

No Model.)

F. H. BARBER.
AUTOMATIC LUBRICATOR.

No. 254,902.

Patented Mar. 14, 1882.

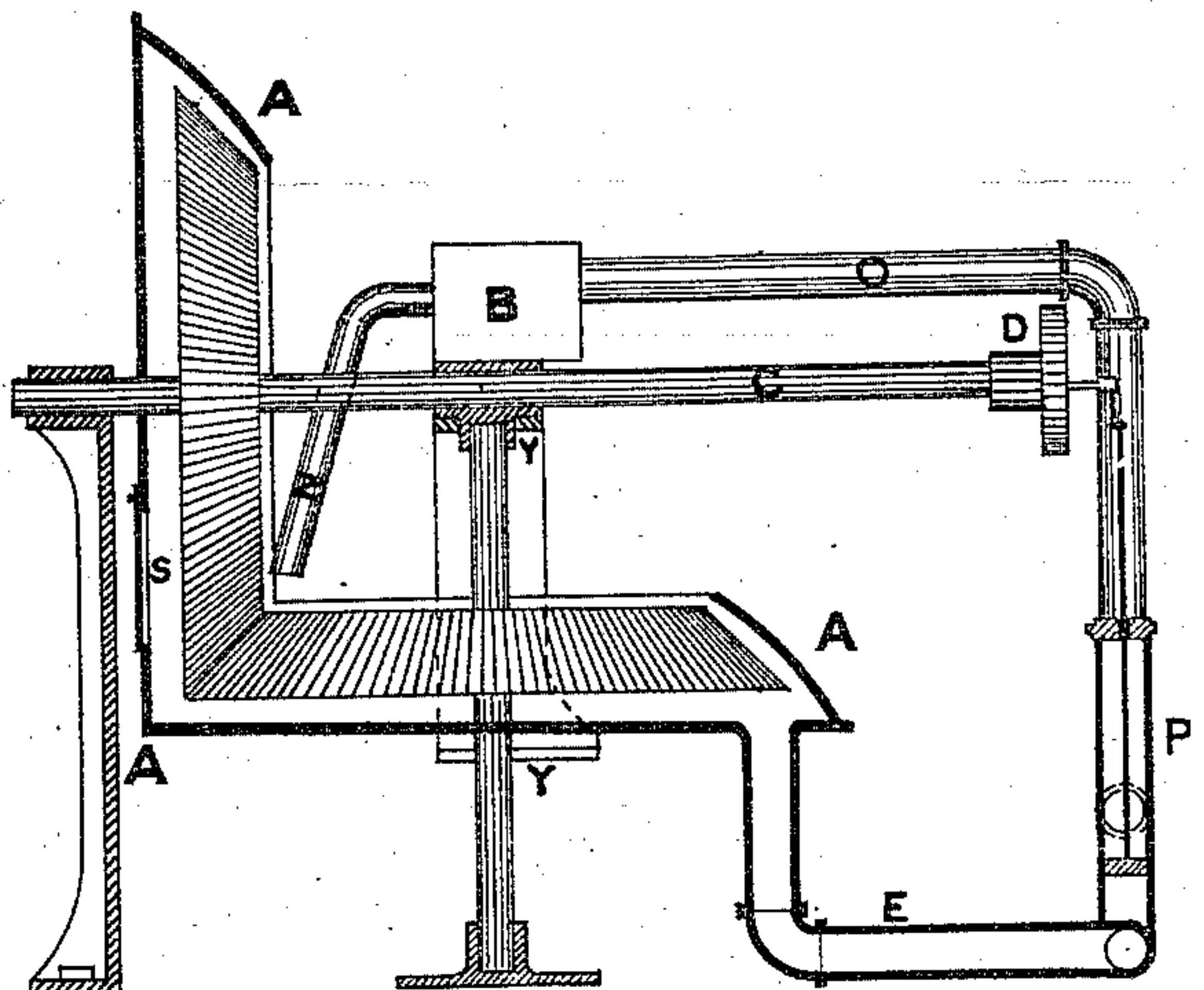


FIG. 1.

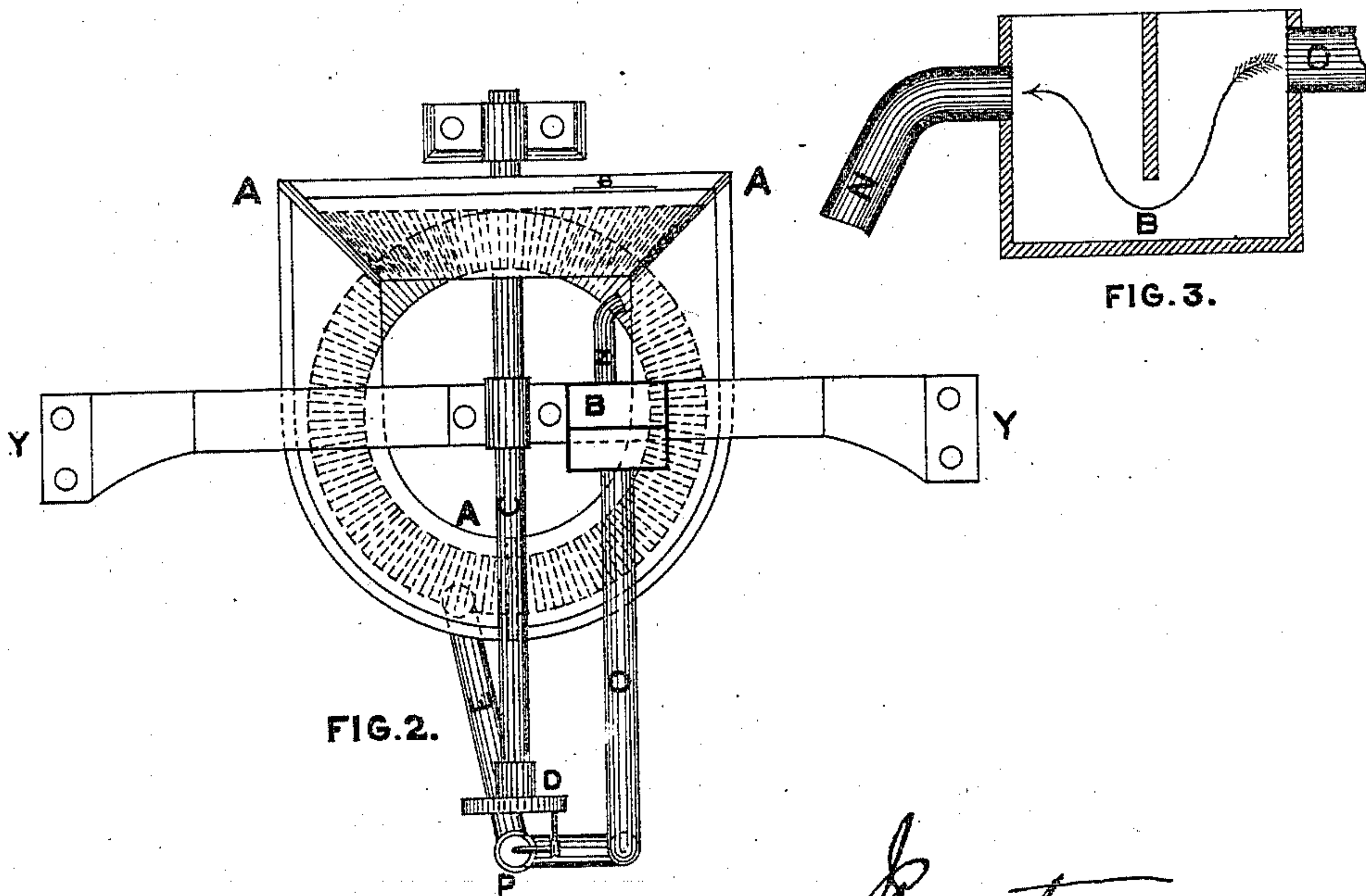


FIG. 3.

FIG. 2.

Witnesses:
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per
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UNITED STATES PATENT OFFICE.

FRANK H. BARBER, OF HOLYOKE, MASSACHUSETTS.

AUTOMATIC LUBRICATOR.

SPECIFICATION forming part of Letters Patent No. 254,902, dated March 14, 1882.

Application filed January 6, 1882. (No model.)

To all whom it may concern:

Be it known that I, FRANK H. BARBER, of Holyoke, Hampden county, Massachusetts, have invented a new and useful Improvement in Automatic Lubricators for Lubricating any Kind of Gearing; and the following is a description of my invention, reference being had to the accompanying drawings, which are hereby made part of this specification.

Figure 1 shows a section of my invention. A A A is a metal inclosure of gears, of which the bottom side is inclined and connected by tube E to pump P. The pump P is worked by an eccentric, D, fastened on shaft C. The lubricating material is forced by the pump P through tube O into reservoir B, which discharges through tube M directly upon the gears. The opening S in the inclosure A A A is to enable the operator to view the gears. Y Y is the yoke which supports the gear-shafts.

Fig. 2 is a top view of my invention, in which the letters correspond with those in Fig. 1.

Fig. 3 shows an enlarged section of reservoir B. O is the supply-tube connected with the pump P. N is the discharge-pipe discharging onto the gears. The lubricating material is forced in the direction of the arrow, thus forming a settling-tank.

I claim as my invention—

1. The metal inclosure of gears, preventing the flying off of the lubricating material.
2. The connection of the same with the force-pump.
3. The reservoir, forming a settling-tank.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FRANK H. BARBER.

Witnesses:

JOHN J. REARDON,
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