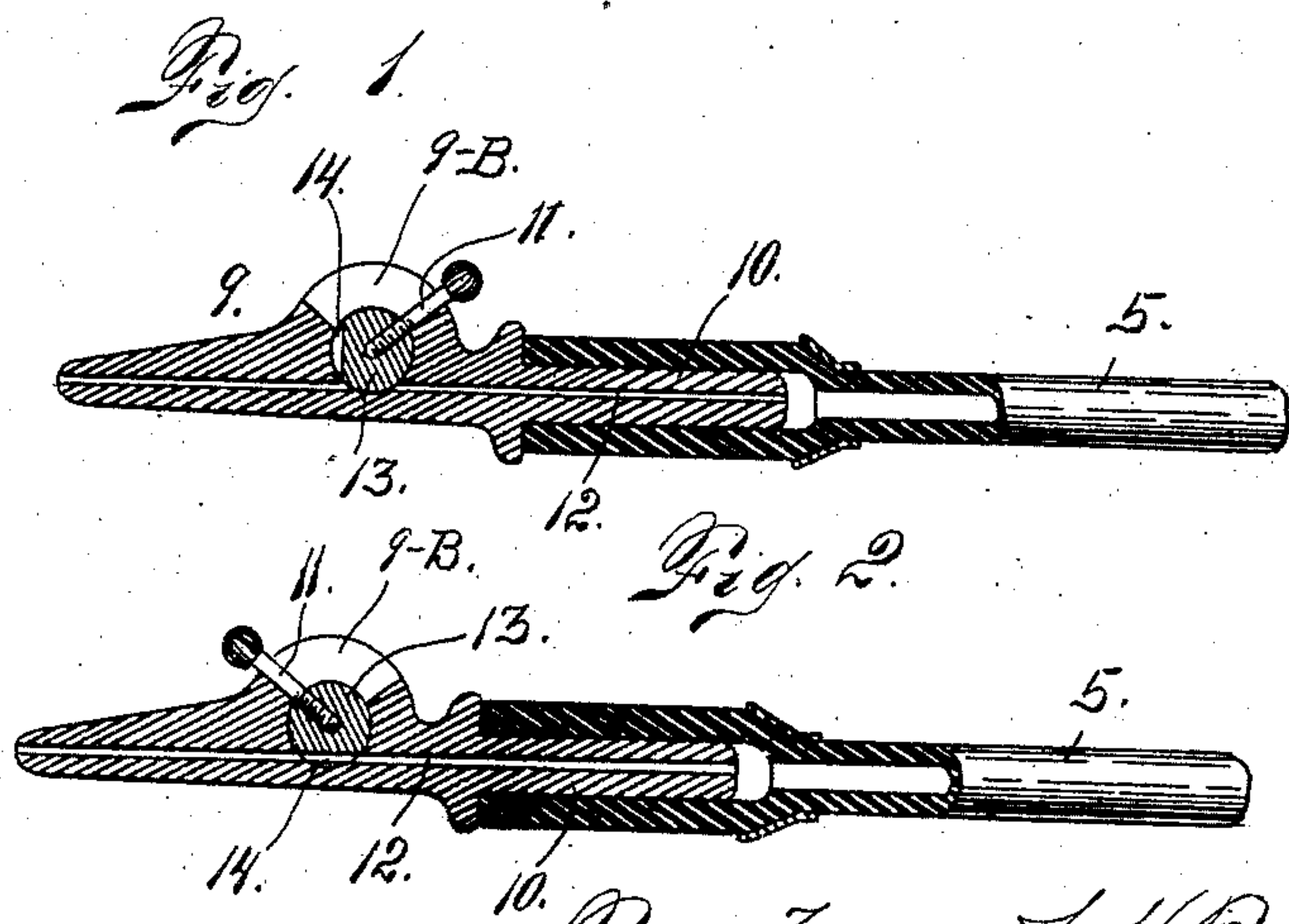
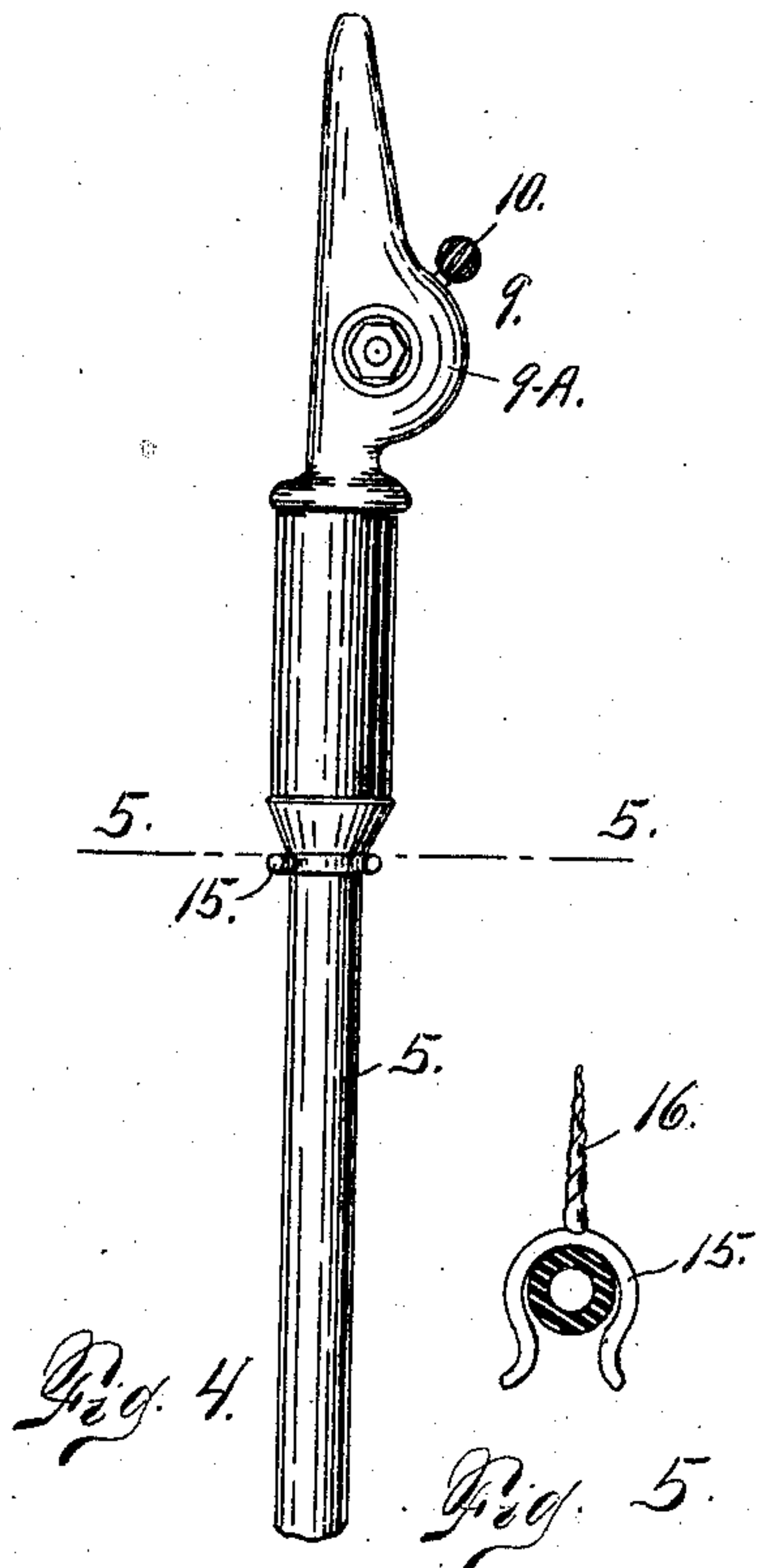
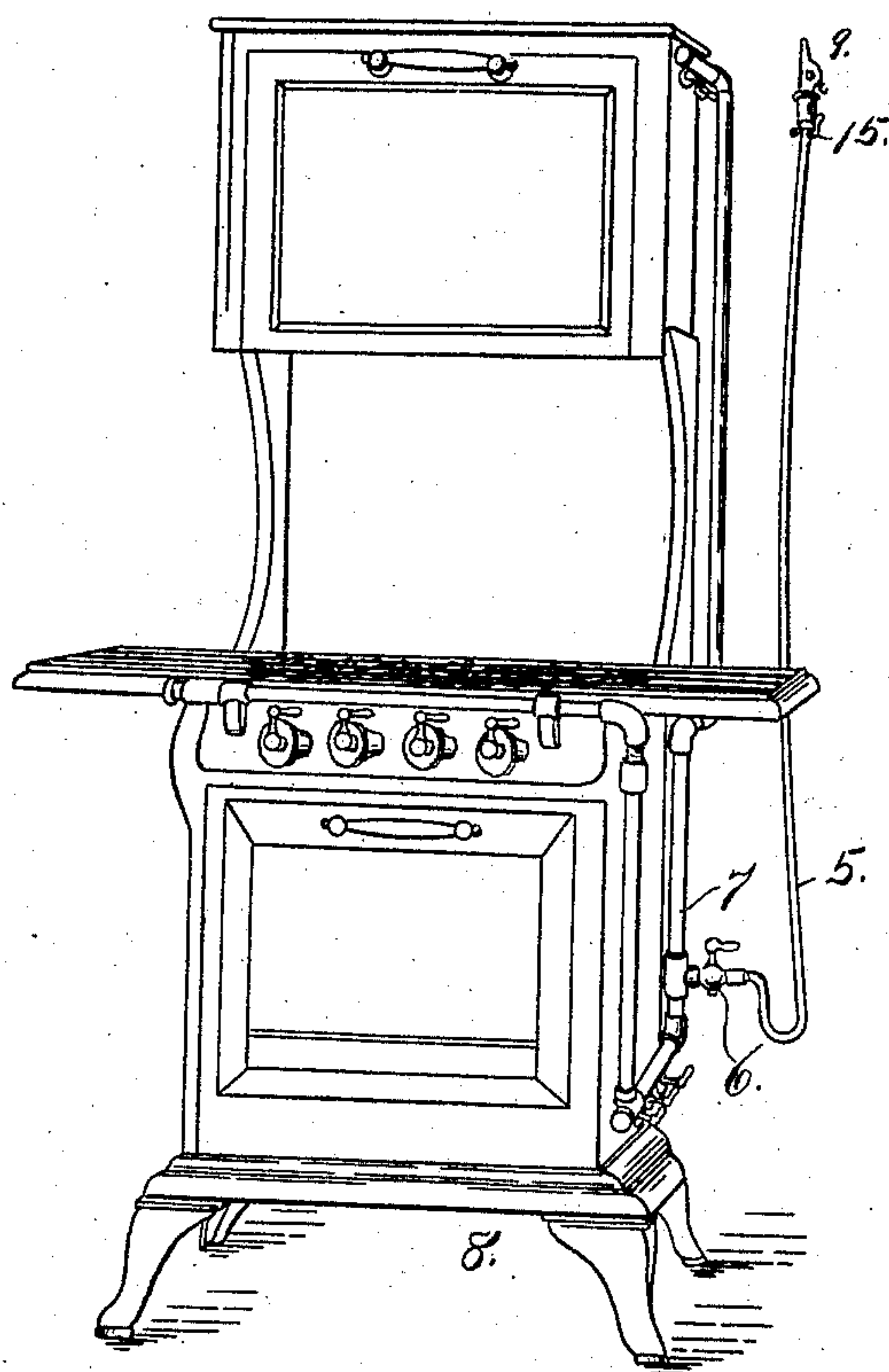


No. 850,852.

PATENTED APR. 16, 1907.

J. H. ROBUCK.
GAS RANGE LIGHTER.
APPLICATION FILED SEPT. 17, 1906.



Witnesses
Otto E. Hoddick.
Dena Nelson.

J. H. Robuck.
Inventor
By, *[Signature]*
Attorney

UNITED STATES PATENT OFFICE.

JESSE H. ROBUCK, OF ANADARKO, OKLAHOMA TERRITORY.

GAS-RANGE LIGHTER.

No. 850,852.

Specification of Letters Patent.

Patented April 16, 1907.

Application filed September 17, 1906. Serial No. 334,896.

To all whom it may concern:

Be it known that I, JESSE H. ROBUCK, a citizen of the United States, residing at Anadarko, in the county of Caddo, Territory of Oklahoma, have invented certain new and useful Improvements in Gas-Range Lighters; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to a lighting device more especially adapted for use with gas-ranges to avoid the necessity of lighting a match every time it is desired to light the gas.

My improved device consists of a flexible tube connected at one extremity with the gas-supply pipe and having at its opposite extremity a valve-controlled nozzle, whereby the passage-way through the nozzle may be opened and closed at will. The gas issuing from this nozzle may be lighted either by a match or at a burner already lighted, after which any desired number of burners may be lighted by the flame-jet issuing from the nozzle.

The invention will now be described in detail, reference being made to the accompanying drawings, in which—

Figure 1 is a front elevation of a gas-range equipped with my improved lighter. Fig. 2 is a fragmentary view of the lighter, the nozzle and a portion of the flexible tube being shown in section. Fig. 3 is a similar view, but showing the valve in the reverse position. Fig. 4 is an elevation of the nozzle end of the device, shown on a larger scale than in Fig. 1. Fig. 5 is a section taken on the line 5-5, Fig. 4.

The same reference characters indicate the same parts in all the views.

Let the numeral 5 designate a flexible tube or conduit, one extremity of which is connected with a valve 6 for controlling the gas-supply from a pipe 7, mounted upon a range 8. To the opposite extremity of this flexible tube is attached a nozzle 9, having a reduced shank 10 entering the open extremity of the pipe. This pipe fits so closely around the shank of the nozzle as to prevent the escape of gas. The nozzle is provided with a passage-way 12, communicating with the tube. This nozzle is provided with a transverse cylindrical bore, one side of which intersects the

passage-way 12. Within this bore is placed a valve 13 of counterpart shape, cut away on one side, as shown at 14, to allow the gas to flow freely through the passage 12 when the valve is properly adjusted. The valve, however, is capable of such adjustment that the cut-away portion will occupy the position shown in Fig. 2, in which event the valve closes the passage 12 and shuts off communication between the tube and the portion of the nozzle beyond the valve. This nozzle is reinforced on one side, as shown at 9^A, in order to make room for the cylindrical bore in which the valve is located. This reinforced part 9^A is centrally slotted, as shown at 9^B, to make room for a manipulating-pin 10, which passes through the said slot and is capable of such movement therein as to throw the valve into either one of its extreme positions, the said positions being respectively illustrated in Figs. 2 and 3. When the pin is moved to its rearward limit of movement, or that shown in Fig. 2, the passage of gas through the nozzle is entirely cut off, while when the pin is moved to its forward limit the valve is adjusted to cause the cut-away part 14 of the valve to register with the passage 12 of the nozzle.

In using this device the operator may take the nozzle in one hand and readily manipulate the valve by the use of the thumb of the same hand. This feature is very convenient, since while the nozzle is held in one hand a match may be lighted with the other hand, if desired. After the gas issuing from the nozzle is once lighted it is evident that any desired number of burners may be ignited. When the device is not in use, it is preferably hung upon a hook 15, mounted in suitable proximity to the range. As shown in the drawings, (see Fig. 5,) this hook is provided with a threaded shank 16, adapted to be inserted in a wooden partition or other stationary article composed of wood.

Having thus described my invention, what I claim is—

1. A gas-range lighter comprising a flexible tube, one extremity of which is adapted to be connected with a source of gas-supply, the opposite extremity of the tube being provided with a nozzle having a passage for the issuance of gas, the said nozzle being bored transversely to intersect the gas-passage, and a valve located in said bore and of counterpart shape, the said valve being fashioned on one side to allow the gas to escape when the

valve is properly adjusted, the valve when in all other positions closing the passage for the gas, the nozzle being slotted on one side, and the valve being provided with a manipulating device passing through the said slot and adapted to be moved back and forth in the nozzle for the purpose of regulating the valve.

2. A gas-range lighter comprising a flexible tube, one extremity of which is adapted to be connected with a source of gas-supply adjacent the range, the opposite extremity of the tube being provided with a nozzle having a passage for the issuance of gas, the said nozzle having a cylindrical bore intersecting its passage, and a valve located in said bore

and of counterpart shape, the said valve being cut away on one side to allow the gas to escape when the valve is properly adjusted, the nozzle being slotted on one side, and the valve being provided with a pin adapted to be moved back and forth in the nozzle for the purpose of manipulating the valve, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

JESSE H. ROBUCK.

Witnesses:

DYKE BOLLINGER,
C. J. SCHEETZ.