M. P. O'DONOHOE & C. P. ELLIS.

GAS RANGE ATTACHMENT.

APPLICATION FILED APR. 12, 1910.

969,558. Patented Sept. 6, 1910.

Fig. 1.

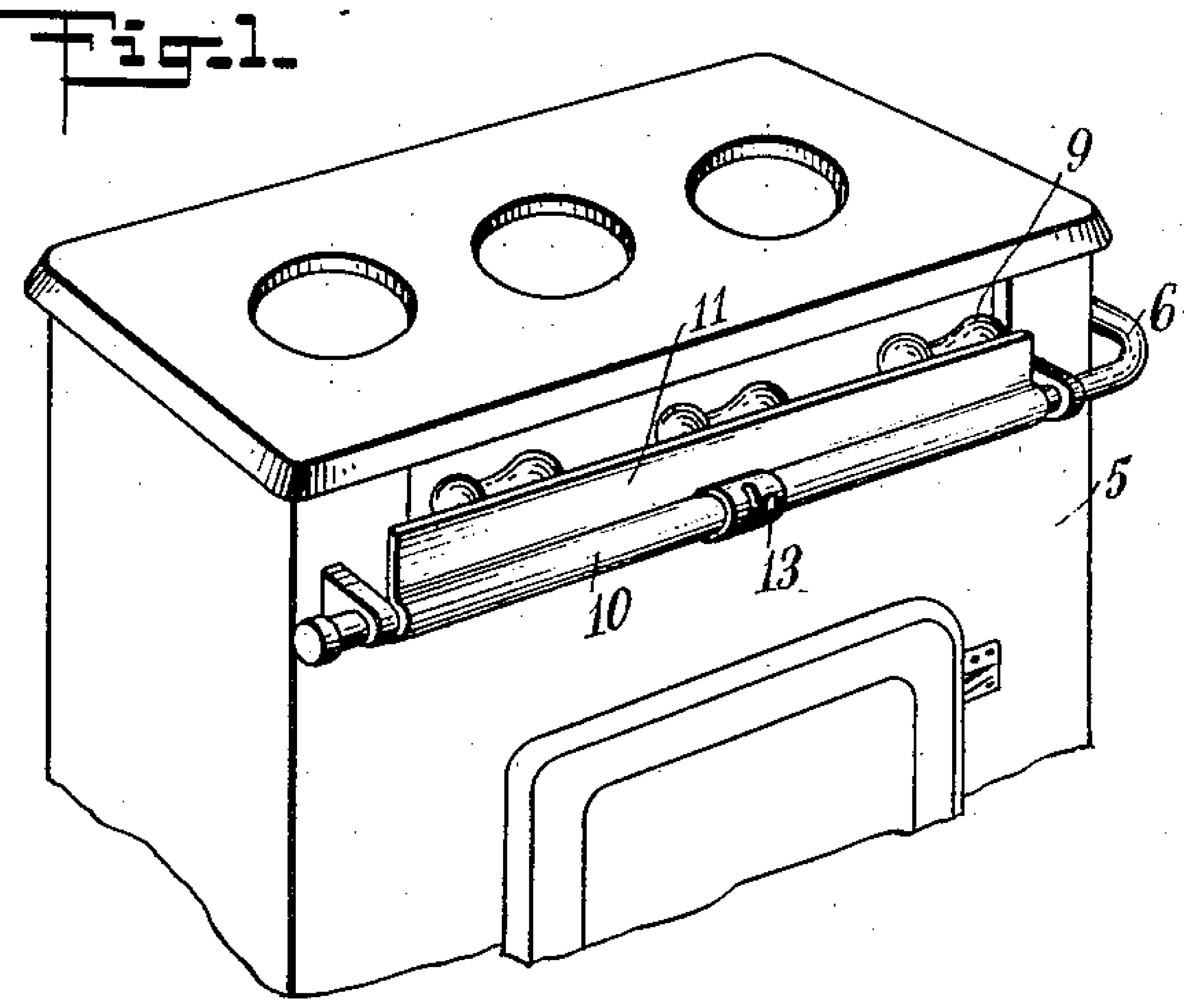


Fig. 2.

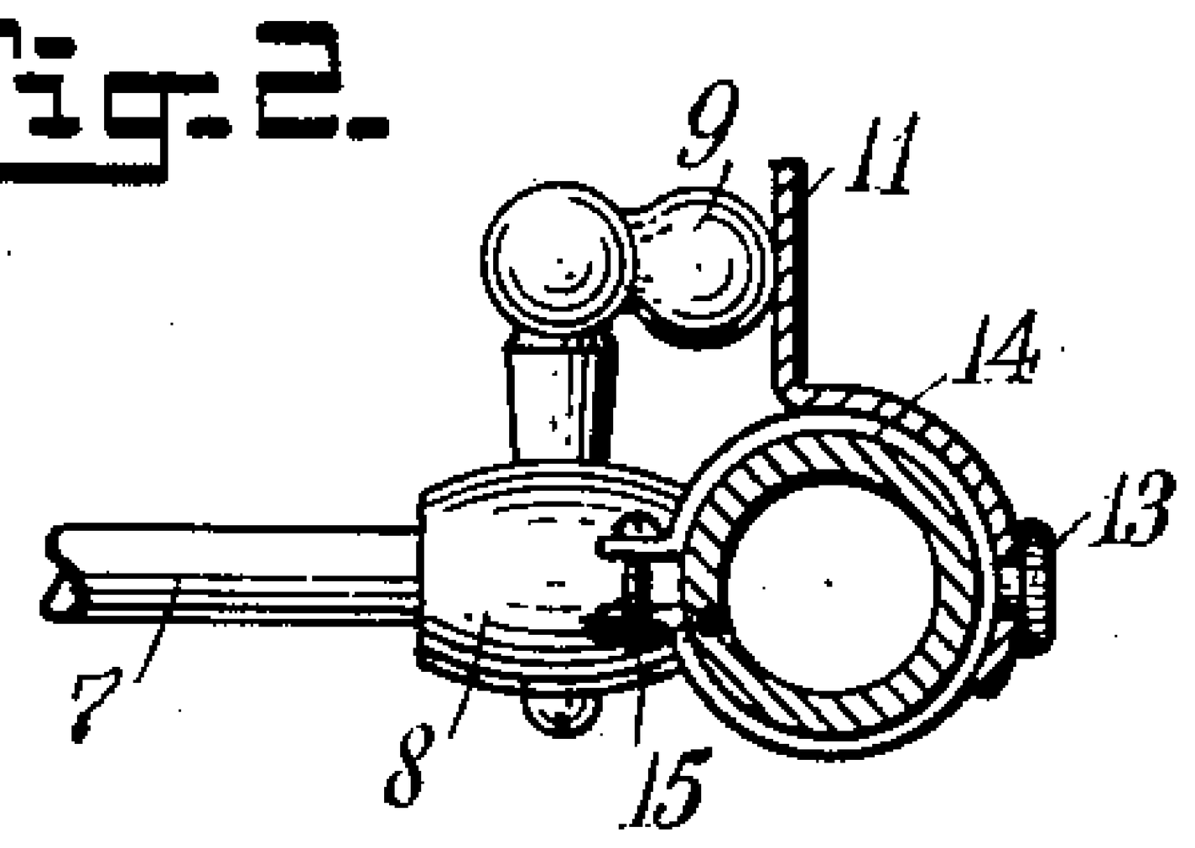


Fig. 3.

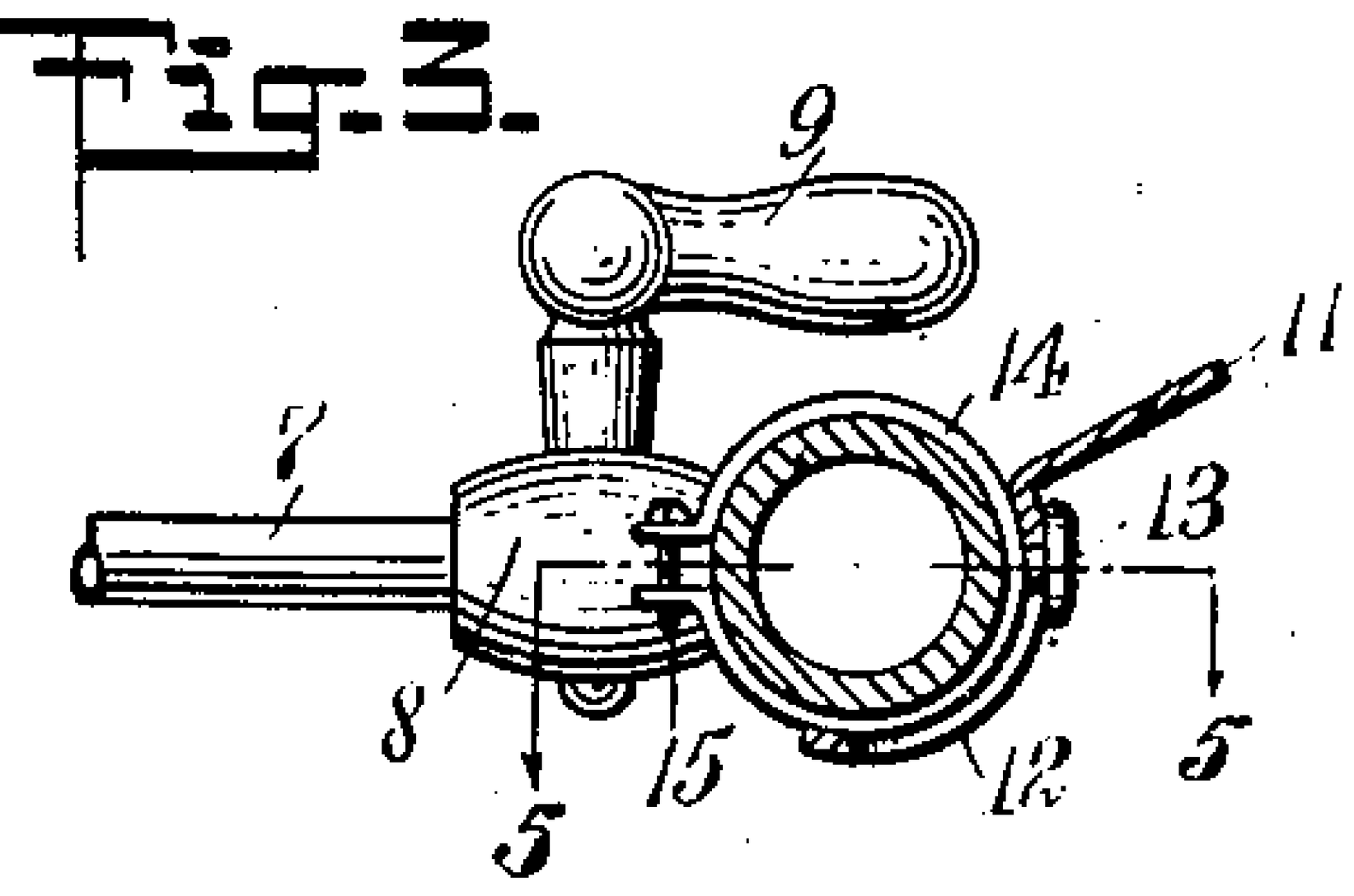
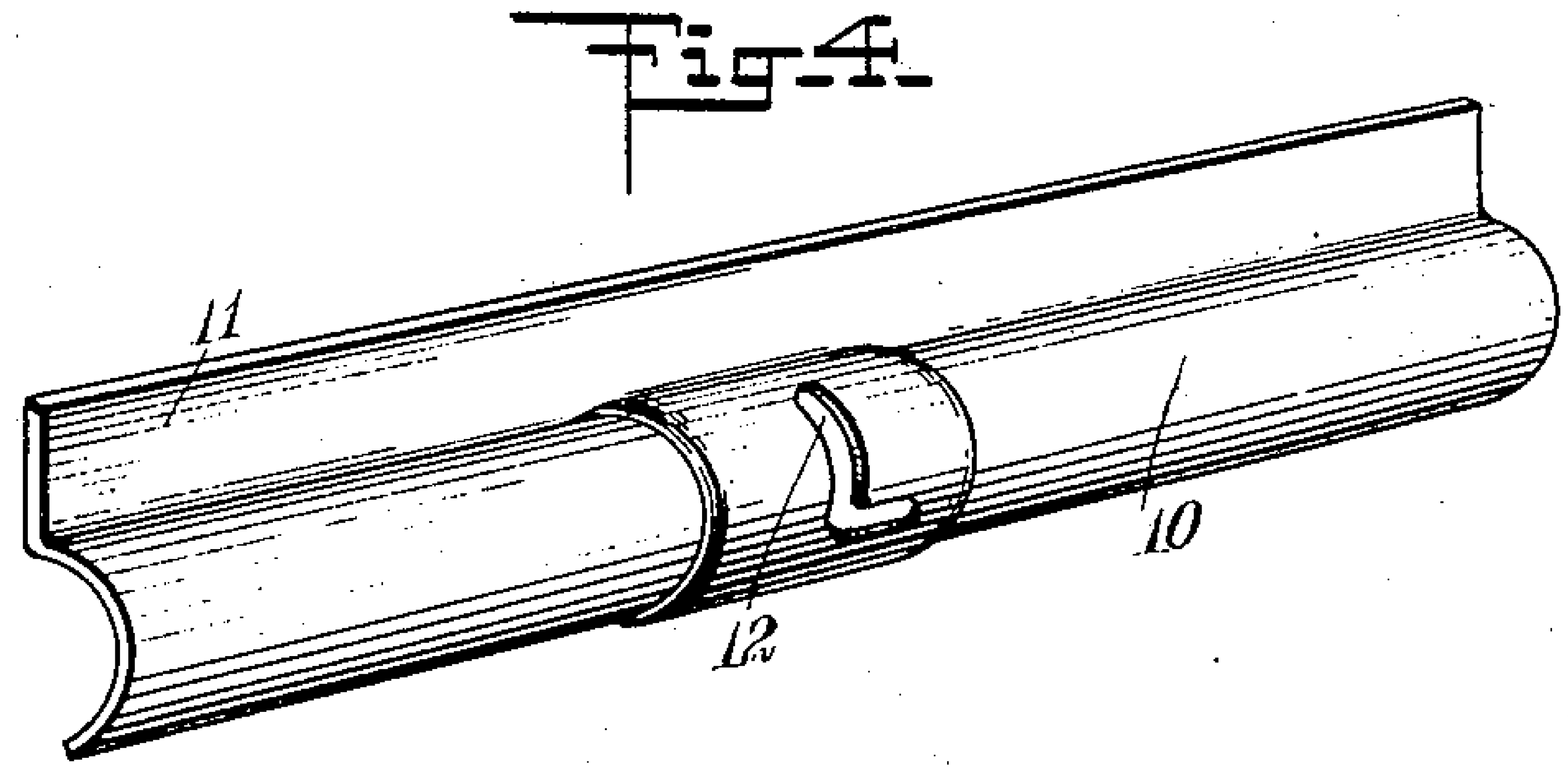


Fig. 4.



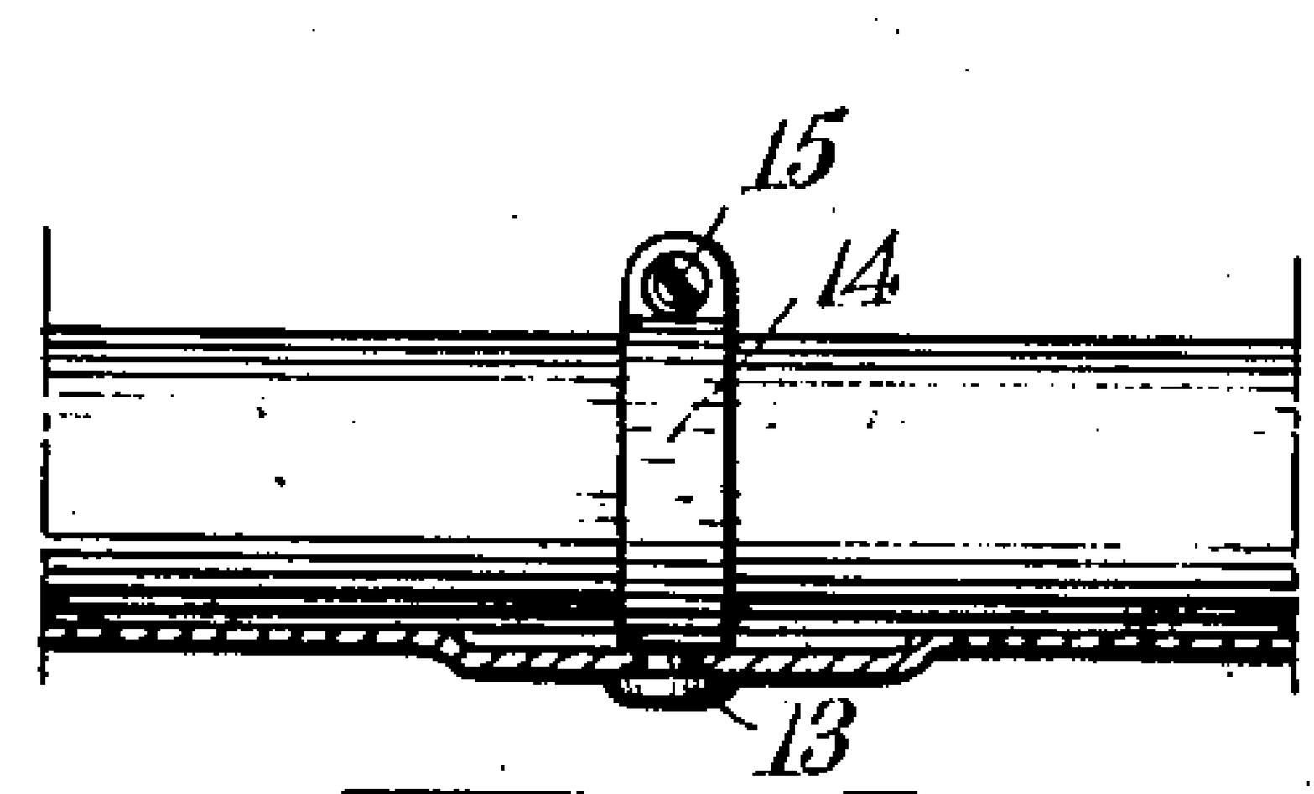


Fig. 5.

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GAS-RANGE ATTACHMENT.

969,558. Specification of Letters Patent. Patented Sept. 6, 1910.

Application filed April 12, 1910. Serial No. 554,996.

To all whom it may concern:

Be it known that we, MAURICE P. O'DONOHOE and CHARLES P. ELLIS, both citizens of the United States, and residents of Nashville, in the county of Davidson and State of Tennessee, have invented a new and Improved Gas-Range Attachment, of which the following is a full, clear, and exact description.

The invention has reference to devices to prevent a gas cock from being accidentally turned to a position in which it will allow the escape of the gas, the device being especially constructed for gas ranges, and is an improvement in the gas range attachment disclosed in Letters Patent No. 958,525, granted May 17, 1910, to Maurice P. O'Donohoe.

The present invention has in view a stop device mounted to turn and slide on the gas supply pipe adjacent to the controlling cocks, and means to lock the stop device in operative position, engaged and disengaged by the sliding movement.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 shows in perspective the upper portion of a gas range having our improved attachment applied thereto; Fig. 2 is a cross-section through the attachment and gas supply pipe, showing the stop device in operative position; Fig. 3 is a similar section, showing the stop device in an inoperative position; Fig. 4 is a perspective view of the stop device removed from the gas supply pipe; and Fig. 5 is a fragmentary section on the line 5—5 of Fig. 3.

To make the application and operation of our improved attachment clear, we have shown an ordinary form of gas range 5, having a gas supply pipe 6 extending across the front, from which leads to each of the burners, a branch pipe 7 having a controlling valve or cock 8, arranged adjacent to the supply pipe 6, and having the operating handle 9, as is the customary practice.

A stop device 10, constituting the prime feature of our attachment, is preferably constructed of a sheet metal blank having the lower portion thereof curved to conform to the supply pipe 6, on which the device is mounted to turn. From the upper edge of the curved portion 10 extends a flange 11, which is designed to move into the path of and against the handles 9 of the cocks.

To hold the stop device assembled with the supply pipe and secure it in its different positions of adjustment, we provide the curved portion with a slot 12 arranged at or near the center, and provide the supply pipe 6 with a headed stud or screw 13, the same being preferably fixed to a split clamping ring 14, which is sprung over the pipe and secured after being adjusted at the proper point for the stop device by a screw 15, the latter connecting the ends of the clamping ring together. The slot 12, through which the screw or stud 13 passes, is shown to be approximately L-shaped, having a transverse portion and an offset arm or longitudinal portion, the stop device when in its operative position, being slid longitudinally of the gas supply pipe 6, and engaged in the longitudinal portion or arm of the slot when desired to lock the flange 11 against or in the path of the handles 9 of the cocks, whereby the latter cannot be accidentally opened.

In order that the clamping ring 14 may not interfere with the stop device seating firmly on the gas supply pipe, the curved portion 10 of the stop device is expanded sufficiently to take in the thickness of this member, as best shown in Fig. 5.

In applying the attachment to the range after the clamping ring 14 is sprung over the gas supply pipe, the flange 11 is brought up against the handles of the cocks, when the latter are cut off, the stud or screw 13 being engaged in the arm or notch of the slot 12, and sufficient room allowed on the supply pipe between the supports or brackets to shift the stop device in a direction to bring the transverse portion of the slot 12 in register with the stud or screw 13. By then tightening the screw 15, the stop device is properly applied to the range and is in readiness for use.

Having thus described our invention, we claim as new and desire to secure by Letters Patent:

The combination of a supply pipe, a cock connecting with the pipe and having a handle, a stop device having a curved portion adapted to turn and slide on the pipe and provided with a portion to move in the path of the cock handle, with the curved portion

expanded and provided with an approximately transverse slot with a notch at one side thereof, and a clamping ring arranged about the pipe within the expanded portion of the stop device and having a stud passing through the said slot.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

MAURICE PATRICK O'DONOHOE.
CHAS. PRENTIS ELLIS.

Witnesses:
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