

PATENT SPECIFICATION

275,835

Application Date: Nov. 11, 1926. No. 28,425/26.

Complete Left: March 30, 1927.

Complete Accepted: Aug. 18, 1927.



PROVISIONAL SPECIFICATION.

Improved Device for Filling Mechanical Flint Lighters and the like.

We, ALFRED DUNHILL LIMITED, a British company, of 137-143, High Street, Notting Hill Gate, London, W. 11, and VERNON DUNHILL, a British subject, of the same address, do hereby declare the nature of this invention to be as follows:—

This invention relates to an improved device for filling mechanical flint lighters and the like, of the kind wherein a reservoir containing a wick soaked in an inflammable substance such as petrol or benzene, is employed. Such lighters are usually provided with a reservoir having a filling opening closed by a screwed plug.

According to the invention for use in filling reservoirs of lighters of the above described type, a container for the supply of petrol or the like is provided having means for connecting it to the reservoir of the lighter so that the reservoir may be filled by a simple tilting or inversion of the two articles.

This connecting means may be in the form of a filling nozzle which is threaded and tapered and secured to the container. Such a nozzle can be screwed into the filling opening in the reservoir of the lighter, so that the two articles can be

tilted or inverted to allow the contents of the container to flow to the wick in the reservoir. It will be understood that the capillary action of the wick will cause the flow of the liquid to continue from the container to the reservoir.

After the wick has become saturated, the lighter may be detached from the container and the filling nozzle in the latter closed by a suitable cap or plug.

The container is preferably in the form of a metal case having a single opening therein on which the filling nozzle is mounted. The nozzle may be detachably secured thereto and if desired, a second or filling opening may be provided in the container and closed by a screw or other cap or plug.

By using a device constructed according to the invention, lighters may be easily and cleanly filled without the danger of spilling any of the petrol or the like.

Dated the 10th day of November, 1926.

ABEL & IMRAY,
30, Southampton Buildings, London, W.C. 2,
Agents for the Applicants.

COMPLETE SPECIFICATION.

Improved Device for Filling Mechanical Flint Lighters and the like.

We, ALFRED DUNHILL LIMITED, a British company, of 137-143, High Street, Notting Hill Gate, London, W. 11, and VERNON DUNHILL, a British subject, of the same address, do hereby declare the nature of this invention and

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in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to an improved device for filling mechanical flint and

- like lighters, of the kind wherein a reservoir containing a wick soaked in an inflammable substance such as petrol or benzene, is employed. Such lighters are usually provided with a reservoir or wick case having a filling opening closed by a screwed plug and in the Specification of Letters Patent No. 128,886 it has been proposed to provide a fuel container for replenishing such lighters comprising a container having a single opening fitted with a screwed nozzle normally closed by a screw cap. To replenish the lighter, the filling opening is uncovered and the nozzle of the container is screwed therein attaching the two articles together, thus enabling the lighter to be used as a candle until the container is empty.
- According to the present invention a fuel container for replenishing a lighter of the kind referred to is provided with a tapered screw threaded nozzle, which enables the container to be screwed into screwed filling openings of various diameters. Further the container may be fitted with a second or filling opening normally closed by a screw or other cap or plug.
- In use, the container nozzle is screwed into the filling opening of the lighter and the two articles are tilted or inverted, to allow the fuel to flow to the wick of the reservoir.
- After the wick has become saturated, the lighter may be detached from the container and the filling nozzle in the latter closed by a suitable cap or plug.
- To enable the invention to be fully understood it will now be described by reference to the accompanying drawings in which:—
- Fig. 1 is a part sectional elevation of a device constructed according to one form of the invention, and
- Fig. 2 is a view drawn to a smaller scale shewing a flint lighter or the like in the filling position on the device.
- As shewn, the device comprises a closed container 3, preferably of metal, having a single opening therein on which the filling nozzle 4 is mounted.
- The nozzle 4 is externally threaded and tapered and is closed when not in use by a screwed cap 5. Instead of the cap, any other suitable plug may be used. The device is used to fill a lighter 6 as shewn in Fig. 2, that is to say, the cap 5 is removed and the nozzle 4 is inserted into the screwed filling opening in the lighter preferably into contact with the wick in the reservoir thereof and the two articles are tilted or inverted.
- After the wick has become saturated the lighter is detached and the filling nozzle 4 closed by the cap 5.
- The nozzle 4 may be detachably secured to the container if desired, and a second or filling opening may be provided in the container and closed by a screw or other cap or plug.
- By using a device constructed according to the invention, lighters may be easily and cleanly filled without the danger of spilling any of the petrol or the like and moreover, a convenient air-tight container is also provided for the petrol or the like.
- 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 fuel container for filling mechanical flint and like lighters of the kind referred to having a tapered screw-threaded filling nozzle with or without a second or filling opening normally closed by a screw or other cap or plug.
 2. Fuel containers for filling mechanical flint and like lighters, substantially as hereinbefore described, with reference to the accompanying drawings.
- Dated the 30th day of March, 1927.
- ABEL & IMRAY,
30, Southampton Buildings, London,
W.C. 2,
Agents for the Applicants.

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

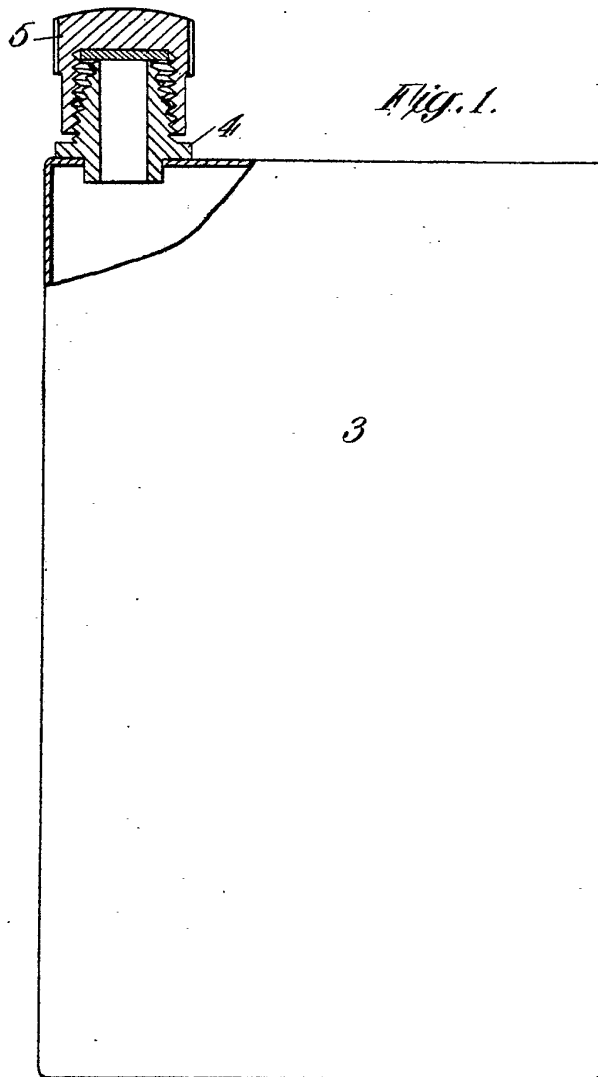


Fig. 1.

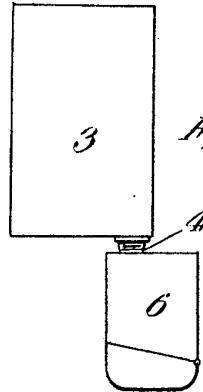


Fig. 2.