

# PATENT SPECIFICATION

338,693

Application Date: Oct. 24, 1929. No. 32,354/29.

Complete Left: April 3, 1930.

Complete Accepted: Nov. 27, 1930.

## PROVISIONAL SPECIFICATION.



### Improvements in or relating to Pyrophoric Ignitors or Lighters.

I, LOUIS ORLIK, British Subject, of 14, Carthusian Street, London, E.C. 1., do hereby declare the nature of this invention to be as follows:—

5 This invention relates to pyrophoric ignitors or lighters.

In lighters hitherto constructed, the wick has extended into a container, and difficulty has been experienced in lifting  
10 the wick when it becomes charred or burnt.

According to this invention, I provide

a perforated tube which extends through the container, with means for closing the end at or near the base of the container. 15  
When it is desired to lift the wick, the plug or stop at the end of the tube is removed, and the wick pushed up by a pin or match stick or other convenient implement. The plug is then replaced. 20

Dated this 24th day of October, 1929.

MEWBURN ELLIS & Co.,  
70 & 72, Chancery Lane, W.C. 2.,  
Chartered Patent Agents.

## COMPLETE SPECIFICATION.

### Improvements in, or relating to, Pyrophoric Ignitors or Lighters.

I, LOUIS ORLIK, of 14, Carthusian Street, London, E.C. 1., a British Subject, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly  
25 described and ascertained in and by the following statement:—

This invention relates to pyrophoric ignitors or lighters.

30 It is well known in these lighters to encase the wick in a perforated tube, but difficulty has been experienced in pulling up the wick after the end has been charred or burnt. The object of this invention is to provide means whereby a wick can be  
35 easily adjusted.

The invention comprises the provision of a perforated tube to contain the wick which extends from the bottom of the fuel  
40 container to just above the top. At the top it is so placed that the wick is at such a level that the sparks from the flint will light the vapour from the wick. The bottom of the tube is closed with a removable  
45 plug or screw to prevent a leakage of petrol or other liquid used in the lighter.

A form of lighter made in accordance with this invention is shown partly in  
50 section in the accompanying drawing. The lighter is of known type having a wheel *a* which throws sparks from the flint on to the wick *b*. The perforated tube *d* accord-

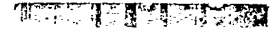
ing to this invention extends from the bottom of the lighter through the body of the lighter *c*, which contains the inflammable liquid, to just above the top. The liquid passes through the perforations of the tube and is soaked up by the wick contained in the tube to the top where it can be lighted by the sparks from the flint. In this case, though not necessarily,  
60 the lower end of the tube is screw threaded at *f* so that the plug *e* can be screwed in to close the end of the tube. Any other means of holding the plug in is covered by this invention. 65

Should the wick burn low in the tube the plug can be removed and the wick pushed up from the bottom with a pin, match, stick or the like. 70

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:— 75

1. A pyrophoric ignitor in which the wick is encased in a perforated tube characterised by the fact that access can be obtained to the wick through the lower end of the tube which end is closed by a screw or plug. 80

2. A pyrophoric ignitor substantially as described above with reference to the accompanying drawings. 85



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Dated this 28th day of March, 1930.

MEWBURN ELLIS & Co.,  
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W.C. 2.,  
Chartered Patent Agents.

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

