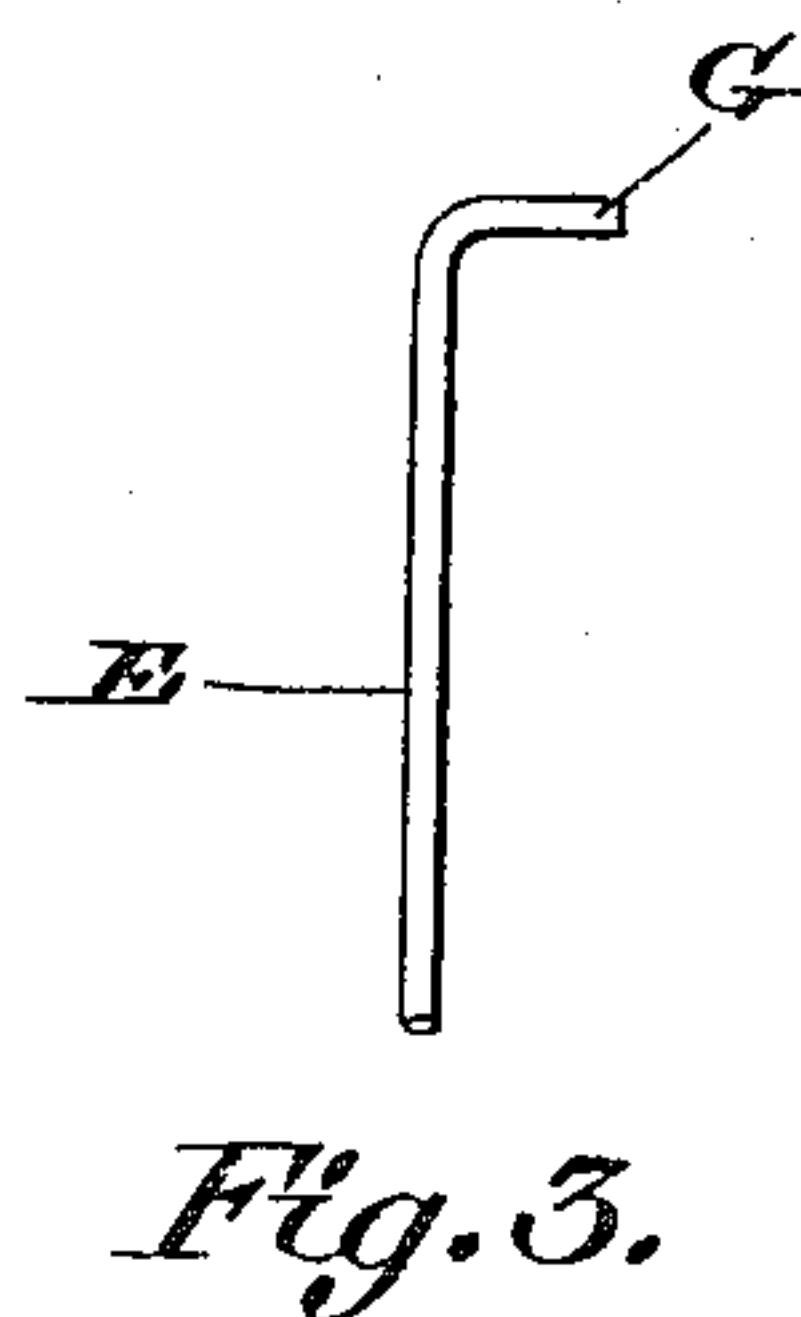
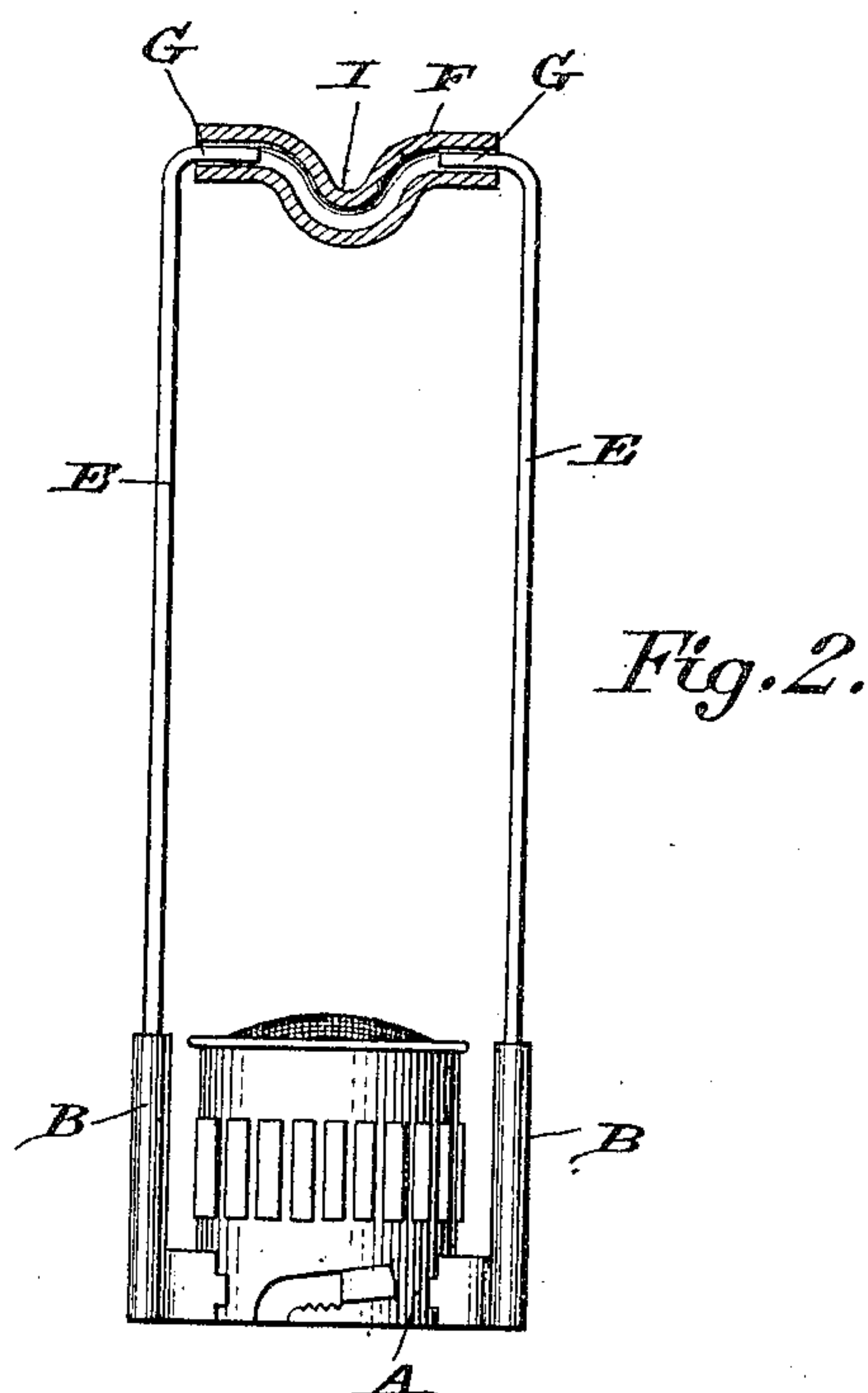
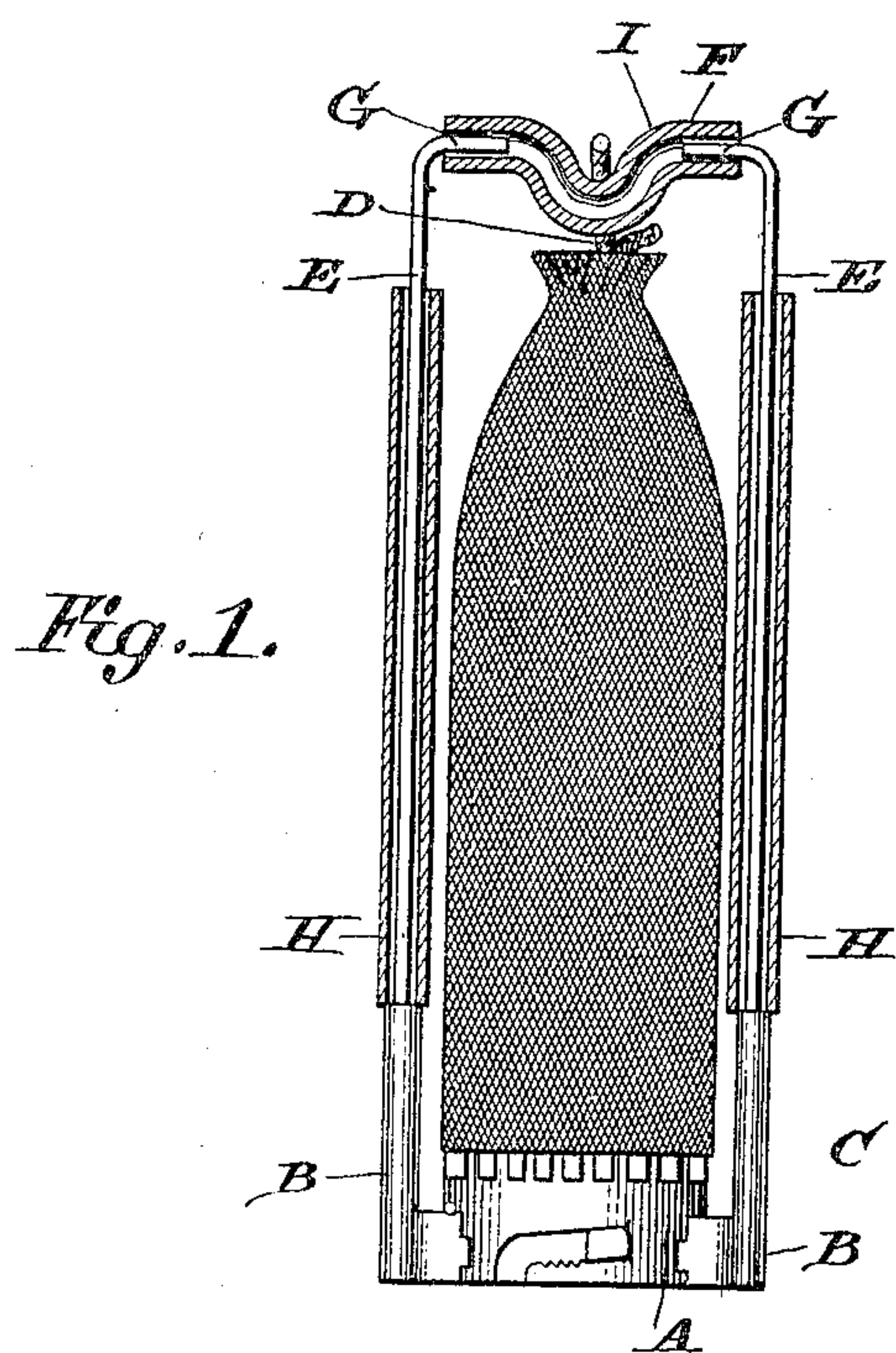


No. 798,340.

PATENTED AUG. 29, 1905.

M. HERSKOVITZ.
SUPPORT FOR INCANDESCENT GAS BURNER MANTLES.
APPLICATION FILED DEC. 27, 1904.



Witnesses,
L. J. H. H. H.
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Inventor,
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by William L. English
his attorney.

UNITED STATES PATENT OFFICE.

MAX HERSKOVITZ, OF CHICAGO, ILLINOIS.

SUPPORT FOR INCANDESCENT-GAS-BURNER MANTLES.

No. 798,340.

Specification of Letters Patent.

Patented Aug. 29, 1905.

Application filed December 27, 1904. Serial No. 238,525.

To all whom it may concern:

Be it known that I, MAX HERSKOVITZ, a citizen of the United States of America, and a resident of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Supports for Incandescent-Gas-Burner Mantles, of which the following is a specification.

Many methods have been devised for supporting the mantles of incandescent gas-burners; but to each method some objection has appeared. Supports made of metal have had the necessary rigidity, but have been found not to be able to withstand the intense heat. On the other hand, supports made of asbestos have been durable, but have not had the necessary rigidity. It is to overcome these difficulties and provide a mantle-support that is rigid, durable, simple, and cheaply made that my invention is adapted, as will be more particularly hereinafter described and then pointed out in the claims at the end of the description.

In the drawings, Figure 1 is a view in perspective of an incandescent-burner cap with the mantle attached, showing my mantle-support in section, also showing in section a method of protecting the side wires of the mantle-support as used in connection with my invention. Fig. 2 is a view in perspective of a burner, showing my mantle-support in section. Fig. 3 is a view of a side wire to which my support is adapted to be fitted.

Throughout the drawings similar letters refer to similar details.

A is an incandescent-burner cap of ordinary construction having attached thereto two side supporting-pieces B, which are tubular in form and into which fit upright wire supporting-rods E.

C is an ordinary incandescent gas-mantle, at the upper end of which is attached the cord D, adapted to attach the mantle to the support.

The mantle-support F is made of clay, magnesium, or any other rigid and refractory material. It is made in tubular form and is bent at its center to form U-shaped depression I, adapted to hold securely the cord D, which sustains the mantle. The upright supporting-rods E are bent near their upper ends at right angles to each other, forming shoulders G, which are sprung into the ends of the tubular support F, holding it securely and forming a strong and rigid support. The support F need not be entirely tubular, but may be solid except at its ends onto which the shoulders G are to be sprung.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States of America, is—

1. A support for an incandescent gas-mantle, consisting of a horizontal tube made of refractory material, and two upright supporting-rods, the upper ends of which are horizontally bent and are sprung into the ends of said tube, substantially as described.

2. In a support for an incandescent gas-mantle, the combination of a tube made of refractory material, and two vertical bars, the upper ends of which are bent toward each other at right angles, said bent ends of said upright bars being adapted to be sprung into the ends of said tube, substantially as described.

3. An incandescent gas-mantle support consisting of two upright metallic rods, the upper ends of which are bent toward each other at right angles, and a tube made of refractory material, said tube having at its center a U-shaped downward bend, the ends of said tube fitting over said bent upper ends of said supporting-rods, substantially as described.

4. A support for an incandescent gas-mantle, consisting of two upright supporting-rods, the lower ends of which are adapted to fit into vertical tubular supports attached to a burner-cap, and the upper ends of which are bent toward each other at right angles, and a horizontal rod made of refractory material, having at its center a U-shaped downward bend, into the tubular ends of which horizontal rod, the upper bent ends of said upright rods are adapted to be sprung, substantially as described.

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

MAX HERSKOVITZ.

Witnesses:

E. P. BLACKLEDGE,
H. H. BARNUM.