

H. B. Tiffany,

Faucet.

No. 106,000.

Patented Aug. 2. 1870.

Fig. 1.

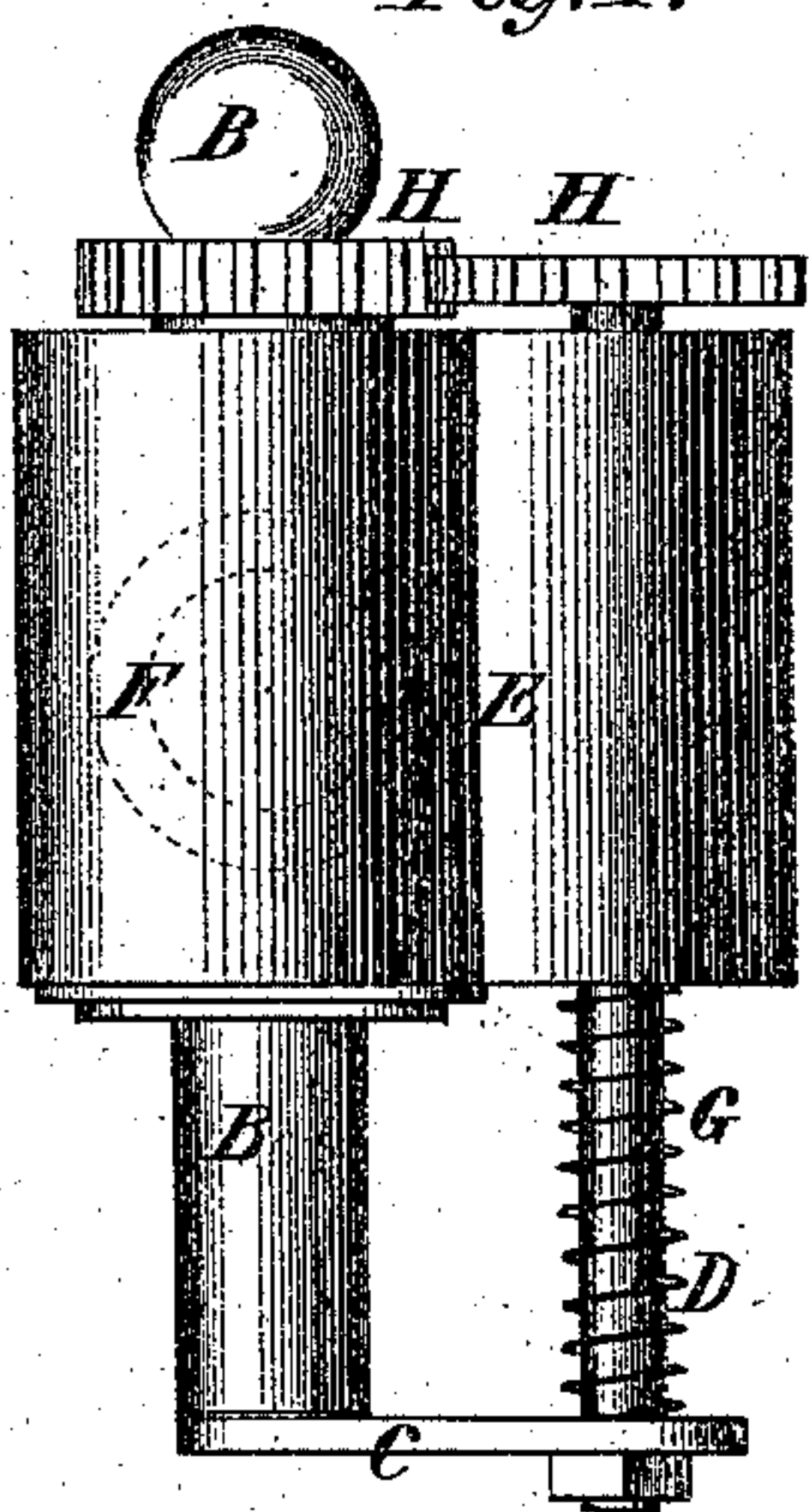
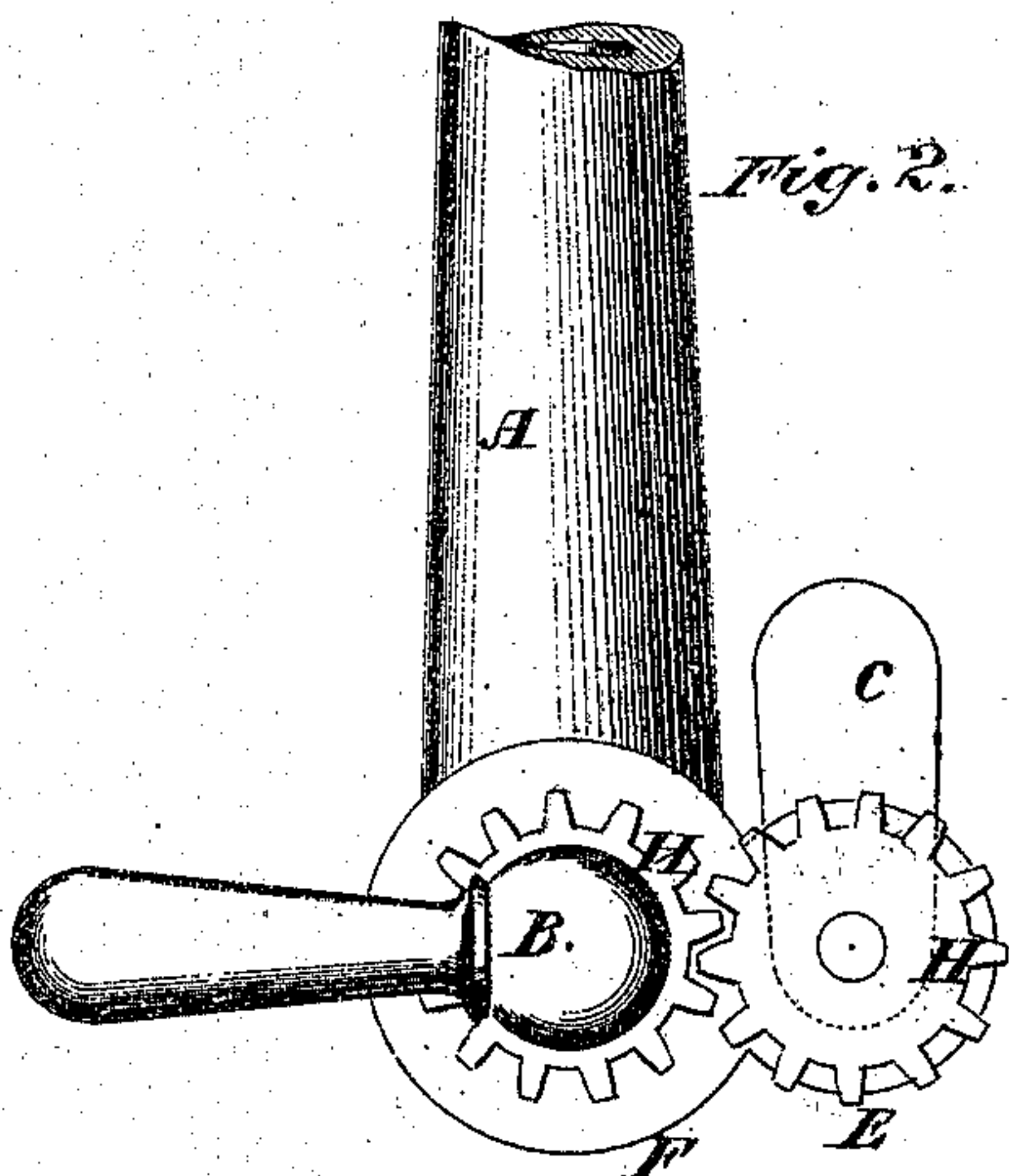


Fig. 2.



Witnesses:

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United States Patent Office.

HENRY B. TIFFANY, OF MEDINA, OHIO.

Letters Patent No. 106,000, dated August 2, 1870.

IMPROVEMENT IN FAUCETS.

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, HENRY B. TIFFANY, of Medina, in the county of Medina and State of Ohio, have invented a new and useful Improvement in Faucets; 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 improvements in faucets, and consists in a combination with the hollow plug, through which the liquid is discharged, of a turning-plate and operating devices therefor, to cover the hole at the end when the plug is closed, to prevent flies and other insects from entering, (being attracted by the liquid,) and being washed out with the liquid into the vessel receiving it when the faucet is opened.

Figure 1 is an end elevation of my improved faucet, and

Figure 2 is a top view of the same.

Similar letters of reference indicate corresponding parts.

A is the spill or tube, which is attached to the vessel from which the liquid is to be drawn, and which holds the turning plug B, which opens and closes the escape-passage, discharging through the lower end of it.

In the ordinary arrangement of these plugs, the discharging-nozzles at the lower ends remain open, and flies and other insects, attracted by the liquids, gather therein in warm weather in considerable numbers, and are washed out by and with the liquid each time the faucet is opened, much to the injury of the liquid.

I propose, therefore, to arrange a turning plate or

gate, C, to swing under the nozzle of the plug B, when it is closed, and cover the hole, to prevent the insects from entering; and to swing away when the plug is opened.

I therefore attach the plate C to a spindle, D, arranged in a support parallel with the plug B, and so that the plate will be supported against the end of said plug B, when brought under it; and in order to cause it to bear always against the said plug snugly, it may be attached to the spindle D adjustably, so as to be adjusted thereon from time to time, as may be required.

In this example the spindle is borne in a bearing, E, attached to the cylindrical T-head F of the tube A, and it is inserted from the top; and a spiral spring, G, is placed around it, between the lower end of the bearing and the top of the plate C, to prevent the spindle and the plate C from rising too high.

To effect the turning of this plate simultaneously with and by the turning of the plug, I have geared the spindle D with the plug, by the two toothed wheels H, as shown, by which the said plate is opened and closed when the plug is opened and closed.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The combination, with the nozzle of the plug B, of the gate C, spindle D, spring G, and gears H, substantially as shown and described.

HENRY B. TIFFANY.

Witnesses:

JOHN ROUNDS,
A. W. McCLURE.