

127,508

PATENT



SPECIFICATION

Application Date, Dec. 16, 1918. No. 20,938/18.

Complete Left, Jan. 7, 1919.

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PROVISIONAL SPECIFICATION.

Improvements in Petrol Lighters.

I, HERBERT SHORROCKS, of 199, Brunswick Street, Chorlton-on-Medlock, Manchester, Artist, do hereby declare the nature of this invention to be as follows:—

This invention relates to petrol lighters of the type in which a match or
5 striker is carried within a chamber containing cotton wool or like absorbent material soaked in petrol, the light being produced by drawing the striker over a prepared surface on the exterior of the chamber whereby a spark is produced which ignites the petrol on the striker.

The object of my invention is to provide a simple and convenient arrange-
10 ment of parts for replenishing the petrol contained within the absorbent material when the latter has evaporated, without the necessity of obtaining a new supply of petrol in the lighter as at present usual.

My invention comprises the formation within the lighter of a petrol reserve
15 compartment with a control valve thereon permitting a supply of petrol to be passed into the absorbent material when required and when the valve is withdrawn permitting the refilling of the reserve compartment.

Dated this 14th day of December, 1918.

MARKS & CLERK.

COMPLETE SPECIFICATION.

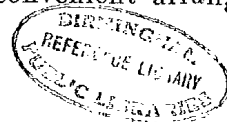
20 Improvements in Petrol Lighters.

I, HERBERT SHORROCKS, of 199, Brunswick Street, Chorlton-on-Medlock, Manchester, Artist, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates more particularly to petrol lighters of the type in
25 which a match or striker is carried within a chamber containing cotton wool or like absorbent material soaked in petrol or like inflammable liquid, the light being produced by drawing the striker over a prepared surface on the exterior of the chamber whereby a spark is produced which ignites the petrol
30 on the striker. The invention is however applicable to all types of petrol lighters in which an absorbent material or a wick for the petrol is employed.

The object of my invention is to provide a simple and convenient arrange-

[Price 6d.]



ment of parts for replenishing the petrol contained within the absorbent material when the latter has evaporated, without the necessity of obtaining a new supply of petrol in the lighter.

My invention comprises the formation within the lighter of a petrol reserve compartment with a control valve thereon permitting a supply of petrol to be passed into the absorbent material when required and when the valve is withdrawn permitting the refilling of the reserve compartment. 5

Referring to the accompanying sheet of explanatory drawings which illustrate a petrol lighter of the match type:—

Figure 1 is a plan view, Figure 2 a sectional elevation and Figure 3 a sectional plan view of a lighter constructed in accordance with my invention. 10

The outer casing A is divided into two compartments B, C, the former containing the absorbent material D and the latter the reserve of petrol. The striker or match is shown at G and screws into the top of the casing by the nut or knurled head E. F is the absorbent material on the striker which becomes saturated with petrol. H indicates the striking surface. 15

Petrol lighters have heretofore been proposed in which there is a petrol reserve compartment, but in accordance with my invention, I provide a passage I on the reserve compartment which extends adjacent the upper end of the casing A so that a single valve as J serves both for allowing of the charging of the reserve compartment with petrol and for the passage of the petrol from said compartment to the absorbent material. 20

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:— 25

1. In petrol lighters, the formation within the lighter of a petrol reserve compartment with a control valve thereon permitting a supply of petrol or like inflammable liquid to be passed into the absorbent material when required and when the valve is withdrawn, permitting of the refilling of the compartment, substantially as described. 30

2. Improved petrol lighters, as claimed in Claim 1, substantially as described and as illustrated.

Dated this 5th day of January, 1919.

MARKS & CLERK.

FIG 1.

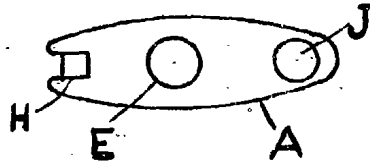


FIG 2.

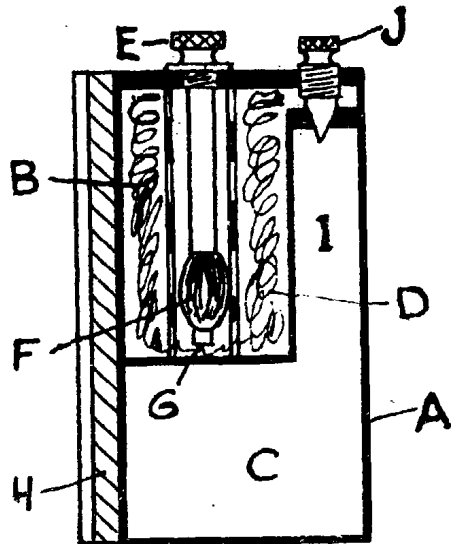
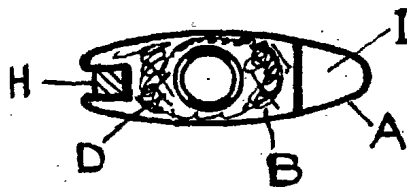


FIG 3.



[This Drawing is a full-size reproduction of the Original.]

