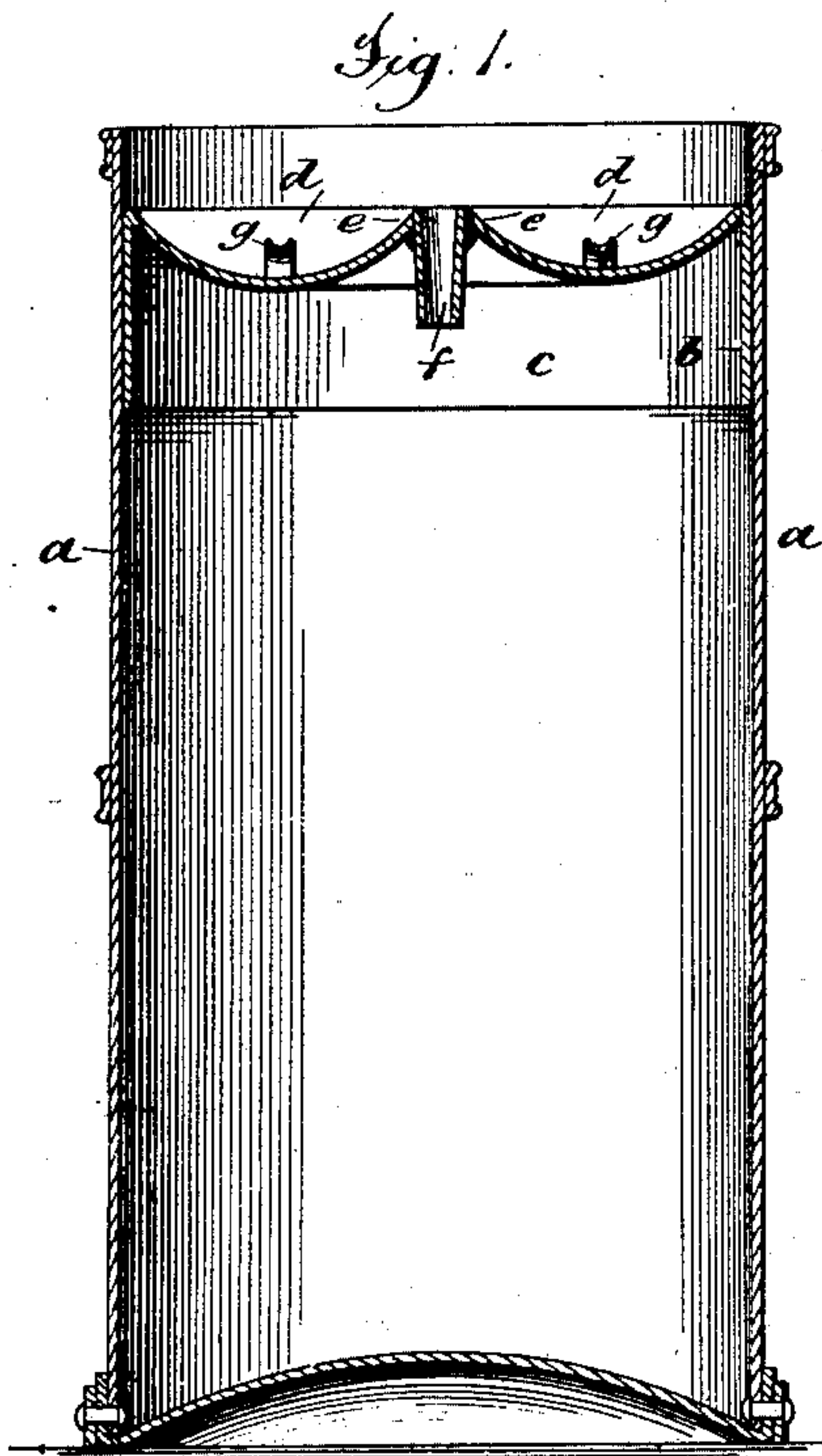
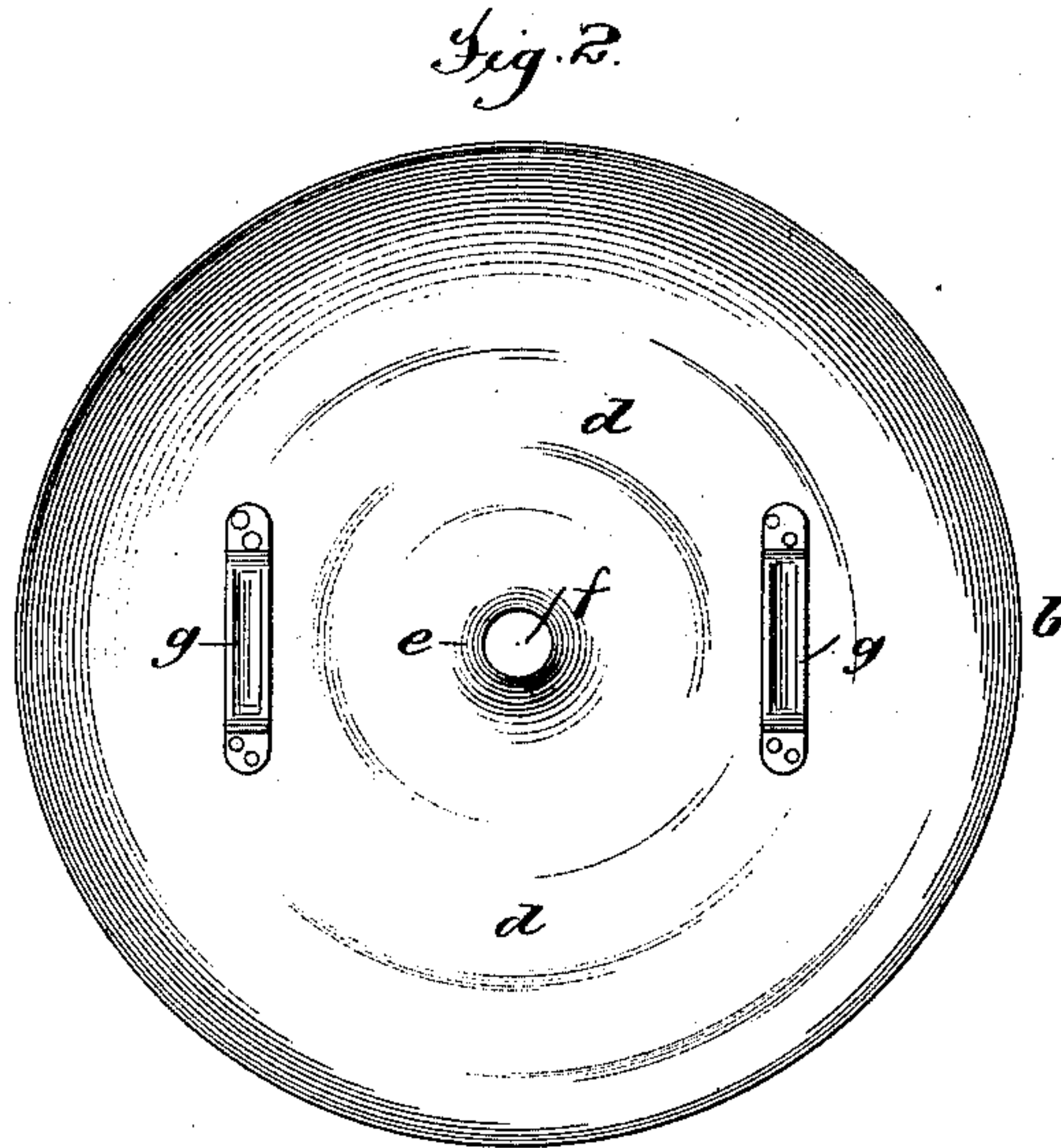
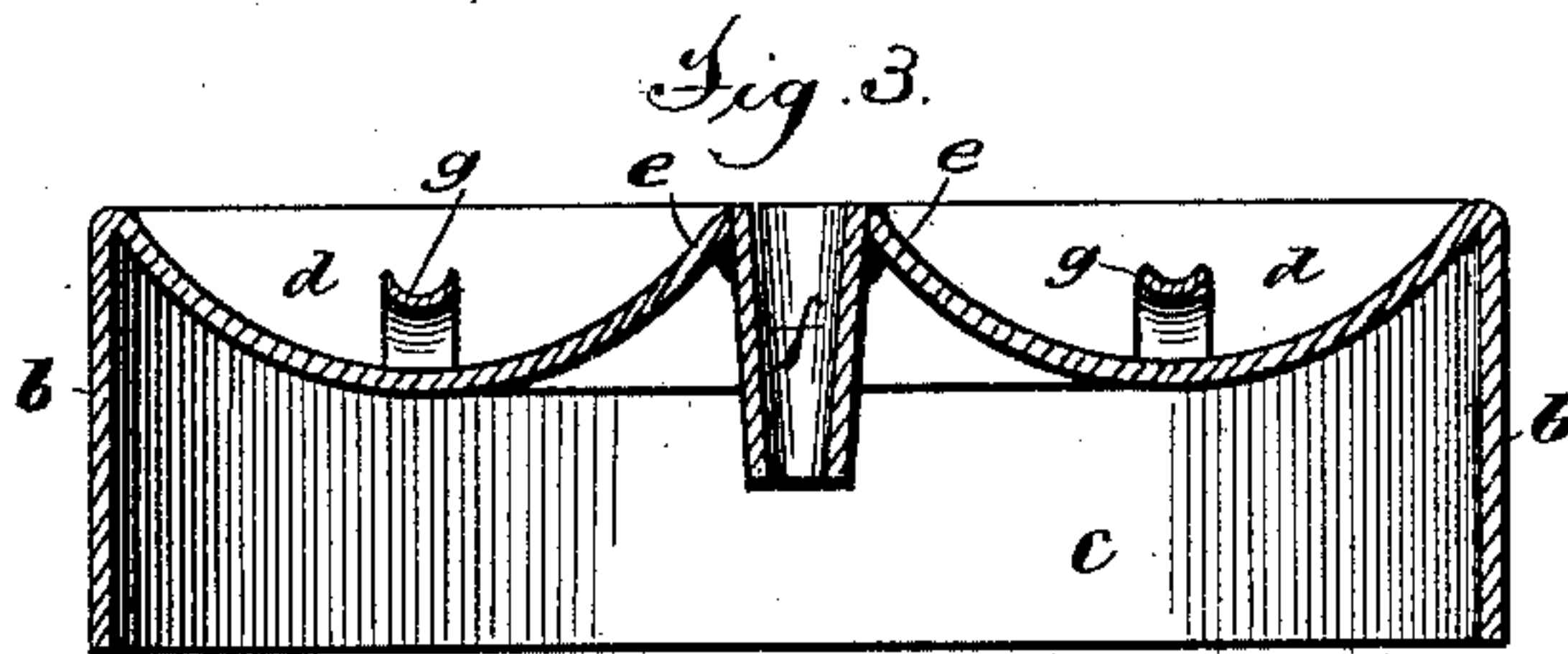


(No Model.)

H. B. HAIGH.
MILK CAN COVER.

No. 363,517.

Patented May 24, 1887.



Attest:
Geo. H. Both
Thome S. Walling

Inventor:
Harry B. Haigh
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Atty.

UNITED STATES PATENT OFFICE.

HARRY B. HAIGH, OF BROOKLYN, ASSIGNOR TO THE IRON CLAD MANUFACTURING COMPANY, OF NEW YORK, N. Y.

MILK-CAN COVER.

SPECIFICATION forming part of Letters Patent No. 363,517, dated May 24, 1887.

Application filed March 29, 1887. Serial No. 232,845. (No model.)

To all whom it may concern:

Be it known that I, HARRY B. HAIGH, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Milk-Can Covers, of which the following is a full, clear, and exact description.

This invention relates to that class of devices commonly known as "slip-covers" for milk-cans and other liquid-receptacles.

Before my invention various forms of slip-covers have been used; but they were of two general characters, namely: first, those which presented a convex top, and, second, those which presented a concave top. The first class were open to the objection that dust falling upon them would slip down or be washed down by rain or snow toward their edge in contact with the inner walls of the milk-can, and thus work down into the milk or foul the joint between the cover and the can to such an extent as to make it difficult to insert or remove the cover, and, besides, the dust would act to grind the contact-surfaces of the slip-cover and the milk-can. The second class were open to the objection that the dust would tend to collect in the center of the slip-cover, and as a vent-hole has been provided in these covers the dust would eventually enter through said hole into the can, and thereby really defeat one of the main objects of the slip-cover.

My invention seeks to overcome these objections; and to this end the invention consists in a slip-cover for milk-cans and the like having a concave top with a central elevation, in which the vent is placed, so that the dust may collect in the cavities without the possibility of slipping in at the vent-hole or down to the flange, substantially as hereinafter particularly set forth and claimed.

In the accompanying drawings, in the several figures of which like parts are similarly designated, Figure 1 is a central vertical section of a milk-can provided with my improved

slip cover. Fig. 2 is a top view of the slip-cover detached and on a larger scale, and Fig. 3 is a vertical cross-section of the said slip-cover.

The can *a* may be of any approved construction to receive the slip-cover *b*. This slip-cover *b* is composed of a vertical annular flange, *c*, and a double concave top, *d*, with a central elevation, *e*, in which is arranged the depending vent-tube *f*. The concave top and its central elevation, *e*, may be made by forming an annular cavity or depression in the cover, and the whole cover, exclusive of the vent-tube, may be struck up from sheet or plate metal in any suitable dies. By this construction it will be seen that there is no possibility for the dust to gravitate toward the flange and work its way between the flange and the walls of the vessel *a* into the milk; nor is there any chance for the dust to work its way into the vent. As the vent will be quite small, it usually will not need any cover to exclude the dust; but it may be desirable in some instances to provide said vent-tube with a suitable cover—as, for example, an upwardly-opening flap-valve or an ordinary ball-valve may be secured by a crossed-wire cage over the mouth of such vent-tube.

The cover may be provided with any suitable handles, *g*.

What I claim is—

1. A slip-cover having an annular vertical flange, and a concave top having a central elevation, and a vent-tube depending downwardly therefrom, substantially as set forth.

2. A slip-cover having a vertical annular flange, and an annular cavity in its top surrounding a central elevation, in which is arranged the vent, substantially as set forth.

In testimony whereof I have hereunto set my hand this 25th day of March, A. D. 1887.

HARRY B. HAIGH.

Witnesses:

THORNE S. WALLING,
ERNEST C. WEBB.