

(No Model.)

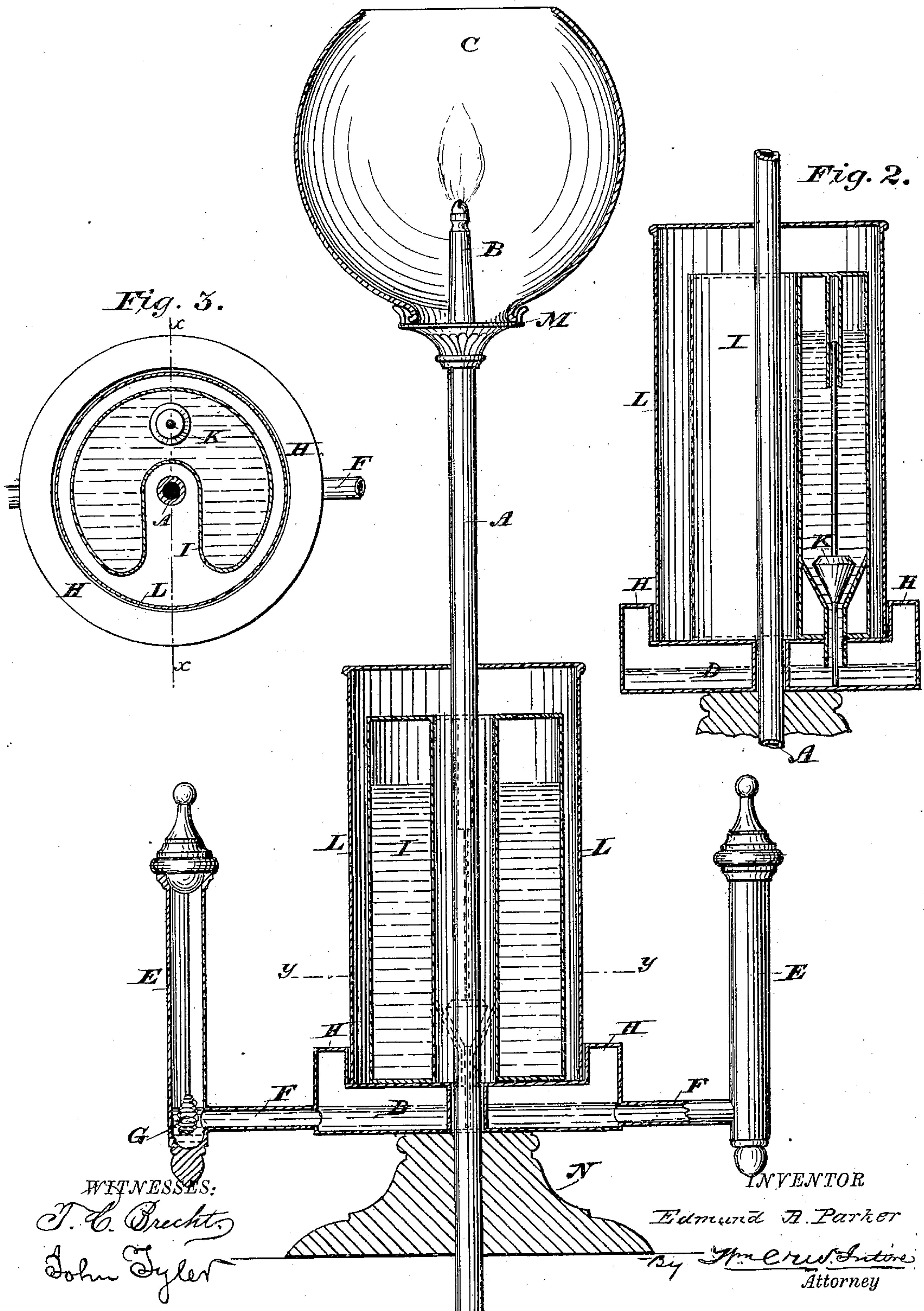
E. A. PARKER.

CIGAR LIGHTER.

No. 258,799.

Patented May 30, 1882.

Fig. 1.



UNITED STATES PATENT OFFICE.

EDMUND A. PARKER, OF MERIDEN, CONNECTICUT.

CIGAR-LIGHTER.

SPECIFICATION forming part of Letters Patent No. 258,799, dated May 30, 1882.

Application filed April 5, 1882. (No model.)

To all whom it may concern:

Be it known that I, EDMUND A. PARKER, a citizen of the United States, residing at Meriden, in the county of New Haven and State of Connecticut, have invented new and useful Improvements in Cigar-Lighters, of which the following is a specification.

My invention relates to certain new and useful improvements in cigar-lighters, and more particularly to that class of lighters shown and described in Letters Patent No. 251,933, granted to me on the 3d day of January, 1882. In the Letters Patent just referred to there is shown and described one or more torch-reservoirs connected or combined with a central reservoir, from which the torch-reservoirs are automatically supplied with alcohol.

My present invention has for its object to adapt the said cigar-lighter to stationary gas tubes or brackets, so that while the gas-tube is practically surrounded and concealed the reservoir may be readily removed for refilling and adjustment; and with these objects in view my invention consists in the special features of construction hereinafter described and specifically claimed.

In order that those skilled in the art may know how to make and use my improvement, I will proceed to describe the same, referring by letters to the accompanying drawings, in which—

Figure 1 is a central vertical section of one of my improved lighters applied to an ordinary vertical gas pipe and burner. Fig. 2 is a similar section taken at the line *x x* of Fig. 3, and Fig. 3 is a cross-section taken at the line *y y* of Fig. 1.

Similar letters indicate like parts in the several figures of the drawings.

A represents an ordinary vertical gas-pipe, such as are usually employed on the counters of cigar-stores. B is the burner, and C a globe or shade.

D is the body or base of my improved device, which is hollow, and having a central passage for the gas-pipe, and is provided with one or more torch-receivers, E. These communicate with the interior of the body D through connecting-tubes F, so that any alcohol supplied to the body D may readily find its level in the vertical body of the receivers E, the lower ends

of which dip slightly below the connections F, so as to form little wells for containing the alcohol, whereby a minimum supply of the same may be utilized for perfectly saturating the torch G. The body D, as will be clearly seen at Figs. 1 and 2, is "stepped" down at the center, so as to form an annular upwardly-projecting rim, H, within which the reservoir I is located, and held against accidental displacement.

The reservoir is made in substantially the form shown in cross-section at Fig. 3, or fluted or corrugated at one side, so that it may embrace or surround the central gas-pipe, A. The reservoir is provided with ordinary valve mechanism, K, for controlling the flow of alcohol to the body D and torch-receivers E. This valve mechanism is substantially the same as that described in my Letters Patent hereinbefore referred to.

The reservoir is filled in the same manner as the reservoirs of students' lamps are filled, and when in place to supply the wells at the bottoms of the torch-reservoirs delivers alcohol thereto whenever they are exhausted below the top line of the tubes F sufficiently to allow the ingress of air.

L is an ornamental shell or barrel, adapted to surround and conceal the reservoir I. It is open at the lower end, and preferably closed at its upper end or head, except a central orifice, through which the gas-pipe A passes. This shell is designed to have its lower end seated within the rim H of the body D, and to make a neat fit or joint therewith.

In originally adjusting the parts the body D and shell L are passed over the pipe A before the globe C and its support M are located, and, if desirable, an ornamental base-piece, N, may be first located under the body D; or the body D and base N may be made in one.

After the parts just described are arranged around the gas-pipe, and the globe and support put in place, the reservoir I is filled and placed in its seat within the rim H, which is accomplished by lifting the shell L upward sufficiently far to permit the introduction of the reservoir. The shell is then allowed to drop down to completely cover and conceal the reservoir.

The shell may be made of any pleasing de-

sign and of any suitable material, the depression in the center of the body D to produce the rim or wall H being of course made to conform to the shell.

5 I have shown my improved lighter applied to a stationary vertical counter gas-pipe; but it will be understood that I can readily apply the same with equal facility to wall-brackets, thus rendering them very tasty and unique,
10 without departing from the spirit of my invention.

The removable reservoir I may be used without the ornamental surrounding shell L, though I prefer to use the latter.

15 The advantages of a cigar-lighter with a reservoir and automatic feed are fully set forth in my Letters Patent hereinbefore referred to.

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

1. A fountain-reservoir cigar-lighter for gas- 20
fixtures, consisting of a body, D, provided with one or more torch-receivers, E, and reservoir-support H, in combination with a laterally-removable reservoir, I, having feed mechanism K,
25 substantially as and for the purpose set forth.

2. The body D, provided with supporting-rim H and one or more torch-receivers, E, in combination with the laterally-removable reservoir I and surrounding shell L, substantially
30 as and for the purpose set forth.

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

EDMUND A. PARKER.

Witnesses:

A. P. W. KINNAN,
E. B. CASTURN.