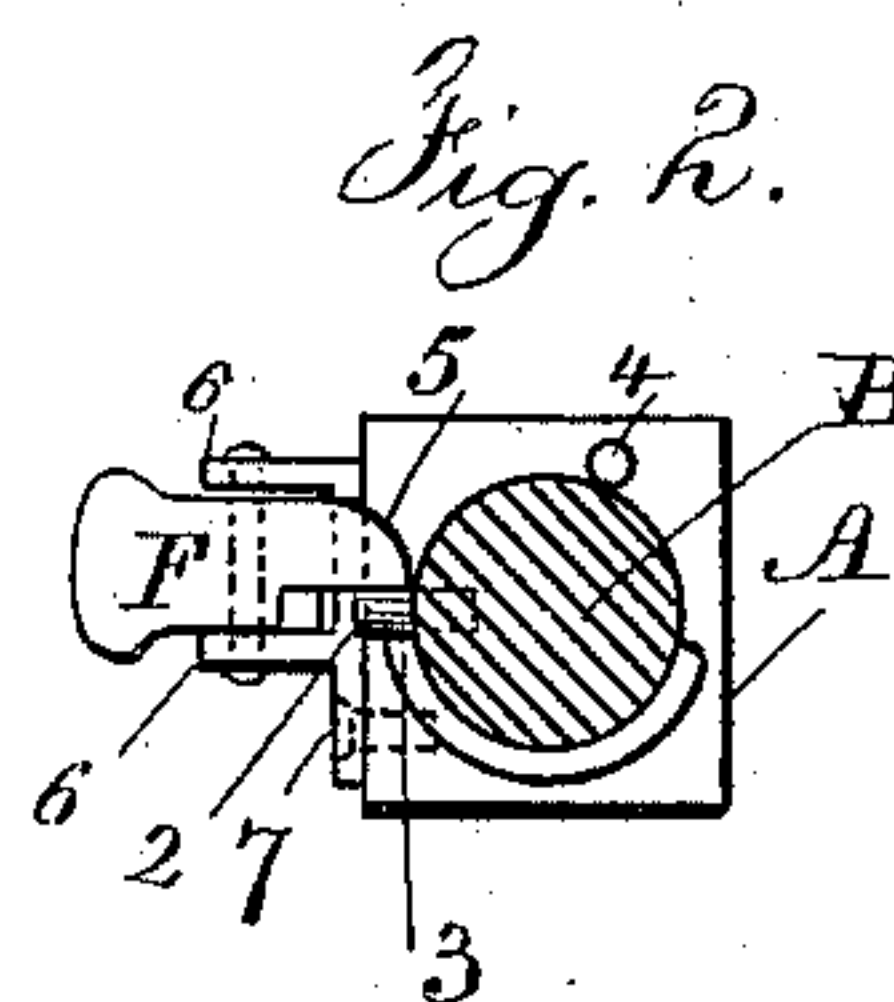
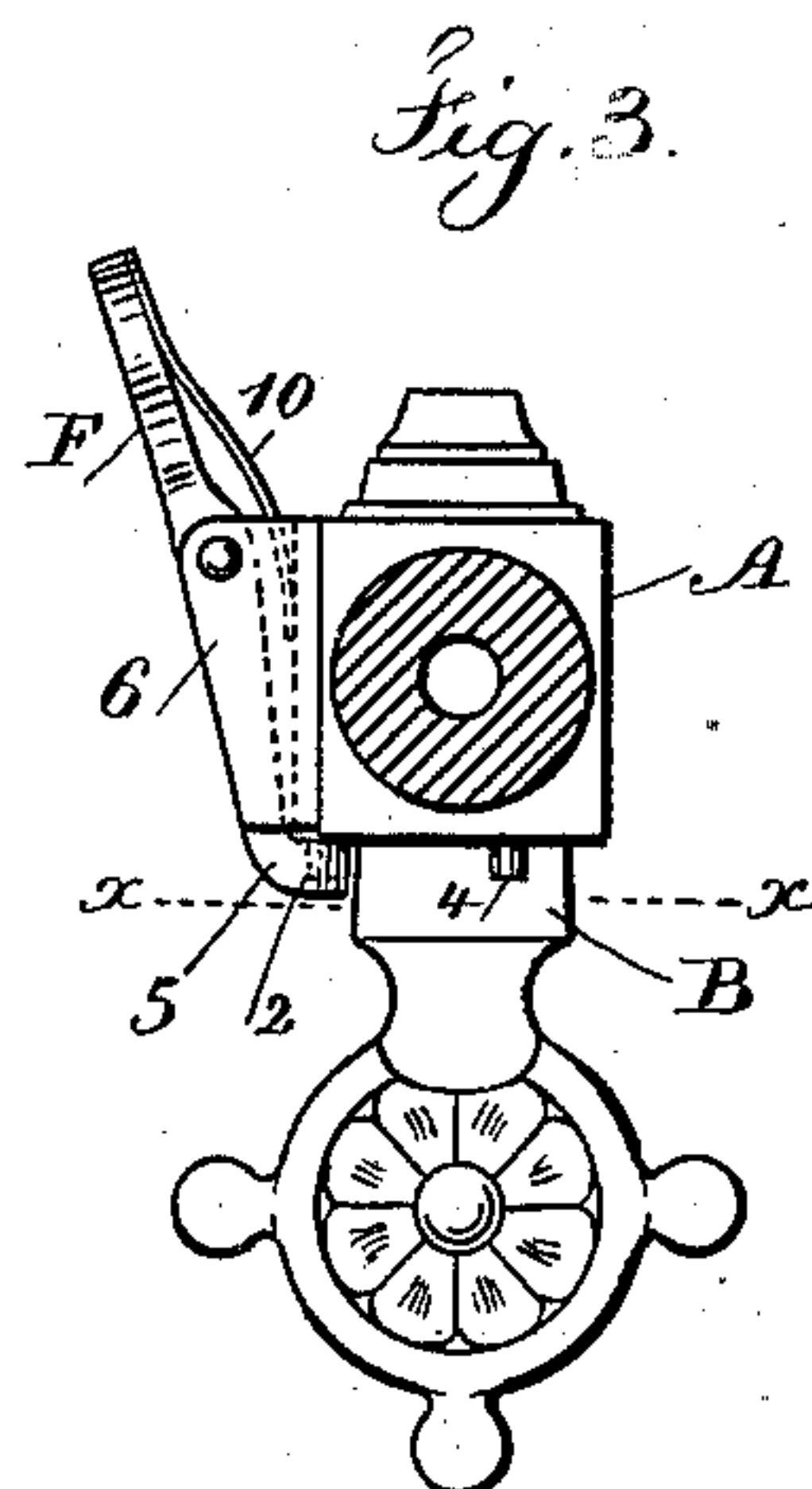
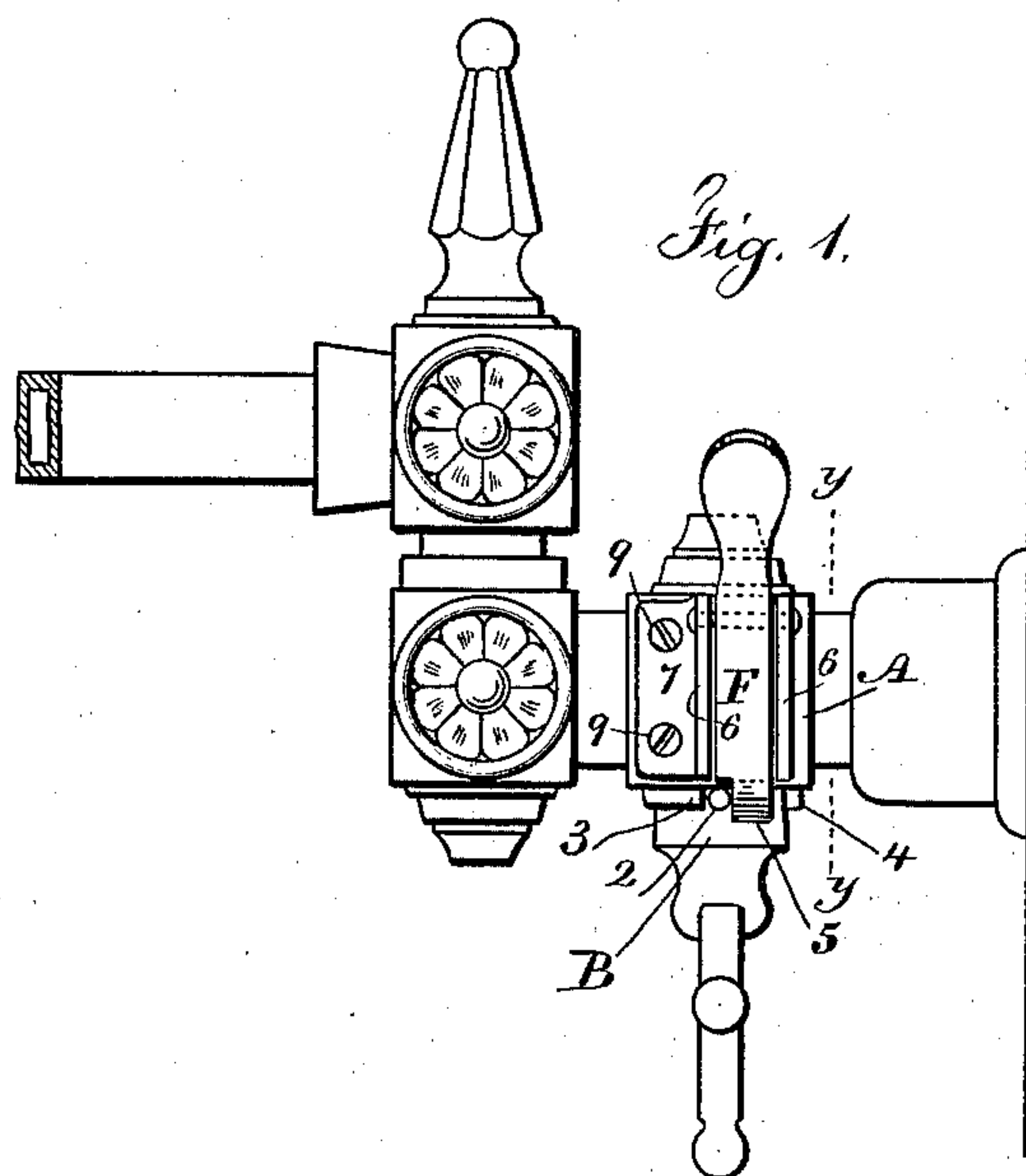


(No Model.)

J. PRENTICE.
COCK FOR GAS FIXTURES.

No. 385,134.

Patented June 26, 1888.



Witnesses.

Chas. H. Smith.
J. Staib.

Inventor

John Prentice.
per Lemuel W. Serrell,

UNITED STATES PATENT OFFICE.

JOHN PRENTICE, OF NEW YORK, N. Y.

COCK FOR GAS-FIXTURES.

SPECIFICATION forming part of Letters Patent No. 385,134, dated June 26, 1888.

Application filed February 14, 1887. Serial No. 227,621. (No model.)

To all whom it may concern:

Be it known that I, JOHN PRENTICE, of the city and State of New York, have invented an Improvement in Cocks for Gas-Fixtures, of which the following is a specification.

The cocks upon gas-fixtures usually have a stop-pin that limits the rotation of the plug, so that the plug will be stopped when the gas is turned off; but inexperienced persons sometimes turn the cock back again sufficiently to allow the gas to escape, and thereby life is sometimes endangered.

In some instances the stop-pin has been moved in one direction by a spring to hold the plug and withdrawn by hand, and a spring-stop has been applied on the handle of the plug.

My invention relates to the combination, with the barrel and tapering plug in a gas-cock, of a spring-latch upon the barrel that is moved by the stop-pin of the plug and springs in behind the same, so that the plug cannot be turned back after the gas has been shut off until the latch has been moved to separate it from the stop-pin of the plug, thereby rendering the gas-cock less liable to be left open by inexperienced persons.

In the drawings, Figure 1 is an elevation of the gas-cock and its spring-latch. Fig. 2 is an inverted sectional plan view of the cock at the line *x x*, Fig. 3; and Fig. 3 is a sectional elevation at the line *y y*, Fig. 1.

The gas-cock is made with the barrel A and conical plug B, as usual, and the gas-pipes are connected with the barrel. There is a stop or pin, 2, that projects from the plug at one end of the barrel, and upon the barrel are the stops 3 and 4, that limit the movement of the plug to

a quarter of a revolution, so that in one position the gas is turned on and in the other it is shut off.

There is a spring-latch, F, pivoted to the barrel, and its inclined end 5 is adjacent to the pin 2, so that when the plug is turned to shut off the gas the stop-pin 2 presses back the latch, and then the latch springs back and holds the stop-pin and the plug from being moved until the latch is liberated by pressing on its projecting end.

The pivot of the spring-latch preferably passes through jaws 6 on the plate 7, that is attached by screws 9 to the barrel of the cock; but with new cocks the pivot-jaws will be cast upon the barrels. The spring 10 for the latch is between the barrel and the back of the latch.

I do not claim a gas-cock with a spring to turn the same off and a latch to hold the cock when open. In this case the spring holds the gas-cock closed, while in my improvement the gas-cock is turned on or off by hand and the spring-latch holds the plug of the cock when the gas is turned out.

I claim as my invention—

The combination, with the barrel and plug and the stops to limit the motion in turning the plug, of a latch pivoted upon the barrel and its end holding a stop on the plug of the cock when the gas is turned off, substantially as set forth.

Signed by me this 10th day of February, 1887.

JOHN PRENTICE.

Witnesses:

GEO. T. PINCKNEY,
WILLIAM G. MOTT.