

NOTE.—The application for a Patent has become void.

This print shows the Specification as it became open to public inspection under Section 91 (3) (a) of the Acts.

PATENT SPECIFICATION



Convention Date (France): April 6, 1928.

309,173

Application Date (in United Kingdom): March 27, 1929. No. 9857/29.

Complete not Accepted.

COMPLETE SPECIFICATION.

Improvements in or relating to Pyrophoric Lighters.

We, UNION FINANCIERE COMMERCIALE & INDUSTRIELLE, a company organised under French laws, of 136, Avenue de Wagram, Paris (17e) (Seine), France, Assignees of HUGUETTE GARNIER, of 6, Rue de Chevreuse, Orsay, (Seine-et-Oise), France, 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:—

The present invention has for its object to apply to pyrophoric lighters which are lit by a spark caused automatically, a novel arrangement permitting the inflammable spirit to be dispensed with and replaced by a woven wick having as a base a fatty body surrounded by absorbent cotton wool with a base of collodion nitrate, potassium chlorate or alcohol.

The lighting is effected by a spirit wick.

A form of device according to the invention is illustrated in the accompanying drawing by way of example. In the drawing,

Figure 1 is a longitudinal section,

Figure 2 is a vertical section, and

Figure 3 is a view in the direction of the arrow X.

The lighter is composed of a body 1 on which is fixed a hinged cover 2. On the cover and the body are fixed two pins 3 and 4 permitting the mounting and rotation of a disc 5 around which is wound the wick 6. Two openings 7 and 8 permit the milled edges of the disc to extend outside the body, thus facilitating the lifting of the wick by hand-actuation.

The construction of the sparking element and the production of the spark are the same as in an ordinary pyrophoric lighter.

On the lid 9 is fixed a spike 10 permitting the separating out of the wick, thus facilitating the instantaneous lighting.

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

1. A pyrophoric lighter comprising a ferro-cerium or like device for the production of sparks adapted to ignite a combustible wick, characterised by the fact that the combustible wick comprises an easily inflammable coating, communicating to the body of the wick itself the spark received from the ignition device, and that the extinguishing cap of the wick comprises a spike which in the normal position penetrates the projecting part of this wick so as to ensure its subdivision for the purpose of facilitating its ignition.

2. A pyrophoric lighter according to claim 1, characterised by the fact that the wick comprises a woven body impregnated with a suitable fatty body surrounded by a coating of absorbent cotton wool with a base of collodion, of nitrate, of potassium chlorate or of alcohol.

3. A pyrophoric lighter, constructed substantially as hereinbefore described with reference to the accompanying drawing.

Dated this 27th day of March, 1929.

(Signed) HASELTINE, LAKE & Co.,
28, Southampton Buildings, London,
England, and
19—25, West 44th Street, New York,
U.S.A.,
Agents for the Applicants.

Fig.1

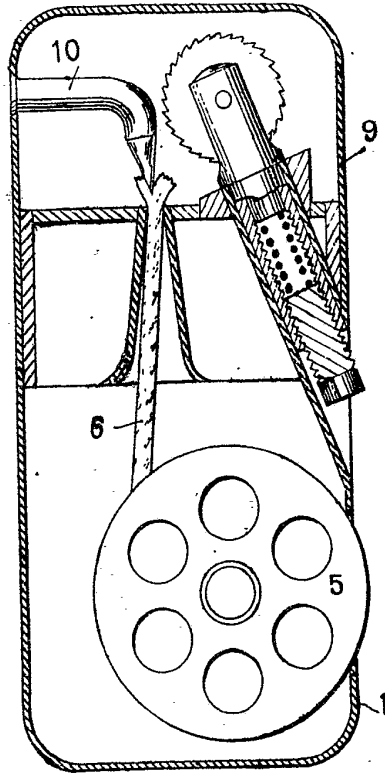


Fig.2

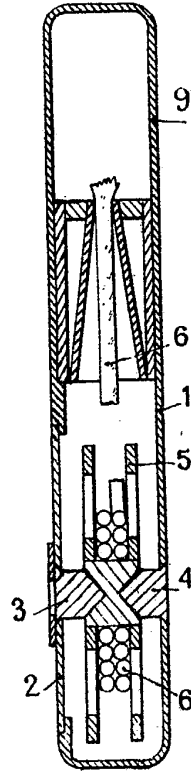


Fig.3

