

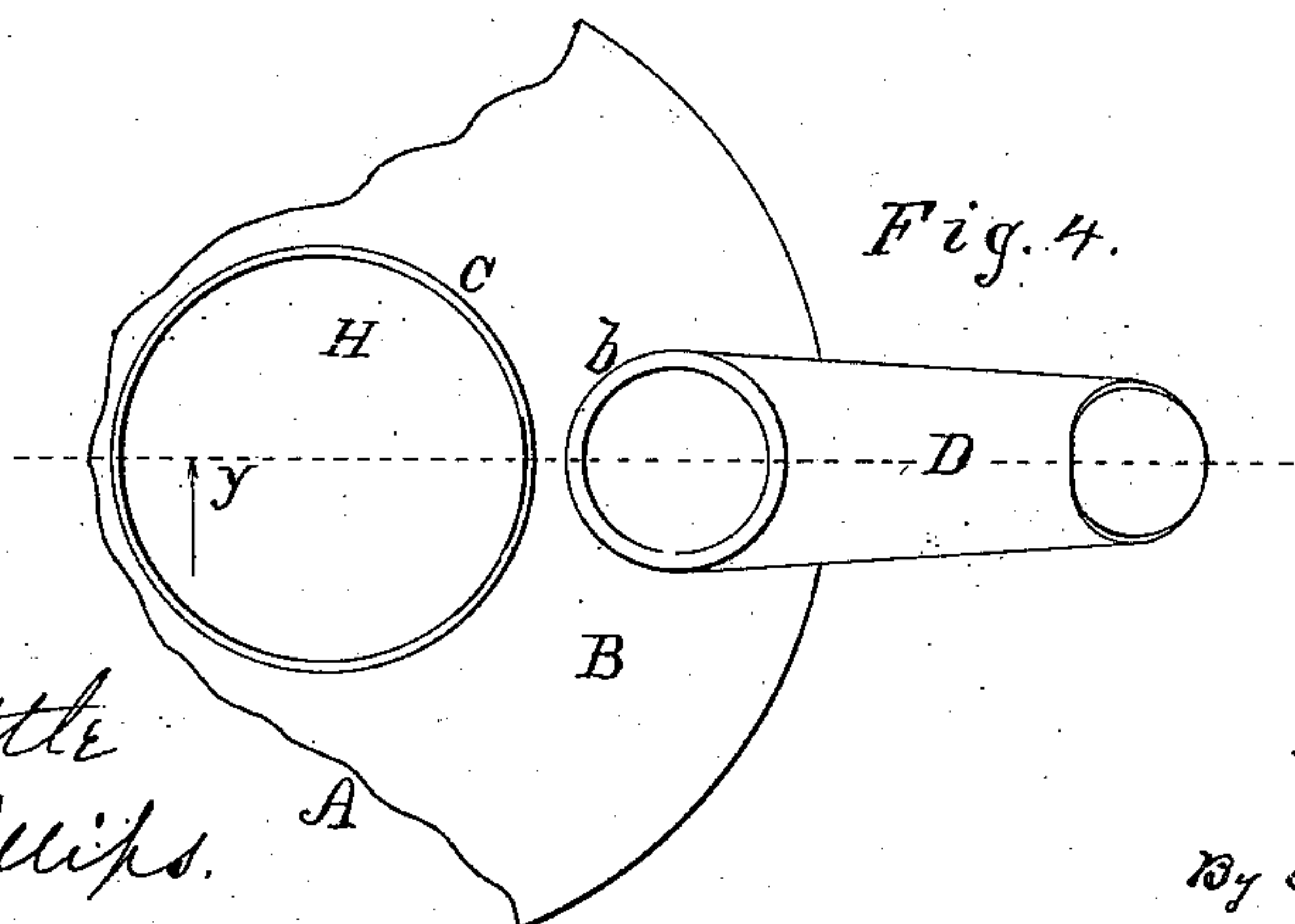
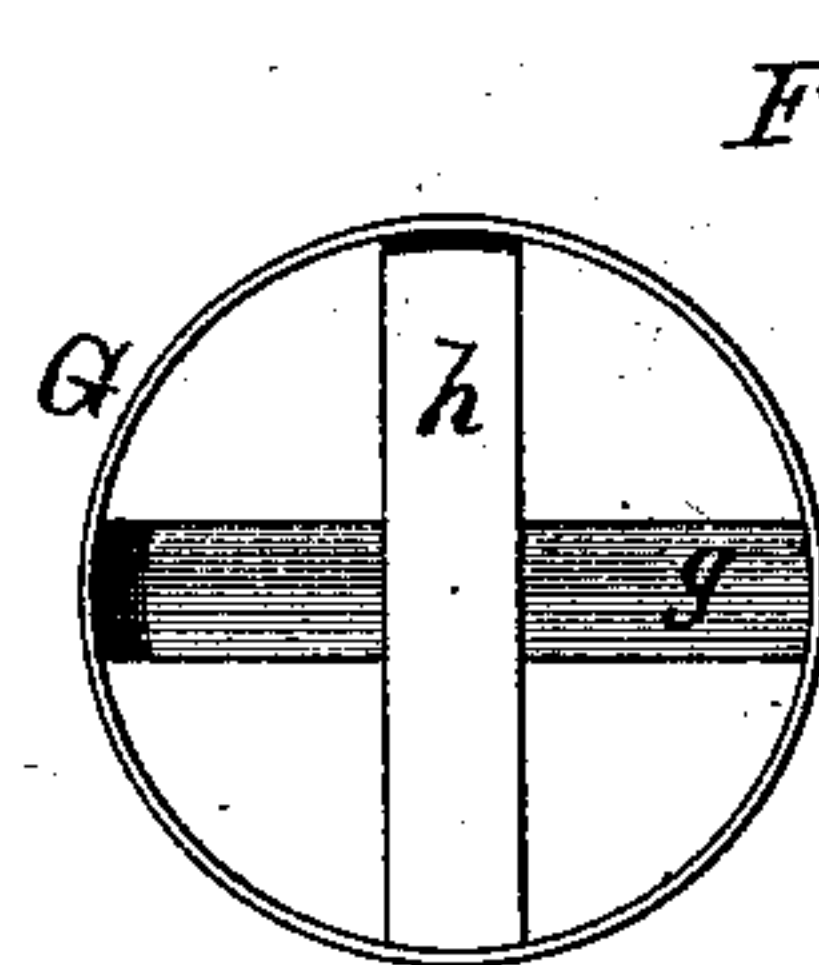
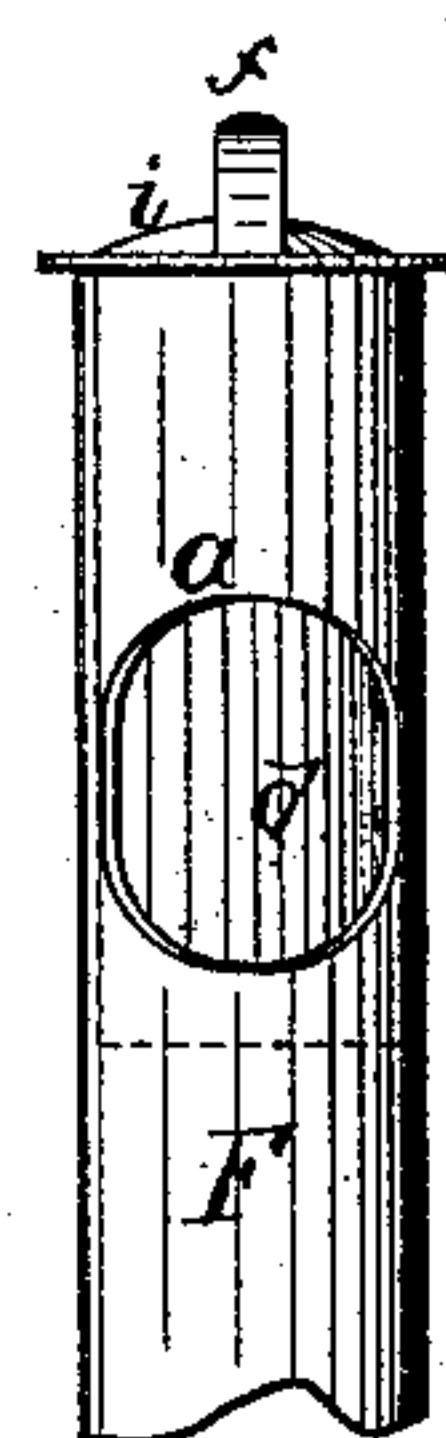
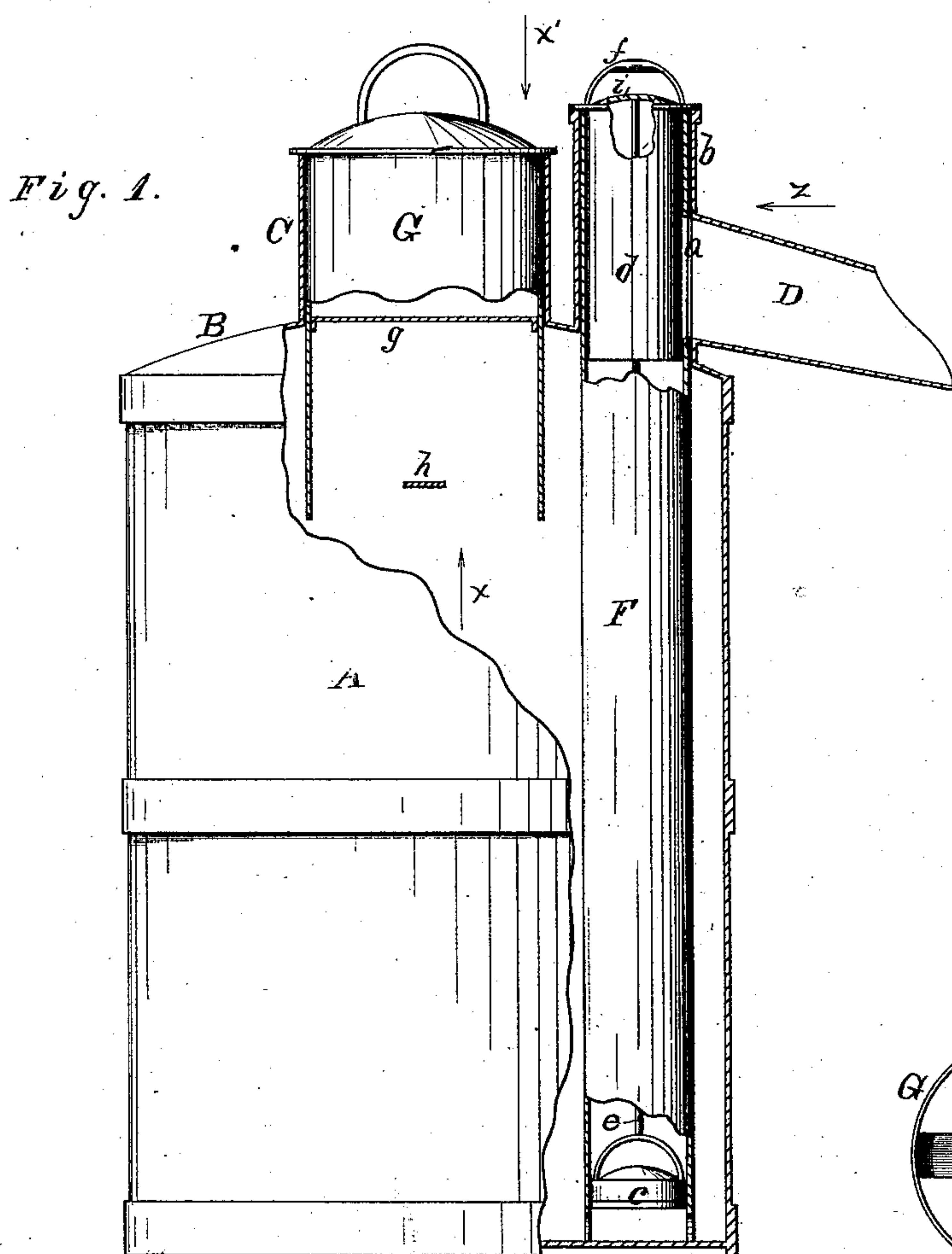
(No Model.)

W. HARRIS.

CAN.

No. 297,990.

Patented May 6, 1884.



Attest:
Geo W Tuttle
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Inventor:
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By E. B. Whitmore, Atty.

UNITED STATES PATENT OFFICE.

WILLIAM HARRIS, OF ROCHESTER, NEW YORK.

CAN.

SPECIFICATION forming part of Letters Patent No. 297,990, dated May 6, 1884.

Application filed February 5, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM HARRIS, of Rochester, in the county of Monroe and State of New York, have invented a new and useful Improvement in Cans, which improvement is fully set forth in the following specification and accompanying drawings.

The object of my invention is to produce a convenient attachment to a peddler's milk-can, or a can or vessel holding other liquids, by means of which said milk or liquid may be conveniently drawn from the can in small quantities, as in retail trade; and the invention consists in parts, and their combination herein below fully described, and more particularly pointed out in the claim.

Referring to the drawings, Figure 1 is a side elevation of an ordinary milk-can with my improved parts attached in position, portions of the can being broken away. The can is represented in a central vertical section on the dotted line *y* in Fig. 4; Fig. 2, a side elevation of the upper portion of the elevator-barrel, viewed as indicated by arrow *z* in Fig. 1. Fig. 3 is an end view of the measure, serving to close the mouth of the can, viewed as indicated by arrow *x* in Fig. 1, and showing more clearly the braces or bars marking off its pint and quart measures; and Fig. 4 is an outline plan of a portion of the can with parts removed, viewed as indicated by arrow *x'* in Fig. 1.

Referring to the parts, A is a milk-can, substantially of common form used by milk-venders, having a dome-shaped top, B, and the usual central vertical ring, C, forming the neck of the can. At the side of the ring C there arises from the top B a short tube, *b*, parallel with the ring, which tube is provided with a spout, D, leading out from one side thereof and away from the can, as shown. Down through the tube *b* a pump-barrel or pump, F, is placed, reaching to the bottom of the can A, which barrel F just fills the interior of the tube. Through the side of the barrel F, near the top thereof, an opening, *a*, is formed to correspond to the size and position of the inner end of the spout D, to the end that when milk is raised in the barrel by

the plunger it will flow through the opening *a* and out through the spout.

c is a piston or plunger, of common form, for the barrel, with a rod, *e*, connected therewith, and extending upward through the barrel.

d is an inverted thimble, telescoped within the upper end of the barrel F, and the plunger-rod *e* passes up into the interior of the same, and is secured to the end plate or cap, *i*, thereof.

f is a handle for the thimble, by taking hold of which the plunger may be worked up and down in the barrel, and raise milk to the spout D, in the usual manner. When the snugly-fitting thimble is pressed into the barrel F, it closes the upper open end of the same, and passes down by and closes the opening *a*, also of the pump, it being of sufficient length to reach below the opening, as shown, and prevents the milk splashing out thereat during handling of the can or during travel. When the plunger is raised to bring the milk up to the spout, the thimble is simultaneously drawn out of the barrel and uncovers the hole *a* of the latter, so the milk may have easy egress at the spout.

G is a cup-shaped stopper for the mouth H of the can, substantially like those in common use. I prefer to employ bars *g* and *h*, extending diametrically across the interior of the stopper, both for the purpose of stiffening the sides of the stopper and for marking off, respectively, a pint and a quart measure therein. It is designed to use the stopper or cup G for a measure for the milk, to be held under the spout D to receive the milk drawn from the can by means of the pump or elevator, as above described.

The pump or the gaged stopper may be used with a kerosene can or cask, or with any other fluid package, from which the fluid is to be drawn and measured in small quantities.

I do not claim a stopper for a milk-can marked off as a measure for the milk, nor a pump for raising the milk out of the can; but

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

A fluid or milk can, A, provided with a tube, *b*, in addition to the usual neck, C, rising above the top of the can at one side of the neck, and provided with a spout, D, in combination with a pump, F, extending down through the tube into the interior of the can, the said pump having an opening, *a*, opposite the spout D, and a thimble, *d*, to close the upper open end of the pump and the opening *a*, substantially as shown and described.

WILLIAM HARRIS.

Witnesses:

E. B. WHITMORE,

M. A. WALSH.