

No. 612,651.

Patented Oct. 18, 1898.

R. SCHELBLE.
GAS BURNER.

(Application filed July 19, 1898.)

(No Model.)

FIG. 1

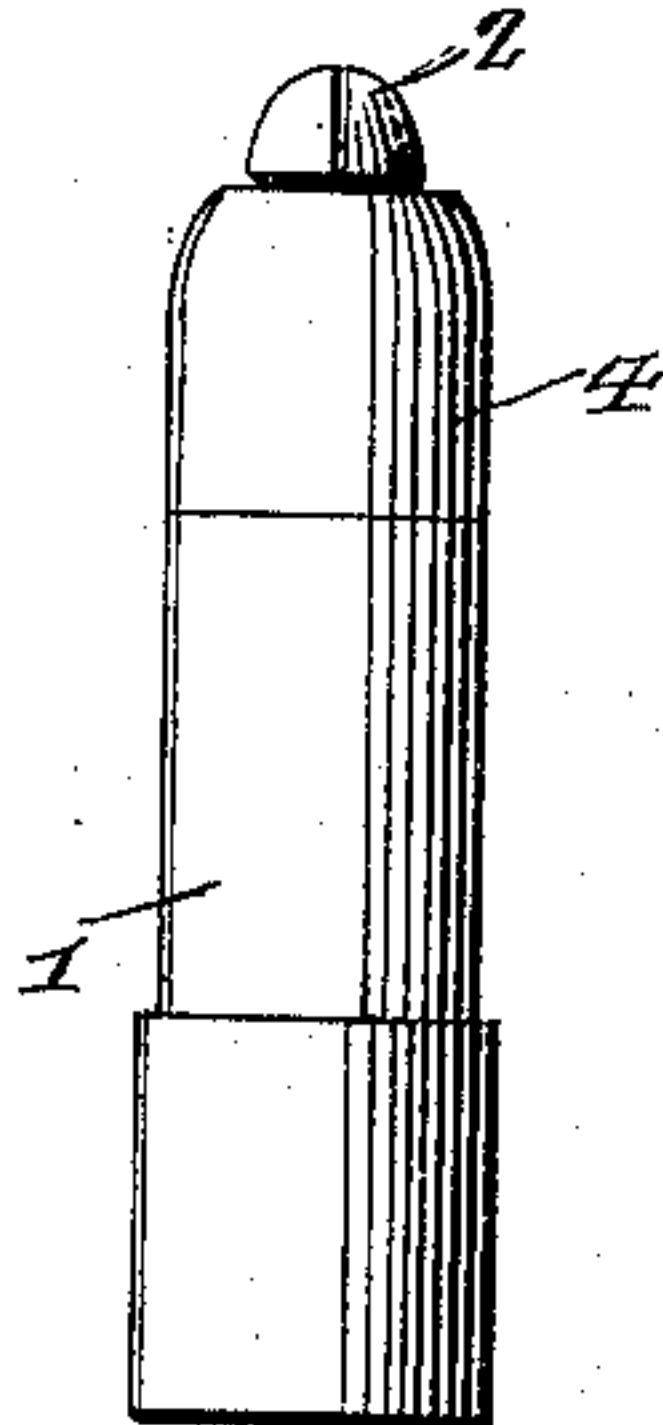
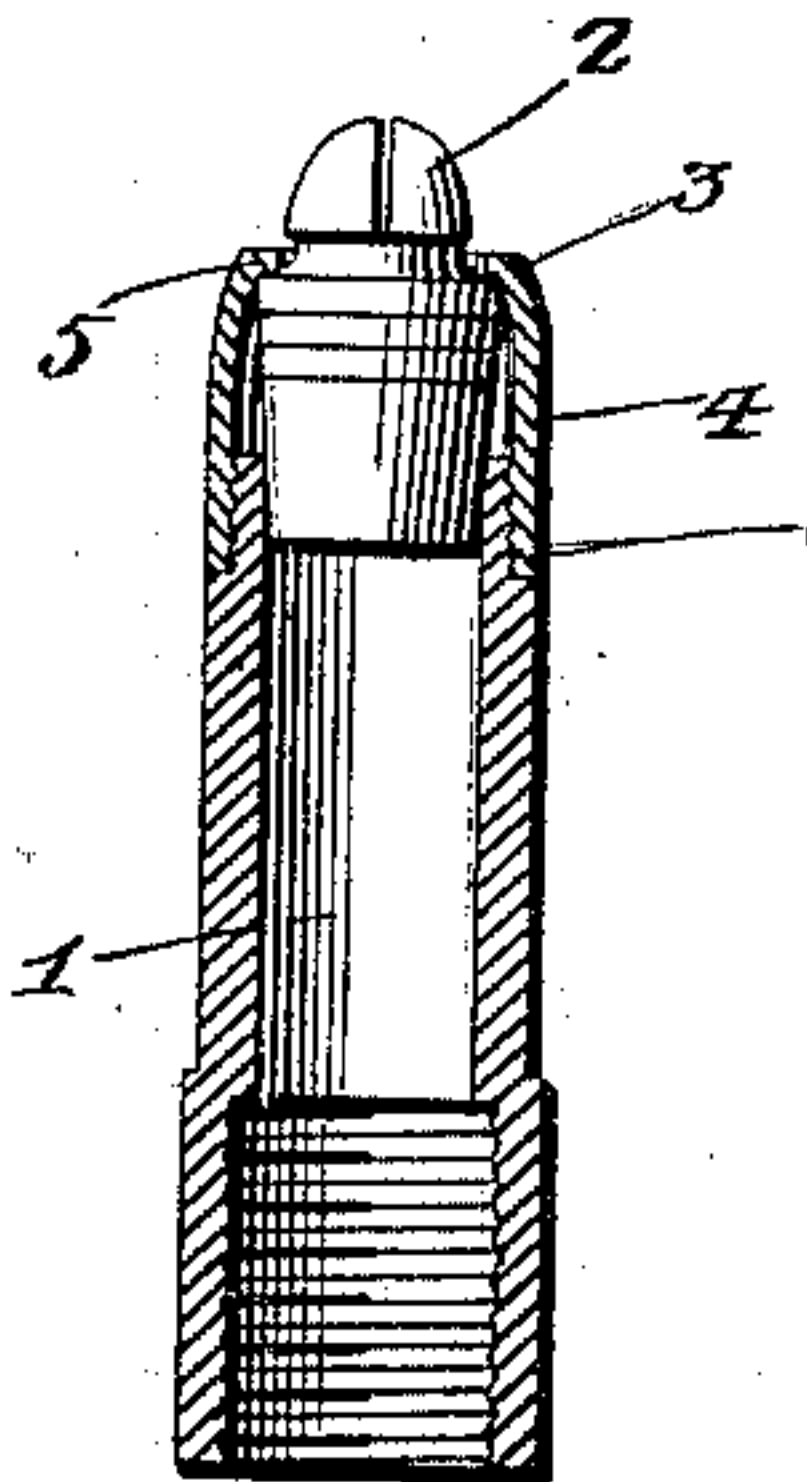


FIG. 2



Witnesses
T. L. Jenkins,
H. S. Bell.

Inventor
Reinhard Schelble—
by A. B. Wilson & Co.
Attorneys

UNITED STATES PATENT OFFICE.

REINHARD SCHELBLE, OF NEW YORK, N. Y.

GAS-BURNER.

SPECIFICATION forming part of Letters Patent No. 612,651, dated October 18, 1898.

Application filed July 19, 1898. Serial No. 686,338. (No model.)

To all whom it may concern:

Be it known that I, REINHARD SCHELBLE, a citizen of the United States, residing at New York, in the county of New York and State
5 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
10 it appertains to make and use the same.

My invention relates to improvements in gas-burners, and more particularly to that class of illuminating-gas burners provided with a separable tip; and the object is to provide a simple and efficient means for removably securing the tip in the pillar, and thus preventing its accidental displacement.

To this end the invention consists in certain features of construction and combination of parts, which will be hereinafter fully described and claimed.

In the drawings the same reference characters indicate the same parts of the invention.

25 Figure 1 is a side elevation of my improved burner. Fig. 2 is a vertical section of the same.

1 denotes the pillar, and 2 the lava tip, formed with the usual annular shoulder 3.

30 4 represents a cap-sleeve having a contracted orifice formed by turning the upper edge of the sleeve inwardly to form the annular flange 5, which permits the slitted end of the tip to extend through the flanged end
35 of the sleeve, while the flange 5 encompasses the shoulder 3. The lower end of the cap-

sleeve is internally threaded to engage the threaded shank 6 of the pillar.

A burner thus constructed prevents all liability to the accidental displacement of the tip or the possibility of the tip being blown out by the pressure of the gas, and it also insures a gas-tight joint between the tip and the pillar.

Having thus fully described my invention, 45 what I claim, and desire to secure by Letters Patent, is—

1. The combination with the pillar open at its upper end and the tip adapted to enter the open end of said pillar, of means connecting 50 the tip and pillar whereby said tip may be positively secured in said pillar, as and for the purpose set forth.

2. The combination with the pillar and the separable tip, of the cap-sleeve encompassing 55 said pillar and tip, substantially as and for the purpose set forth.

3. The combination with the pillar formed with the threaded shank, and the separable tip formed with the annular shoulder, of the 60 cap-sleeve internally threaded at its lower end and having its upper open end formed with an annular flange to engage said shoulder on the tip, substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

REINHARD SCHELBLE.

Witnesses:

OTTO H. DROEGL,
ORLANDO B. BATTEN.