

VOID : SEALING FEE NOT PAID.

123,150

PATENT



SPECIFICATION

Application Date, Feb. 12, 1918. No. 2512/18.

Complete Left, Sept. 12, 1918.

Complete Accepted, Feb. 12, 1919.

PROVISIONAL SPECIFICATION.

Improvements in and relating to Gas and other Lighters.

I, JOHN ELDRED TAYLOR, of 296—302, High Holborn, in the County of London, Merchant, do hereby declare the nature of this invention to be as follows:—

This invention relates to lighters for household and other use and consists
5 of a receptacle adapted to contain absorbent material saturated with paraffin and other like hydro-carbons and has for its object to provide an efficient and economical means of taking a light from a fire, gas or other flame.

According to one construction I provide a glass, metal or other vessel having
10 a neck and adapted to stand on a foot or other base. The interior of this vessel is provided with absorbent cotton, wadding or the like saturated with paraffin and the neck is fitted with a stopper having a convenient handle and an inwardly extending stem which may be composed of wood, but preferably
of a non-combustible material such as wire, of sufficient length to extend into
the absorbent material contained by the vessel.

15 In use the stem is withdrawn from the vessel and carries with it a film of paraffin which is ignited when inserted into the flame and burns sufficiently long to light a gas or ignite other combustible material.

According to a modification the stem may consist of a perforated tube containing absorbent material such as cotton, wadding or the like.

20 Dated this 12th day of February, 1918.

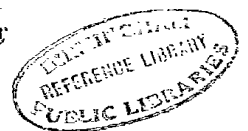
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25 COMPLETE SPECIFICATION.

Improvements in and relating to Gas and other Lighters.

I, JOHN ELDRED TAYLOR, of 296—302, High Holborn, in the County of London, Merchant, do hereby declare the nature of this invention and in what
30 manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to means for carrying a flame from a fire, gas or other
[Price 6d.]



existing source for lighting purposes (in the manner heretofore served by a spill) for household and other use and has for its object to save the waste of matches and to provide an efficient, simple and economical means of serving this purpose.

According to the present invention I provide a glass, metal or other vessel having a neck and adapted to stand on a foot or other base. The interior of this vessel is provided with absorbent cotton, wadding or the like saturated with paraffin and the neck is fitted with a stopper having a convenient handle and an inwardly extending stem which may be composed of wood, but preferably of a non-combustible material such as wire, of sufficient length to extend into the absorbent material contained by the vessel.

In use the stem is withdrawn from the vessel and carries with it a film of paraffin which is ignited when inserted into the flame and burns sufficiently long to light a gas, cigar or the like.

According to a preferred construction the stem may consist of a perforated tube containing absorbent material such as cotton, wadding, or the like.

I am aware that it has heretofore been proposed to provide lamp lighter's torches and cigar lighters with a spirit reservoir and a holder carrying absorbent non-combustible material immersed in said spirit, in combination with a constantly burning lamp or a pyrophoric or other ignition device, adapted for use in places where a flame is not already available. And I am also aware that devices for lighting fires have been proposed in which a gauze receptacle containing absorbent non-combustible material was saturated with sufficient paraffin to start the fire but this necessitated the use of a substantial amount of oil and of a match to start it whereas the object of the present invention is to carry a pre-existing light from one place to another and so save the expenditure of ignition material every time a light is needed.

I will now proceed to more particularly describe my invention with the aid of the accompanying drawings of which:—

Fig. 1 is a vertical section through the improved lighter and

Fig. 2 is a modified detail hereinafter referred to.

According to the construction shown in Fig. 1, a receptacle *a* is provided having a base *b* and neck *c* adapted to receive a stopper *d* provided with a handle *e* and an inwardly extending stem *f*. The receptacle *a* is provided with absorbent cotton, wadding or other suitable material saturated with paraffin or other like hydro-carbon. To facilitate the introduction of the absorbent material the upper part *g* of the receptacle *a* may in some cases be made removable. The stem *f* consists of a perforated tube filled with an absorbent material.

According to the modification shown in Fig. 2 the said stem *f* is composed of wood or other suitable material adapted to carry a film of paraffin from the receptacle *a* when it is withdrawn therefrom.

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:—

1. An improved lighter comprising a receptacle adapted to contain absorbent material saturated with paraffin or other liquid hydro-carbon and having a neck fitted with a stopper provided with an external handle and an inwardly extending stem adapted to carry a small quantity of such inflammable liquid when withdrawn from said receptacle so as to enable a light to be taken from a fire, gas or other flame after the manner of a spill; substantially as described in the specification.

2. A modified form of lighter according to Claim 1 characterised by a stopper provided with an inwardly extending stem consisting of a perforated tube containing absorbent material, substantially as described in the specification.

3. The combination and arrangement of parts constituting an improved

lighter substantially as described in the specification and shown in the drawings.

Dated this 12th day of September, 1918.

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Redhill: Printed for His Majesty's Stationery Office, by Love & Malcomson, Ltd.—1919.

[This Drawing is a reproduction of the Original on a reduced scale.]

