Oct. 13, 1925.

1,557,249

E. GOOSEIDE

GAS SAVING DEVICE

Filed Aug. 28, 1923

Fig. 1.

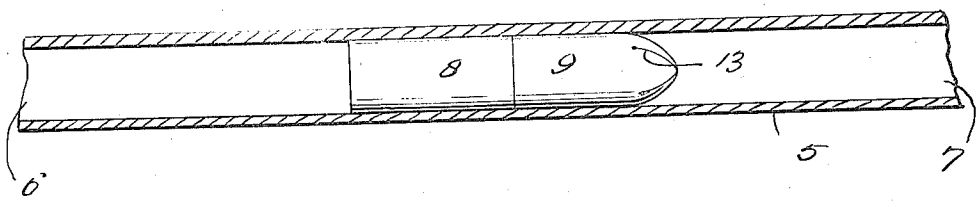


Fig. 2.

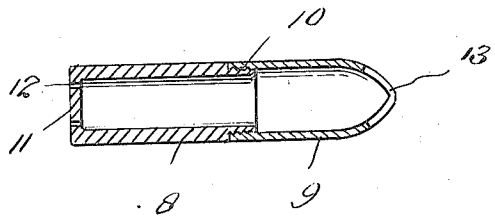


Fig. 3.

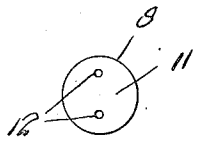
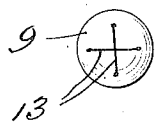


Fig. 4.



Witness

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UNITED STATES PATENT OFFICE.

ELIAS GOOSEIDE, OF LONG ISLAND CITY, NEW YORK.

GAS-SAVING DEVICE.

Application filed August 28, 1923. Serial No. 659,713.

To all whom it may concern:

Be it known that I, ELIAS GOOSEIDE, a citizen of the United States, residing at Long Island City, in the county of Queens and State of New York, have invented certain new and useful Improvements in Gas-Saving Devices, of which the following is a specification.

This invention relates to a gas saving device, and has particular reference to the provision of means adapted to be placed in the supply line of a gas stove burner and by the use of which the consumption of gas or fuel is reduced to a minimum whereby the operation of the burner is rendered more economical.

The primary object of the invention is to provide a device of the above kind which embraces the desired qualities of simplicity and durability in construction as well as efficiency in operation, the device at the same time being of such a nature and form as to be easily applied to or removed from the gas supply line and being capable of being readily taken apart for cleaning or repair purposes.

With the above general objects in view, the invention consists in the novel form, combination and arrangement of parts hereinafter more fully described, shown in the accompanying drawings and claimed.

In the drawings, wherein like reference characters indicate corresponding parts throughout the several views:

Figure 1 is a fragmentary longitudinal sectional view of a supply hose for burners having a gas saving device constructed in accordance with the present invention disposed therein.

Figure 2 is a longitudinal sectional view of the gas saving device detached.

Figure 3 is a rear elevational view of the device shown in Figure 2, and

Figure 4 is a front elevational view thereof.

Referring more in detail to the drawing, 5 indicates a portion of a rubber hose or flexible conduit, employed for conveying the gas from the meter to the gas burner, the gas entering this conduit at the end indicated at 6 and leaving at the end indicated at 7.

Snugly fitted within this conduit 5 is the gas saving device constituting the present invention which consists of a bullet shaped shell preferably composed of longitudinal half-sections 8 and 9 detachably connected together by threading one into the other as denoted generally at 10. This shell is hollowed and has its flat wall 11 at the intake end thereof provided with a plurality of reduced openings 12 through which the gas passes into the interior of the shell, the pointed outlet end of said shell being provided with narrow intersecting slits 13 through which the gas flows from the interior of the device in its passage to the burner.

It is believed that the construction and operation as well as the advantages of the present invention will be readily understood and appreciated by those skilled in the art from the foregoing description.

What I claim as new is:

As a new article of manufacture, a gas saving device adapted to be inserted into a gas supply hose of elastic formation, a hollow bullet-shaped shell embodying a cylindrical portion closed at one end and open at its opposite end, and a complemental portion detachably connected to the open end and provided with a reduced pointed nose to facilitate insertion of the device into said hose, the closed end of said first named portion being provided with restricted intake openings, and said nose being slit to provide a restricted discharge.

In testimony whereof I affix my signature.

ELIAS GOOSEIDE.