

(No Model.)

J. B DE LUNA.
Gas Burner Cleaner.

No. 241,197.

Patented May 10, 1881.

Fig. 1

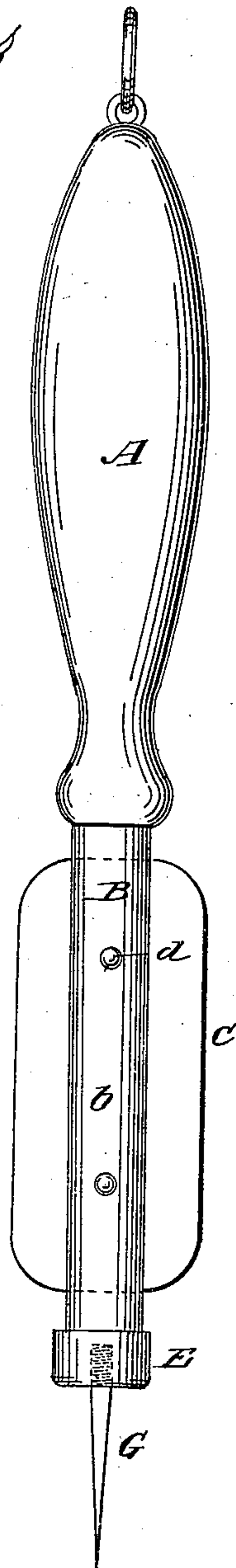
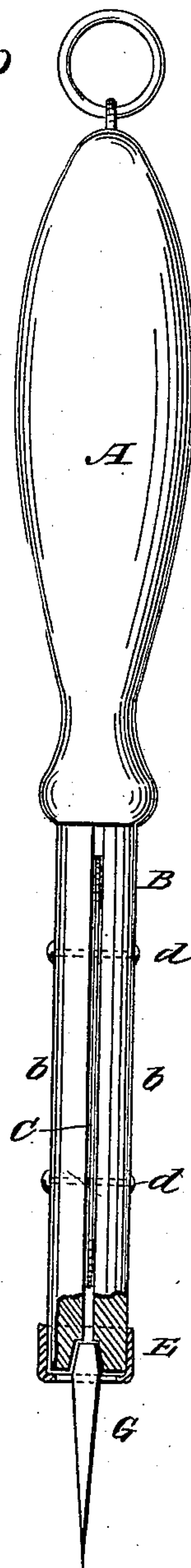


Fig. 2



WITNESSES:

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JUAN BELLIDO DE LUNA, OF NEW YORK, N. Y.

GAS-BURNER CLEANER.

SPECIFICATION forming part of Letters Patent No. 241,197, dated May 10, 1881.

Application filed March 24, 1881. (No model.)

To all whom it may concern:

Be it known that I, JUAN BELLIDO DE LUNA, of the city of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Gas-Burner Cleaners; and I do hereby declare that the following is a full, clear, and exact description of the invention, that will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to an instrument for cleaning the slits or apertures of gas-burners.

This invention consists in a novel construction, combination, and arrangement of a handle having a forked or slotted shank, a metal-plate forming a blade or blades, a spur or needle and fastening devices, as hereinafter more particularly described.

In the accompanying drawings, Figure 1 is a front view of an instrument embodying my improvements. Fig. 2 is a side view, partly in section, at right angles to Fig. 1.

A represents a handle, which may be made of wood or other suitable material and provided with a ring for suspending it when not in use. The lower end of the handle terminates in a shank, B, which is either provided with a slot extending nearly its entire length or is split longitudinally, so as to divide it into two branches, *b b*, which latter form is preferable.

C is a thin metal plate inserted in the slot or slit of the shank, and extending laterally therefrom, so as to form a blade on each side. It is secured in place by screws, pins, or bolts *d*, passing through it and through the branches *b*.

E is a ferrule attached to the lower end of the shank B, whether said shank be forked or only slotted. The ferrule may be screwed in place, or simply driven on in the usual manner.

G is a tapering needle or spur inserted in the lower end of the shank. The tang of the needle or spur may be threaded and screwed into place, or it may be held in position by the pressure of the ferrule on the ends of the fork, in which latter case the tang may be nicked, so as to cause it to hold securely.

In using this instrument the blade C is used for cleaning a fan or bat's-wing burner by passing it through the slit of the burner; and the needle or spur G is used for a fish-tail burner by cleaning the apertures in the tip.

What I claim, and desire to secure by Letters Patent, is—

1. As an improved article of manufacture, a gas-burner cleaner consisting of a handle, A, provided with a blade, C, and a spur or needle, G, whereby provision is made in one instrument for cleaning different kinds of burners, substantially as described.

2. The combination of a handle, A, slotted or forked shank B, blade C, screws, pins, or bolts *d*, and ferrule E, substantially as herein described.

In testimony that I claim the foregoing I have hereunto set my hand this 22d day of March, 1881.

JUAN BELLIDO DE LUNA.

Witnesses:

FRANCIS C. BOWEN,
EDGAR GARRETSON.