

V. MILLER & H. COLE.
Vapor-Baths.

No. 149,945.

Patented April 21, 1874.

Fig. 1

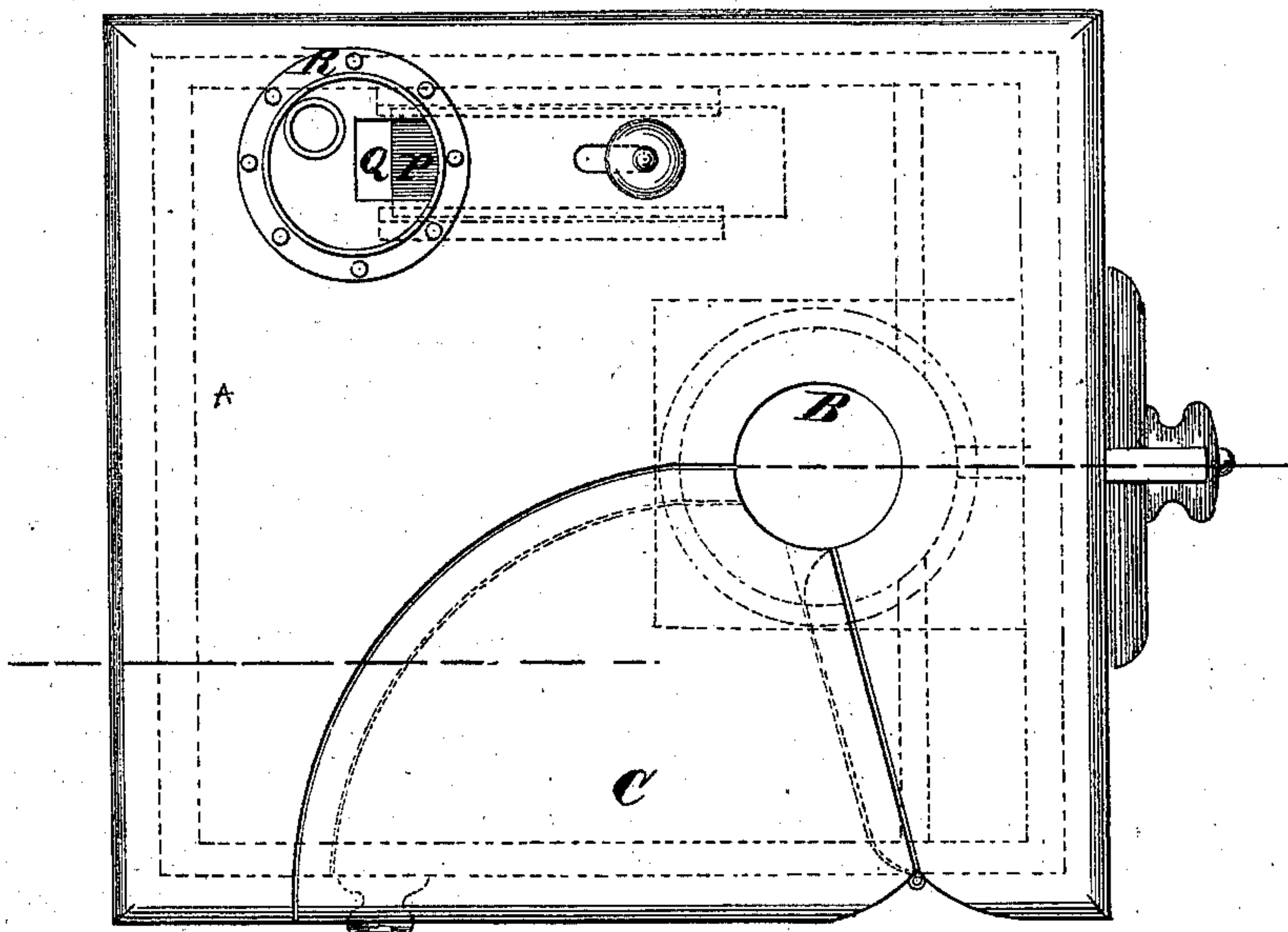


Fig. 2.

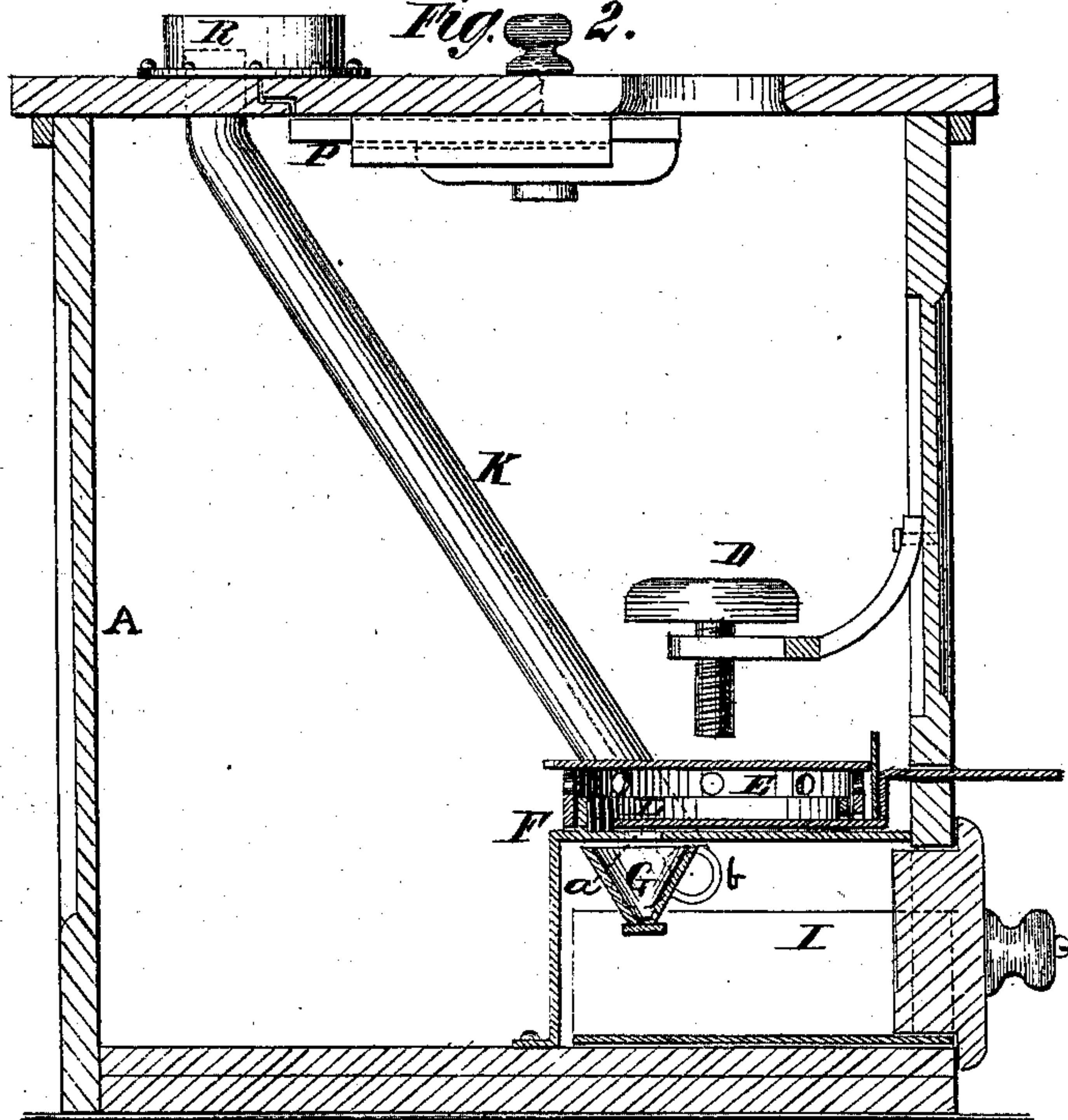
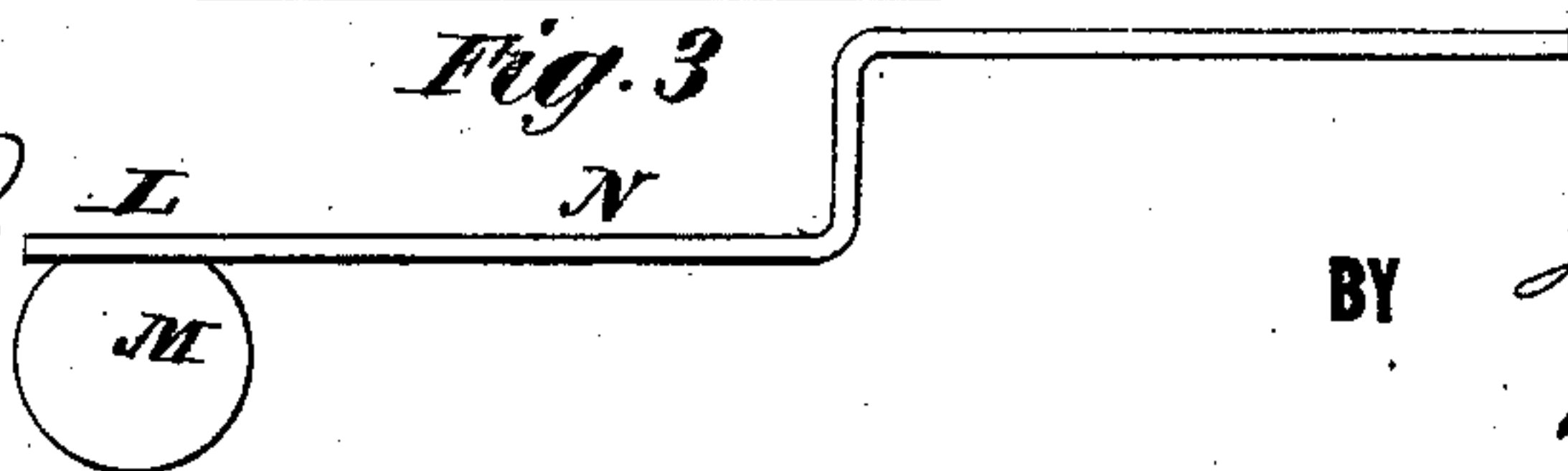


Fig. 3



WITNESSES:

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BY

UNITED STATES PATENT OFFICE.

VOLNEY MILLER AND HORACE COLE, OF ANDOVER, MISSOURI.

IMPROVEMENT IN VAPOR-BATHS.

Specification forming part of Letters Patent No. **149,945**, dated April 21, 1874; application filed November 15, 1873.

To all whom it may concern:

Be it known that we, VOLNEY MILLER and HORACE COLE, of Andover, in the county of Harrison and State of Missouri, have invented a new and Improved Vapor-Bath, of which the following is a specification:

The invention will first be fully described, and then pointed out in the claim.

Figure 1 is a plan view of our improved vapor-bath. Fig. 2 is a sectional elevation taken on the line *x x* of Fig. 1, and Fig. 3 is a side elevation of the dampers or valves for controlling the vapor.

A represents a small case for confining the vapor around the subject. It has a small hole, B, through the top, with a door, including part C of the top opening to said hole, for the patient to enter and adjust himself to inclose the whole of his body except the head. D is a vertically-adjustable seat under the hole B, under which is a vapor-distributing pan, E, which rests on the top of the tight case F, in which the vapor is produced in a pan, G, under which the alcohol-lamp is burned, said pan being mounted on a sliding pan, I, in which the lamp is placed to be put into and removed from the case. A hole through the top of case F admits the vapor up into pan E, from which it escapes in a distributed way into the room occupied by the patient. A pipe, K, extends up from case F through the

top of case A, to let the vapor escape when in excess. L represents a double damper or valve attached to the slide N, arranged with passage *a*, and the entrance *b* to pipe N, that it opens one and closes the other, so as to prevent the escape of the vapor into distributing-pan E, and open the escape through the pipe K, or the reverse, according to which way it is moved. P is a valve in the top of the case, by which the patient can open or close the escape-passage Q, and regulate the escape of the vapor from the bath while sitting in it.

The passage Q and the pipe K discharge into an escape-pipe, R, attached to the top of the case A.

This contrivance is very simple and cheap, and affords practical means of efficient application of vapor to the patient.

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

The combination, in an inclosing-case, A, of the distributing-pan E, vaporizing-case F, pan G, damper L M, and the escape-pipe K, substantially as specified.

VOLNEY MILLER.
HORACE COLE.

Witnesses:

ROSE ANDRUS,
BETSEY COLE.