

No. 753,871.

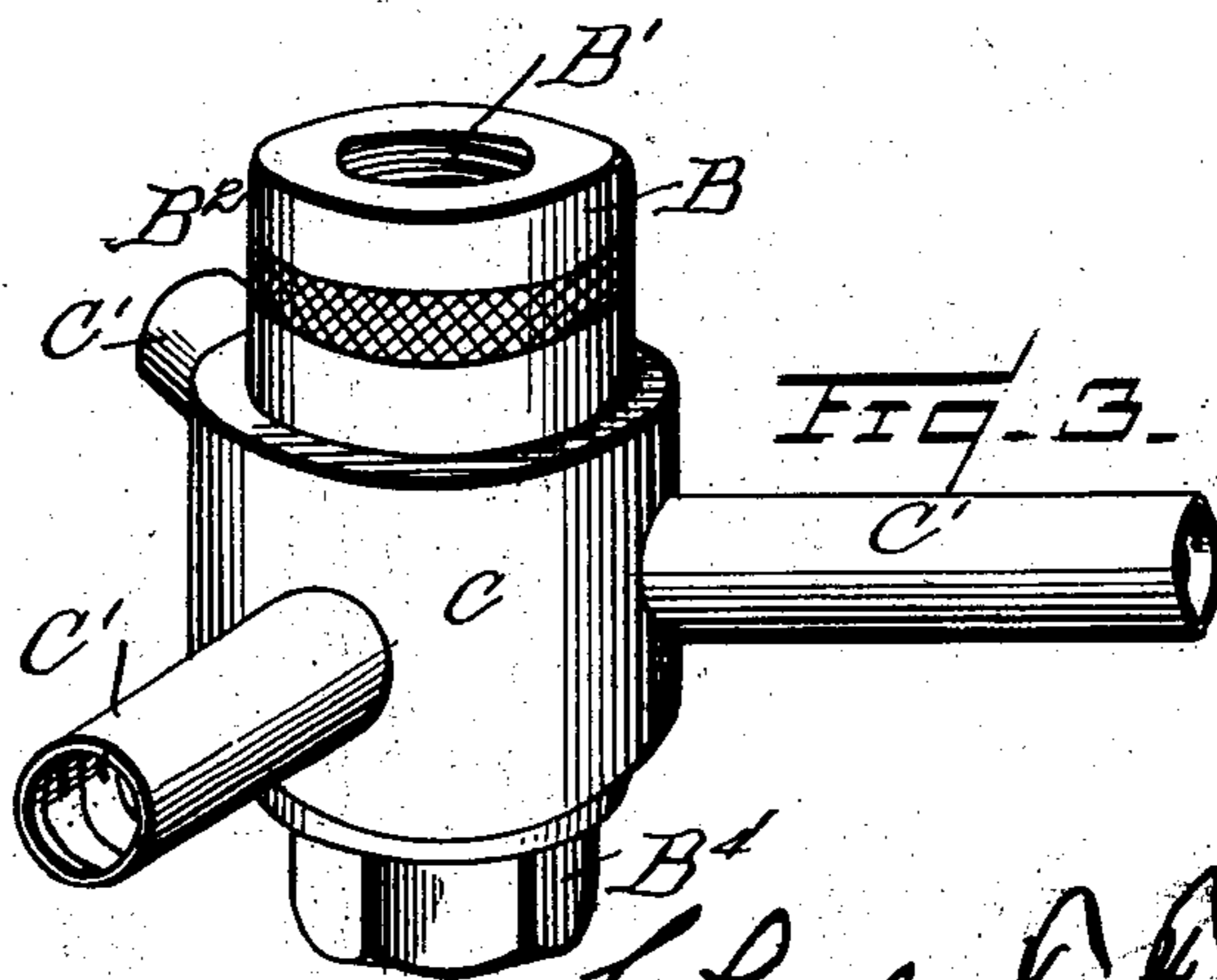
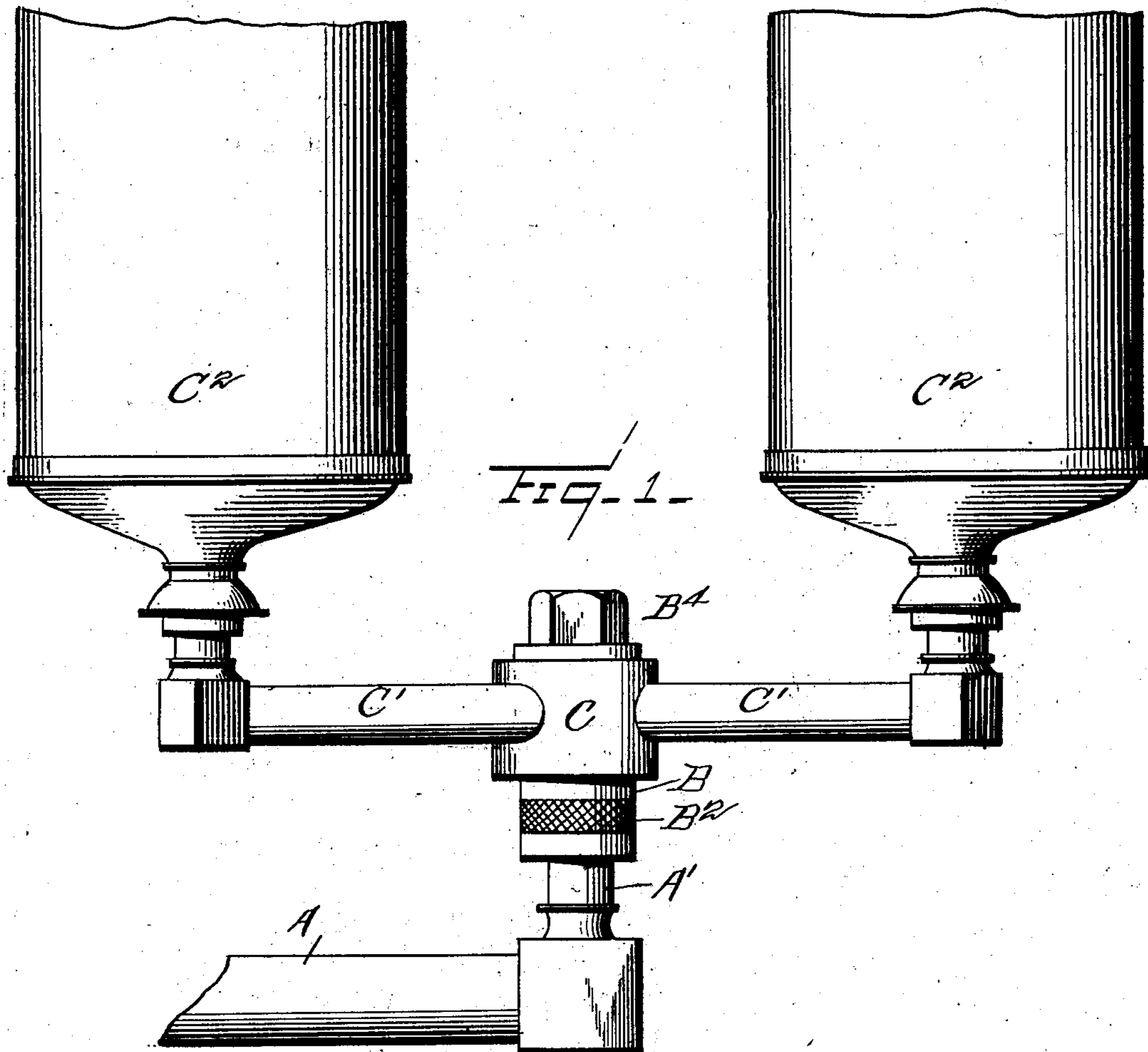
PATENTED MAR. 8, 1904.

C. T. FULLER.
GAS BURNER.

APPLICATION FILED SEPT. 19, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



WITNESSES:

W. F. Doyle
A. L. Hough

INVENTOR

Charles T. Fuller

BY

Franklin H. Hough
Attorney

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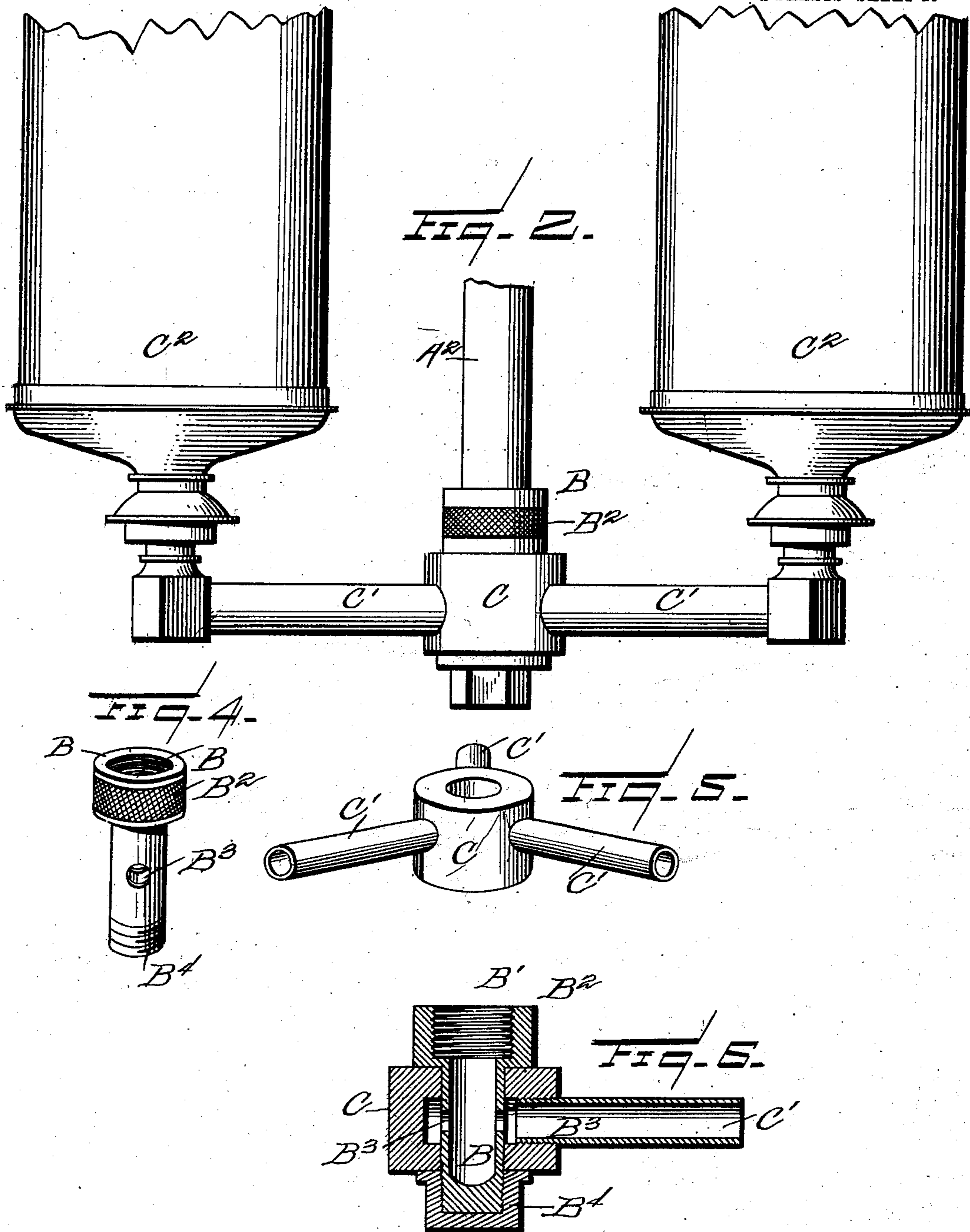
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UNITED STATES PATENT OFFICE.

CHARLES T. FULLER, OF OLEAN, NEW YORK.

GAS-BURNER.

SPECIFICATION forming part of Letters Patent No. 753,871, dated March 8, 1904.

Application filed September 19, 1903. Serial No. 173,880. (No model.)

To all whom it may concern:

Be it known that I, CHARLES T. FULLER, a citizen of the United States, residing at Olean, in the county of Cattaraugus and State of New York, have invented certain new and useful Improvements in Gas-Burners; 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 of reference marked thereon, which form a part of this specification.

This invention relates to a gas-burner attachment, and particularly to a coupling adapted for application to an ordinary pipe-fixture by which a plurality of burners may be applied to a single service-pipe.

The invention has for an object to provide a coupling which can be reversed in position, thus providing for a bracket or wall lamp or application to a hanging fixture by a reversal of the parts of the coupling.

Other and further objects and advantages of the invention will be hereinafter set forth and the novel features thereof defined by the appended claim.

In the drawings, Figure 1 is an elevation showing the invention applied to a bracket-fixture. Fig. 2 is a similar view showing the invention applied to a hanging fixture. Fig. 3 is a detail perspective of the coupling as used in Fig. 2. Fig. 4 is a similar view of the conducting-pipe for the coupling, and Fig. 5 is a perspective of the shell within which the pipe is placed. Fig. 6 is a vertical section through the parts assembled as shown in Fig. 2.

Like letters refer to like parts in the several figures of the drawings.

Referring to the application of the invention shown in Fig. 1, the letter A designates a service-pipe or bracket-fixture of the ordinary construction which is provided with a threaded connecting-post A' at its outer end. The coupling is applied to this post by means of the conducting-pipe B, which is interiorly threaded, as at B', and may be provided upon its periphery with a suitably-roughened surface B² to assist in securing the same in position.

The conducting-tube is also provided between its ends with a series of discharge-openings B³, and at its opposite end is exteriorly threaded, as shown at B⁴, to which a nut or cap B⁵ may be applied for holding the conducting-tube within the casing C. This casing is provided with a plurality of radiating pipe connections C', of which any desired number may be used, they being provided at their outer ends with burners C² of any desired or preferred construction, preferably the ordinary Welsbach burner now in use. In this application of the invention the gas is conducted upward through the tube and discharged to the burners, so that a plurality of burners may be applied to an ordinary bracket-fixture for the purpose of securing the most light therefrom.

In the application of the invention shown in Fig. 2 the position of the conducting-tube B is completely reversed into the position shown in Figs. 3 and 6, so that the flow of gas is downward from the hanging pipe A², to which the threaded end of the conducting-pipe is applied, while the burner-fixtures may be of a similar construction to that disclosed in connection with Fig. 1.

The operation of the invention will be apparent from the foregoing description, and it will be seen that a coupling is presented which is simple in construction and provides for the use or application of a plurality of burners upon a single fixture, while the position of the coupling device relative to the fixture may be reversed, so as to render it equally applicable to either bracket or hanging fixtures. The invention is also capable of application by an unskilled person, as it only requires to be screwed upon the ordinary fixture after the removal of the tip-burner.

It will be obvious that changes may be made in the details of construction and configuration without departing from the spirit of the invention as defined in the appended claim.

Having described my invention and set forth its merits, what I claim as new, and desire to secure by Letters Patent, is—

A valve apparatus for gas-fixtures comprising a valve-chamber C with radiating pipes communicating therewith, a hollow detach-

able coupling B interiorly chambered mounted in a vertical aperture in said chamber, the inner end of said coupling being closed and having circumferential threads, the walls of the coupling being apertured, a threaded cap fitted over the inner end of said coupling, the opposite end of the coupling being shouldered and adapted to rest against the top of said chamber and having its circumference milled,

the interior chambered portion of the coupling having threads and a threaded pipe adapted to be fitted thereto, as shown and described. 10

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

CHARLES T. FULLER.

Witnesses:

J. H. THOMPSON,
ANNA M. FRAZEE.