

No. 849,724.

PATENTED APR. 9, 1907.

R. CHRIST.
GAS VALVE.

APPLICATION FILED OCT. 23, 1905.

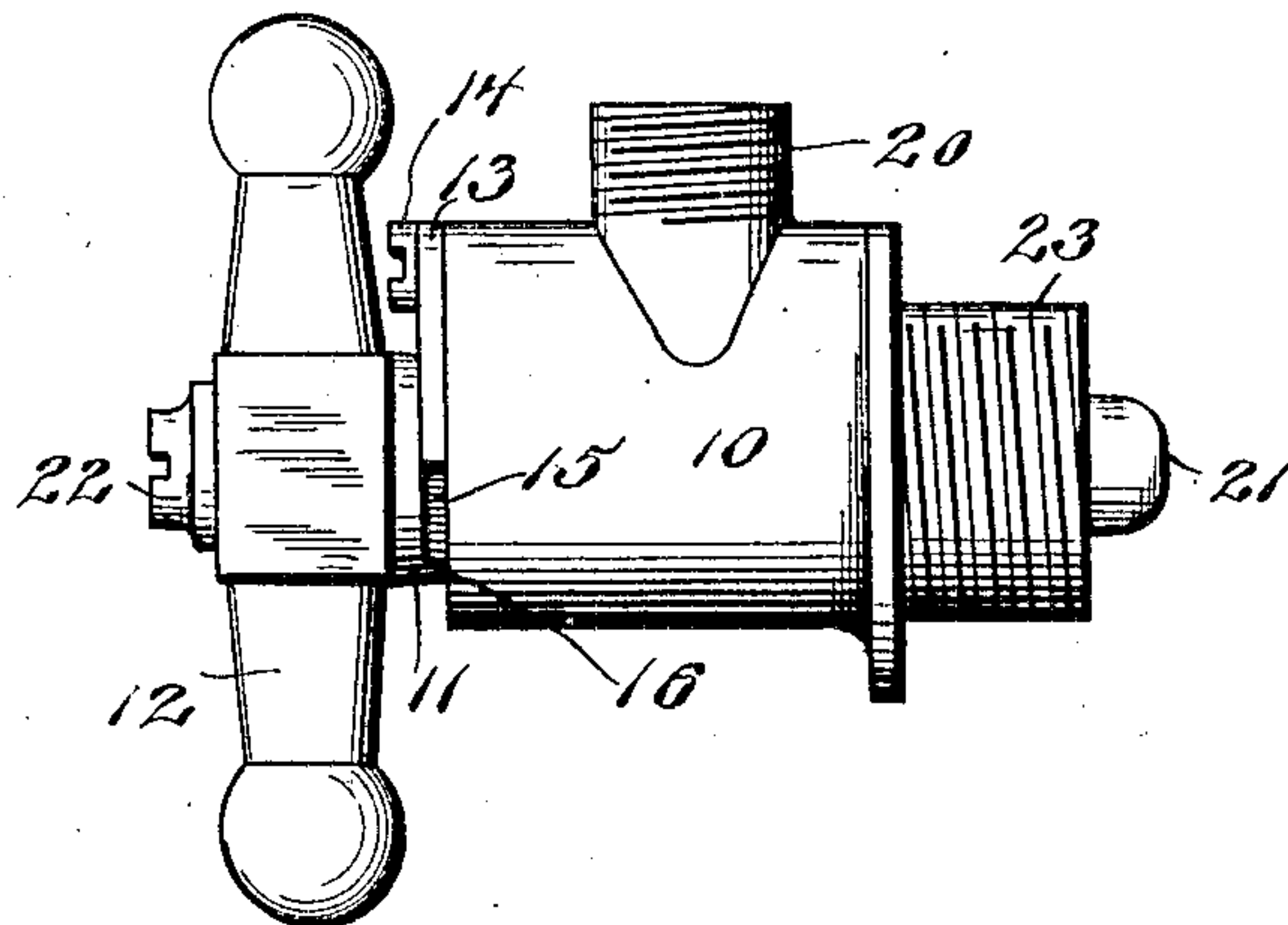


Fig. 1.

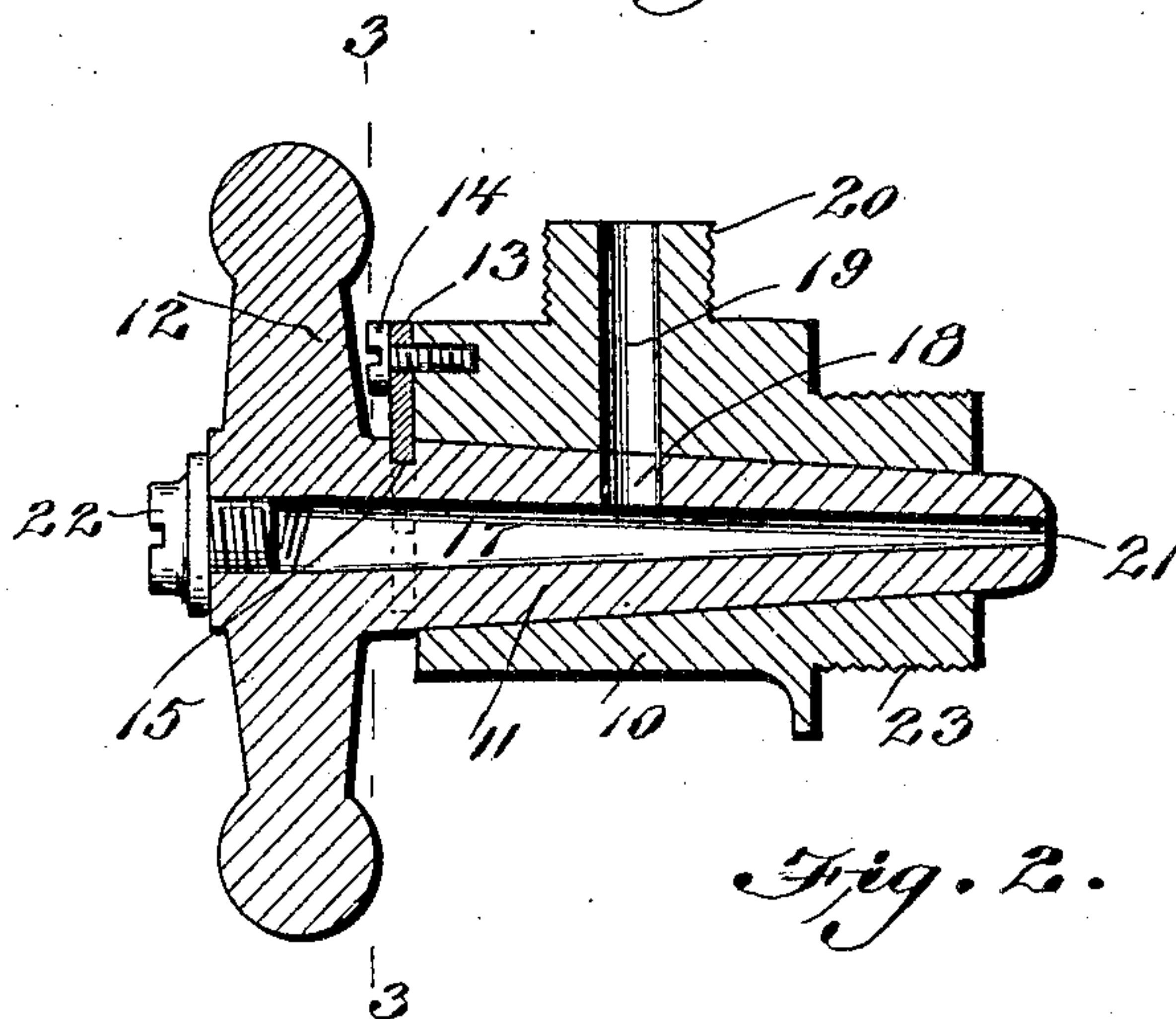


Fig. 2.

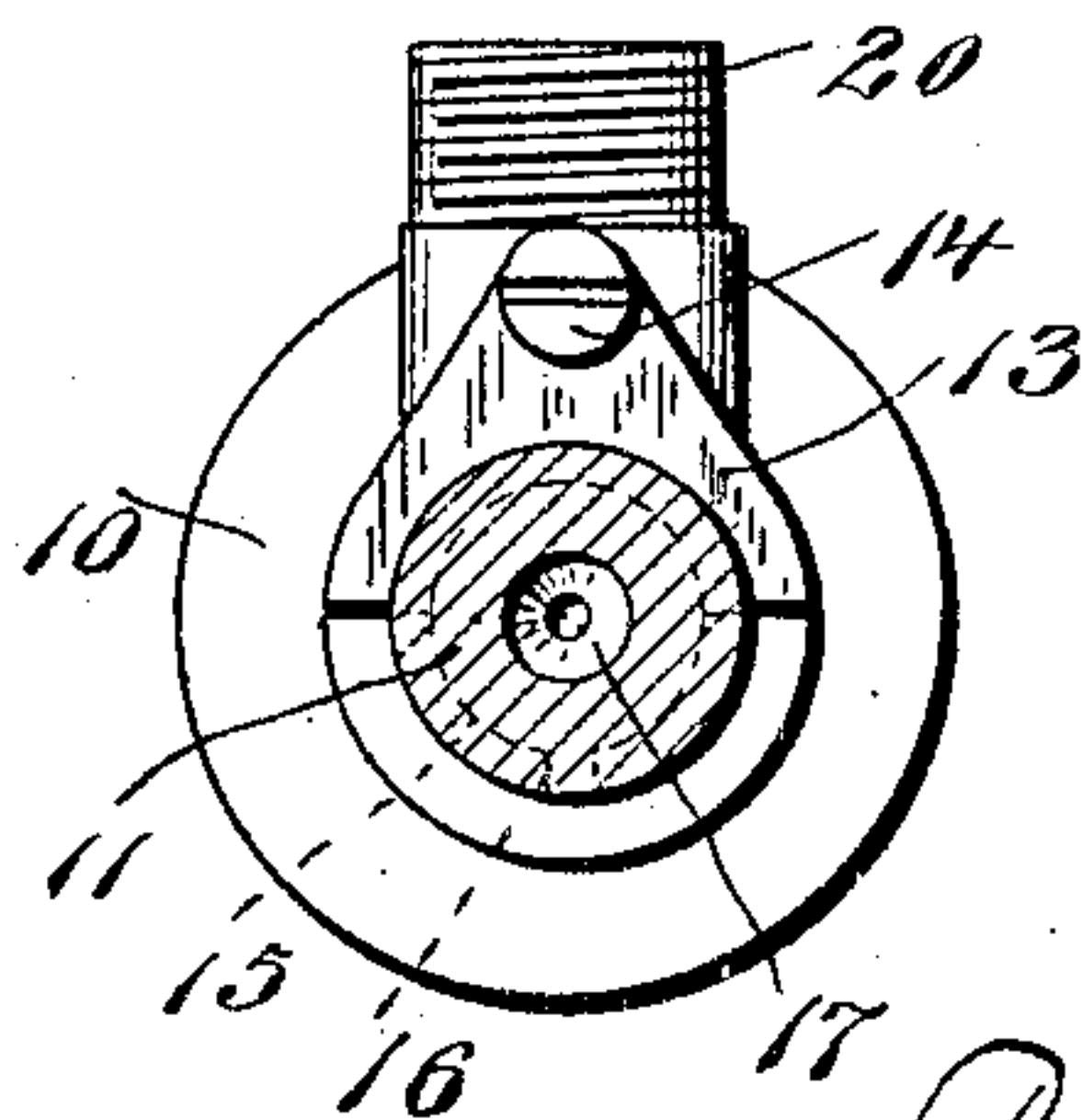


Fig. 3.

Witnesses
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UNITED STATES PATENT OFFICE.

RINEHART CHRIST, OF HAMILTON, OHIO.

GAS-VALVE.

No. 849,724.

Specification of Letters Patent.

Patented April 9, 1907.

Application filed October 23, 1905. Serial No. 284,095.

To all whom it may concern:

Be it known that I, RINEHART CHRIST, a citizen of the United States, residing at Hamilton, in the county of Butler and State of Ohio, have invented new and useful Improvements in Gas-Valves, of which the following is a specification.

This invention is a gas valve or cock, and has for its object to provide a turning-plug having a stop to prevent the plug from being turned too far, and the gas thus accidentally turned on again after being turned off, and which shall also serve to hold the plug in its casing.

A further object is to provide a stop so constructed and arranged that it can be readily removed to enable the valve parts to be separated for the purpose of cleaning the same or otherwise.

In the accompanying drawings, Figure 1 is an elevation of the invention. Fig. 2 is a longitudinal sectional view. Fig. 3 is a transverse section on the line 3 of Fig. 2.

Referring specifically to the drawings, 10 denotes the casing or shell containing the conical turning-plug 11. Outside the casing and at one of its ends the plug is shaped to form a handle 12. The plug is prevented from being withdrawn from the casing by a half-collar 13, which is fastened to the casing by a screw 14, and extends into a groove 15 in the plug adjacent the handle 12 and outside the casing. Said groove does not extend entirely around the plug, so that a stop 16 is formed to prevent the plug from being turned too far, and the gas thus accidentally turned on again after being turned off.

The plug is bored lengthwise from one end to the other, as at 17, and also has a transverse passage 18, extending from said bore and adapted to register with the inlet-port 19 of the casing when the gas is turned on. The inlet comprises a tubular nipple 20, which is threaded for attachment to the gas-supply pipe. The gas enters the bore 17 through the passage 18 and flows from the discharge end 21 of the bore. The opposite end of the bore is closed by a screw-plug 22. Adjacent the discharge end 19 the casing 10 is formed with a nipple 23, which is threaded for attachment to the stove or other fixture. If the bore 17 becomes clogged, it can be readily cleaned by simply removing the plug 22 and running a wire through. The plug 11 can also be readily removed from the casing upon taking off the half-collar 13, and this can be done without disconnecting the valve from the stove or other fixtures.

Having thus described my invention, what is claimed as new, and desired to be secured by Letters Patent, is—

A valve comprising a casing, a turning-plug therein, said plug having near one of its ends outside the casing a groove and a stop in the groove, and a half-collar secured to the casing and extending into the groove, and engageable with the stop.

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

RINEHART CHRIST.

Witnesses:

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R. G. DAVIS.