No. 891,076. PATENTED JUNE 16, 1908.

A. JARMOLOWSKY.

GAS VALVE.

APPLICATION FILED JULY 18, 1907.

Fig. 1

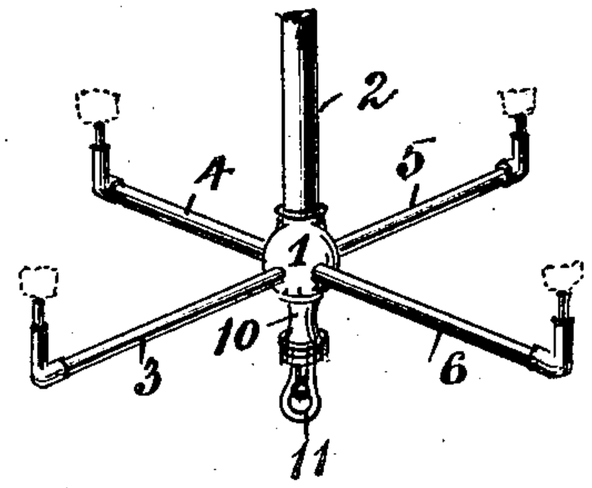

Fig. 2

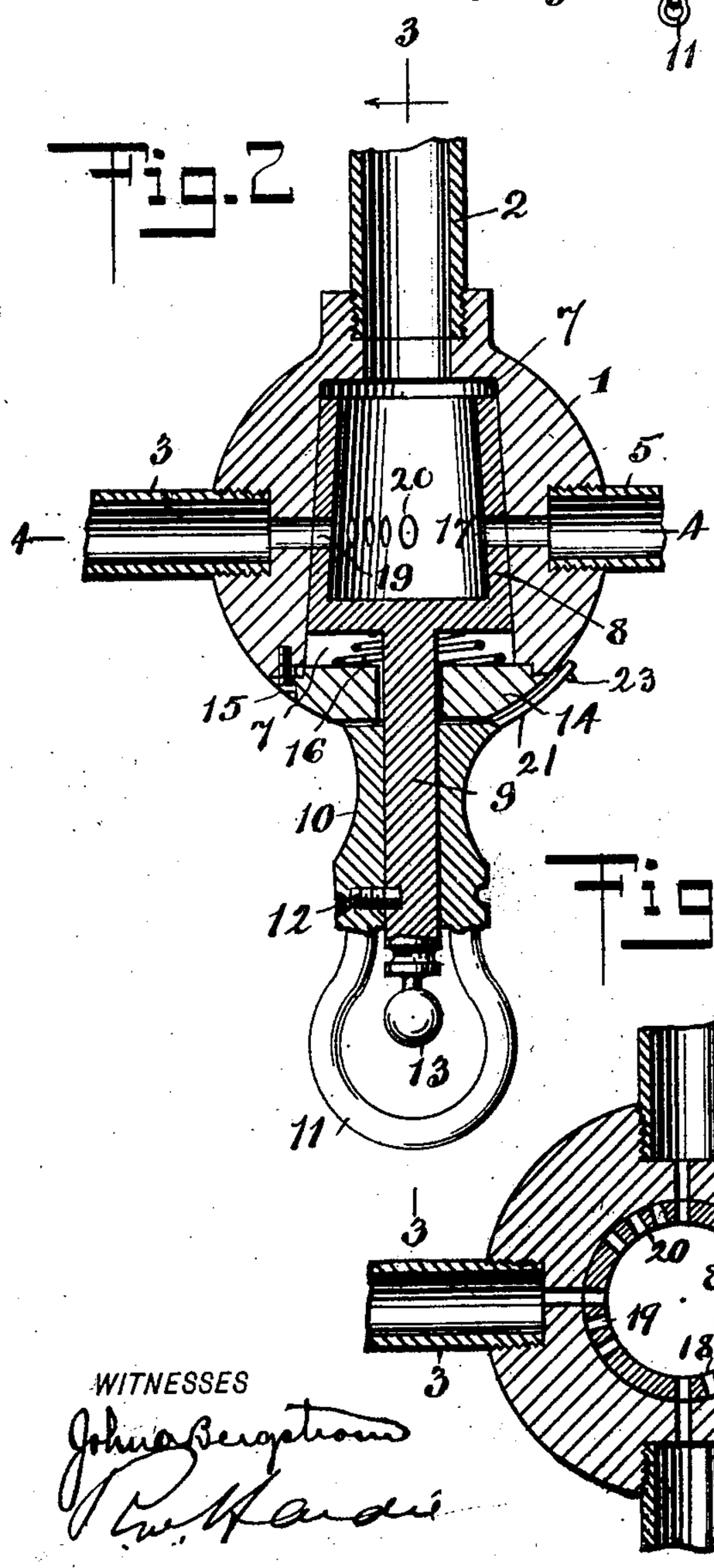

Fig. 3

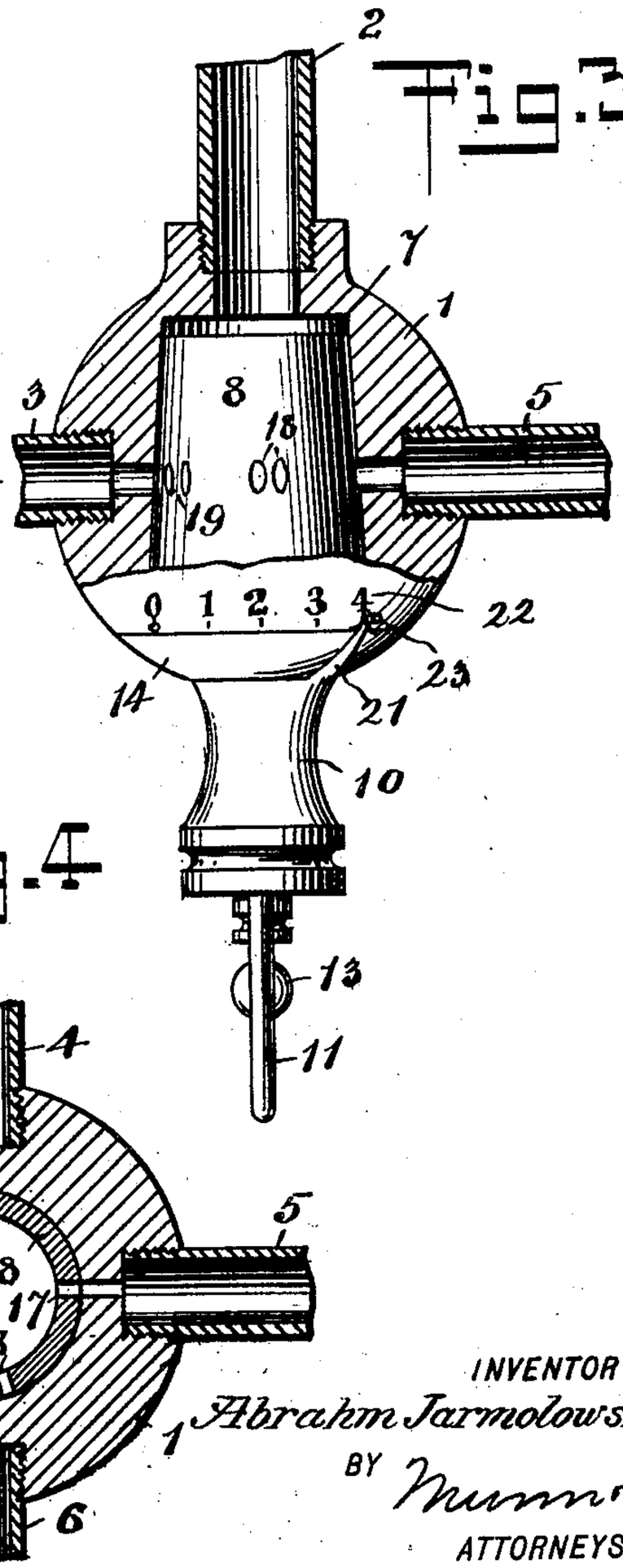

Fig. 4

WITNESSES

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GAS-VALVE.

No. 891,076. Specification of Letters Patent. Patented June 16, 1908.

Application filed July 18, 1907. Serial No. 384,340.

To all whom it may concern:

Be it known that I, ABRAHM JARMOLOWSKY, a subject of the Czar of Russia, and a resident of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Gas-Valve, of which the following is a full, clear, and exact description.

This invention relates to gas valves adapted to be used with fixtures having a plurality of branches, each provided with an individual burner, and has for its object to provide means for turning on or off a predetermined number of burners by a single operation.

Other objects relating to the specific construction and special arrangement of the several parts of my invention will be understood from the following description and accompanying drawings, in which drawings like characters of reference indicate like parts throughout the views, and in which

Figure 1 is a perspective view of a device embodying my invention having four branch burners connected therewith; Fig. 2 is a vertical section of the corresponding device shown in Fig. 1; Fig. 3 is a sectional elevation taken on the line 3—3 of Fig. 2; and Fig. 4 is a horizontal section taken on the line 4—4 of Fig. 2.

As illustrated in the drawings, 1 represents a casing which may be of any suitable construction and provided with suitable apertures for a main supply pipe 2 and branch pipes 3, 4, 5 and 6. The casing is also provided with a conical bore 7, communicating with said apertures for the main supply pipe and branch pipes, and adapted to receive a corresponding conical plug 8 having a stem 9 which engages a sleeve 10 provided with a finger piece 11, and detachably connected with the stem 9 by means of a screw stud 12. The outer end of the stem 9 may be provided with an ornamental device 13 of any desired construction. A cap 14 is secured to the casing 1 by means of stud screws 15 or otherwise, and a spring 16 is arranged between the plug 8 and the inner surface of said cap so as to hold the plug 8 snugly in position in the recess 7 of the casing. The plug 8 has a hollow interior and the wall of the plug is provided with separate series of apertures 17, 18, 19 and 20 respectively, the apertures of one series being spaced from those of each of the other series.

A pointer 21 is connected with the sleeve 10 and registers with numerals or markings 22 on the casing 1. The pointer 21 is held against movement in one direction by means of a stud or stop 23.

When the device is in use and the plug arranged as shown in Fig. 4, one of each series of apertures registers with the aperture of one of the branch pipes. As the stem 9 is turned to the left, however, by means of the finger piece 11, the aperture 17 is moved out of alinement with the aperture of the branch pipe 5, and another of the apertures 18, 19 and 20 brought in alinement with the aperture of its respective branch pipe. When the stem 9 is turned farther to the left the apertures 17 and 18 are out of alinement with the aperture of their respective branch pipes, leaving only the apertures 19 and 20 in alinement with the branch pipes 3 and 4, and if the stem 9 is turned farther to the left the apertures 17, 18 and 19 will be out of alinement with their respective branch pipes, leaving only one of the apertures 20 in alinement with the branch pipes 4. A still farther turn of the stem will bring all of the apertures 17, 18, 19 and 20 out of alinement with the apertures of the branch pipes and shut off the supply of gas from all of the burners connected therewith. The stem 9 is held by means of the stop 23 against rotary motion to the right beyond where all of the burners engage one of the apertures of the different series of the block. As one, two, three or four of the burners are opened by means of the rotation of the stem 9 and plug 8 connected therewith, the number so opened will be designated by the pointer 21 and the figure or marking of the casing to which it points, as illustrated in Fig. 3.

When it is desired to turn on any particular number of burners, the pointer 21 is made to register with the desired number on the casing, and the rotation of the plug 8 in turning the pointer to the desired number bring the the apertures of the proper number of series in alinement with the apertures of the branch pipes.

In the construction herein shown and described, the several series of apertures in the plug 8 are arranged in the same horizontal plane. Such arrangement is not essential to my invention, however, and if desired the apertures of each series may be arranged in a different plane from the apertures of each of the other series.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

In a device of the character described, the combination with a casing having a main aperture, a series of branch apertures, and a conical central bore, communicating with said main and branch apertures, of a tubular plug engaging the conical bore of said casing and provided with a multiple series of apertures adapted to register with the branch apertures of said casing, the apertures of each series of said plug increasing progressively in number, and a stem connected with said plug.

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

ABRAHM JARMOLOWSKY.

Witnesses:

ISAAC WOLSKY,

MAX LEVIN.