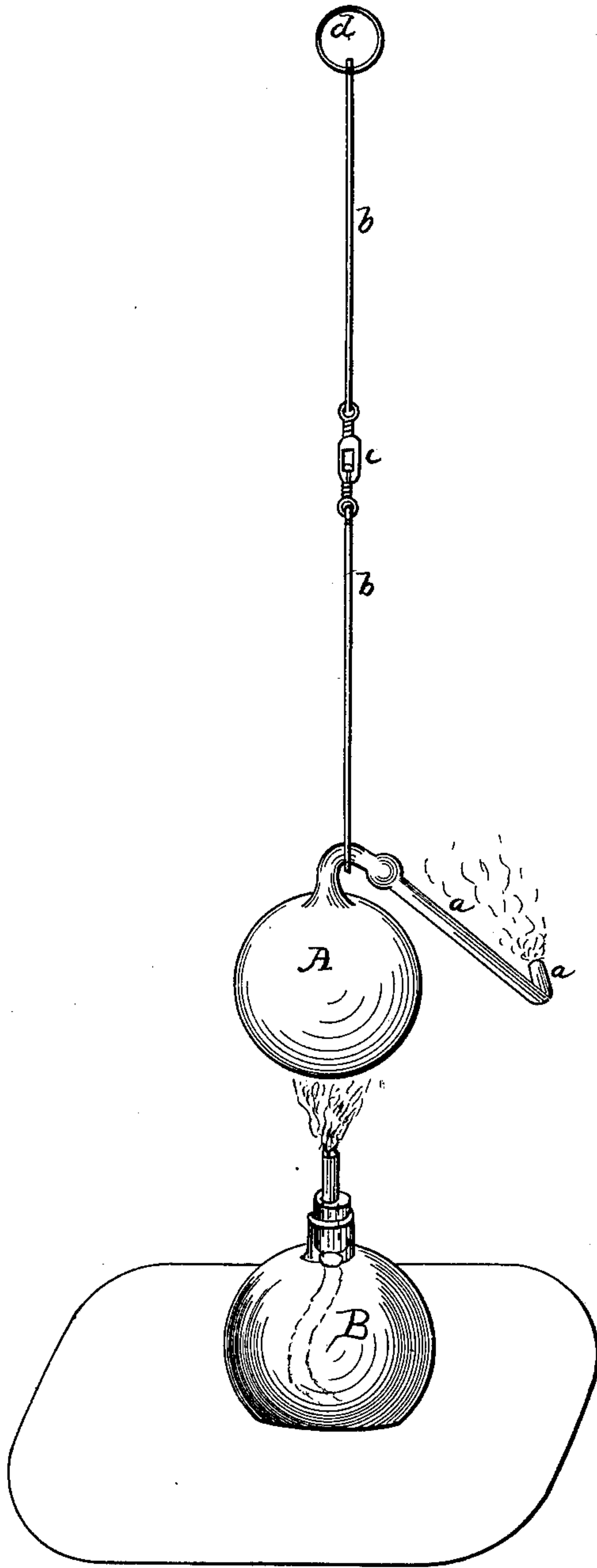


*J. L. Warner,*

*Rotary Steam Engine.*

*N<sup>o</sup> 69,873.*

*Patented Oct. 15, 1867.*



*Witnesses:*

*Theo. Tusch*

*Wm. Freun*

*Inventor.*

*Jas. L. Warner*

*Per Munro & Co*

*Attorneys*

# United States Patent Office.

JAMES L. WARNER, OF NEW YORK, N. Y.

*Letters Patent No. 69,873, dated October 15, 1867.*

## TOY ENGINE.

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

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, JAMES L. WARNER, of the city, county, and State of New York, have invented a new and improved Toy Engine; 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 make and use the same, reference being had to the accompanying drawing, forming part of this specification.

This invention relates to a new device which can be used as a very amusing and instructive toy for children, and also for diffusing perfume of any description.

The invention consists in the application of a glass boiler, which is provided at the top with one or more tubular horizontal arms. The said boiler is suspended from a wire or other rope in which a swivel is arranged to allow the boiler to revolve. The said boiler is filled with liquid of any desired description, and is suspended above a lamp so that steam is generated in the boiler, which escapes through the curved tubular arm, and by reaction rotates the boiler. If the boiler is filled with perfumed liquid, the same will be diffused through the room.

In the annexed drawing, which represents a perspective view of my invention, this toy engine is completely illustrated.

The boiler A, which is made of glass, is provided near its top with one or more curved tubular arms, *a*, which communicate with it. The boiler is suspended from a wire or other cord, *b*, in which a swivel-joint, *c*, of any desired description, is arranged. A ring or loop, *d*, is arranged on the upper end of the cord, whereon it is held either in hand or secured to some fixture. A small glass lamp, B, is filled with alcohol or some other burning-fluid, and is placed under the boiler. Steam will at once be created therein, and the boiler will revolve rapidly, the perfumed steam escaping through the arm *a*.

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

The combination of the boiler A, cord *b*, and swivel-joint *c*, with the lamp B, substantially as and for the purpose herein shown and described.

JAMES L. WARNER.

Witnesses:

WM. F. McNAMARA,

ALEX. F. ROBERTS.