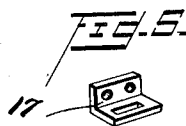
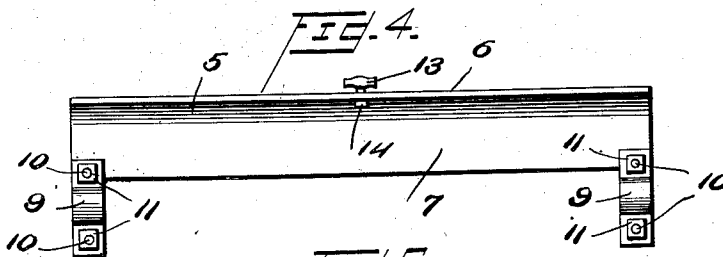
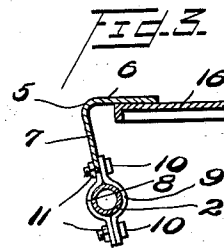
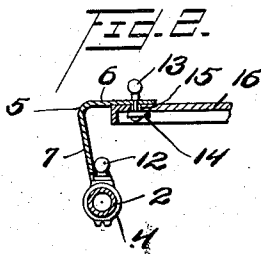
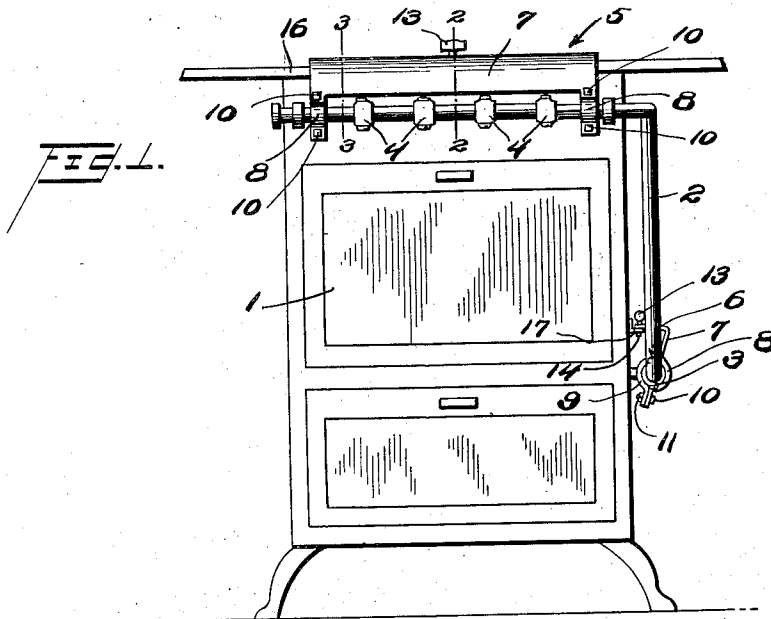


F. J. GEMUNDER.
SHIELD OR PROTECTOR FOR STOP COCKS.
APPLICATION FILED APR. 30, 1912.

1,037,612.

Patented Sept. 3, 1912.



Witnesses

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FREDERICK J. GEMUNDER, OF PHILADELPHIA, PENNSYLVANIA.

SHIELD OR PROTECTOR FOR STOP-COCKS.

1,037,612.

Specification of Letters Patent.

Patented Sept. 3, 1912.

Application filed April 30, 1912. Serial No. 694,167.

To all whom it may concern:

Be it known that I, FREDERICK J. GEMUNDER, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Shields or Protectors for Stop-Cocks, of which the following is a specification.

My invention relates to improvements in shields or protectors for stop cocks, particularly adapted for use in connection with a gas stove or range which when in locked position, securely holds all of the cocks in closed position, and if any of the cocks be partially open, the closing of the shield will turn the cocks to closed position and securely hold them against possibility of accidental movement.

A further object is to provide a device of this character which may be readily attached to any ordinary gas stove which when in position will not only hold the cocks in closed position, but will prevent engagement therewith, so that they cannot be accidentally opened.

A further object is to provide a device of this character which is of extreme simplicity, which may be manufactured and sold at a low price, and which will not interfere in any way with the ordinary operation of the cocks, except when the device is in its locked or closed position.

With these and other objects in view, the invention consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described and pointed out in the claims.

In the accompanying drawings: Figure 1, is a view in front elevation illustrating a gas range showing my improvements thereon. Fig. 2, is a fragmentary view in section on the line 2—2 of Fig. 1. Fig. 3, is a similar view on the line 3—3 of Fig. 1. Fig. 4, is an inner face view of my improved device, and Fig. 5, is a perspective view of the bracket 17, which is secured to the side of the oven as seen most clearly in Fig. 1.

1, represents a gas range of ordinary construction having the ordinary gas supply pipe 2 which is provided with cocks 3 controlling the flow of gas to the oven, and with cocks 4 controlling the flow of gas to the burners on top of the range. This pipe 2, at the side of the range, where the oven

cocks are located and at the front of the range where the top burner cocks are located, is horizontal and on each of these portions of the gas supply pipe, I support one of my improved shields or protectors 5. These protectors are precisely alike in construction. Each protector consists of a plate of sheet metal bent upon a longitudinal line, so that the plate forms two members 6 and 7 located at an acute angle relative to each other. This angle is less than a right angle as seen most clearly in Figs. 2 and 3, and the member 7 at the end of the device is made with extensions 8 curved between their ends forming half bearings which coöperate with similar shaped half bearings in straps 9, the latter clamped to the extensions by means of bolts 10 and nuts 11. The bearings thus formed are adapted to receive the gas pipe 2, and of course in assembling the parts, the straps 9 will be placed on the device when the latter is in position against the gas pipe, and to remove the device, it will be necessary to remove the straps. The bearings are located a distance below the lower edge of member 7, so that the device may be moved to locked position as shown in Fig. 2. In other words, as the vertical portions of the cocks extend above the gas pipes, it is necessary to position the lower edge of the shield above the gas pipes and project the member 7 at an angle so as to allow the member 6 to lie in a substantially horizontal plane.

The handles 12 of the cocks will be engaged by the member 7 of the shield, so that these handles 12 will be held against turning movement. To lock the shield, a turn-button 13 is provided in member 6, and this turn-button has an arm 14 at its inner end which is adapted to be positioned through an opening 15 in the top 16 of the range, and when turned at an angle securely hold the shield in place. The turn-button 13 for the oven cock holding shield locks in a slotted bracket 17 secured to the side of the range. This bracket is shown in detail in Fig. 5, and in end elevation in Fig. 1. The shield is shown in closed position holding the cocks against turning movement. To release the shield, the turn-button is moved and drawn out of the slot in the oven top or bracket 17 as the case may be, and the shield swung downwardly. The extreme ends of the extensions 8 and straps 9 will then engage the face of the range so as

to prevent the shield from turning all the way over and hold it in proper position ready to be returned to locked position.

Various slight changes might be made in the general form and arrangement of parts described without departing from my invention, and hence I do not limit myself to the precise details set forth, but consider myself at liberty to make such changes and alterations as fairly fall within the spirit and scope of the appended claims.

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

15 1. A device of the character described, comprising a plate bent forming two members at an angle to each other, extensions on one member having half bearings between their ends, straps secured to said extensions and having half bearings therein adapted to secure the device upon a gas supply pipe, and a locking device on said shield adjacent the free end thereof adapted to secure the same with one of its members against the handles of the gas supply cocks, substantially as described.

2. A device of the character described, comprising a plate bent forming two members at an angle to each other less than a

right angle, extensions on one member, straps secured to said extensions, said extensions and straps bent forming bearings to receive a gas pipe, a fixed part of the stove having an opening therein, and a turn-button supported by the other member and adapted to be projected through the opening and secure the device in closed position, substantially as described.

3. In combination with a gas range having an opening in its top, a gas supply pipe, a series of gas supply cocks in said pipe, and handles on said cocks, of a shield comprising a plate bent at an angle forming two members, extensions on one member mounted to turn on the gas pipe, and a rotary locking device on the other member adapted to be projected through the opening in the range top and secure the device against movement with one of its members positioned against the sides of the cock handles, substantially as described.

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

FREDERICK J. GEMUNDER.

Witnesses:

CLARENCE M. DUDLEY,
JOHN J. KANE.