

Dec. 30, 1930.

F. W. STEIN
CLEANING IMPLEMENT
Filed May 9, 1929

1,786,723

Fig 1

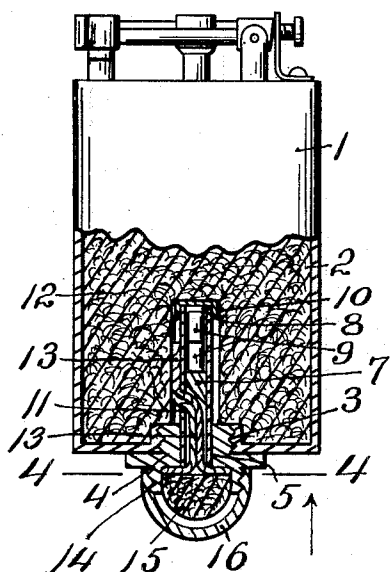


Fig 2

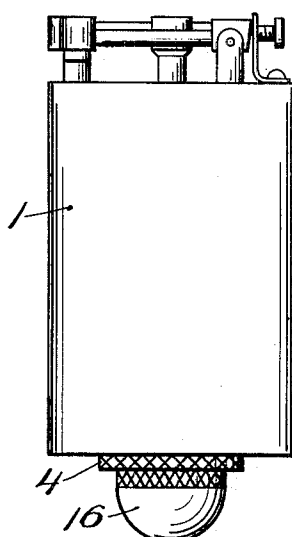


Fig 3

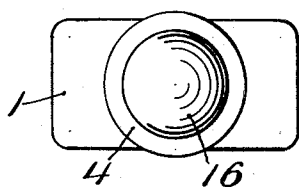


Fig 5

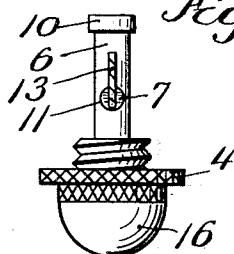
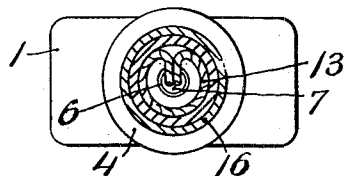


Fig 4



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CLEANING IMPLEMENT

Application filed May 9, 1929. Serial No. 361,622.

My invention relates to improvements in cleaning implements.

One of the objects of my invention is to provide a novel attachment for a cigar lighter, by means of which the liquid fuel therein may be utilized for the purpose of moistening an absorbent rubbing member that may be used for cleaning surfaces.

A further object of my invention is to provide a novel attachment of the kind described which, in addition to its use as a cleaning implement, may be utilized for the storing of spare striking flints, such as are employed for ignition purposes in certain types of cigar or cigarette lighters.

Still another object of my invention is the provision of a novel cleaning implement, which is simple, cheap, durable, not likely to get out of order, which is of compact form, easy to carry and operate, and which is efficient in its operation.

The novel features of my invention are hereinafter fully described and claimed.

In the accompanying drawing which illustrates the preferred embodiment of my invention,

Fig. 1 is a side view, partly in vertical section and partly in elevation of a cigar lighter provided with my improvement.

Fig. 2 is a side elevation of the same.

Fig. 3 is a bottom view of the same.

Fig. 4 is a section on the line 4—4 of Fig. 1.

Fig. 5 is a side elevation of the closure of the filling opening.

Similar reference characters designate similar parts in the different views.

1 designates the body of the cigar lighter of the type provided with a striker and flint arranged to produce a spark for lighting the usual wick.

The body 1 is provided with a compartment 2 filled with absorbent material, such as cotton. The bottom end of the body 1 has the usual threaded filling opening 3 communicating with the compartment 2.

For closing the filling opening 3, I provide a novel closure comprising a body 4 externally threaded and fitted to the opening 3. Said body 4 has a central vertical hole 5 therethrough in which is fitted an extension

of the closure consisting of a vertical tube 6 which extends into the compartment 2, and which has mounted in it, spaced from the upper end of the tube a plug 7, above which is provided a recess 8 adapted to receive therein one or more spare striking flints 9. The upper end of the tube 6 has removably fitted on it a cap 10.

The tube 6 intermediate of the plug 7 and the body 4 is provided with a lateral passage 11 which communicates with the compartment 2, and which has extending through it into the compartment 2, and in contact with the cotton 12 therein, absorbent means, which may be a cotton wick 13, which extends outwardly through the tube 6 into a recess 14 provided in the outer end of the body 4.

In the recess 14 is mounted an absorbent rubbing member 15, which may be of any suitable material, such as felt, and which at its inner end bears against the wick 13. The outer end of the body 4 is externally threaded and has removably fitted on it a cover comprising a screw cap 16.

In operation, the closure body 4 is unscrewed and removed from the body 1, and, the body 1 being inverted, fuel liquid, commonly used in cigar lighters and which may be alcohol, naphtha, gasoline or other volatile fuel liquid is poured through the filling opening 3, so as to saturate more or less the cotton filling 12. The body 4 is then screwed tightly into the filling opening 3.

Fuel liquid from the cotton filling 12 will be absorbed therefrom by the wick 13 and will be conveyed thereby to and into the absorbent rubbing member 15 which projects outwardly beyond the body 4.

When it is desired to use the device for cleaning, the screw cap 16 is removed, thus exposing the rubbing member 15, which can then be used for cleaning cloth garments or surfaces of other articles, which it may be desired to clean.

When the cleaning operation has been completed, the screw cap 16 is replaced.

If it is desired to extract one of the spare flints 9, the body 4 is removed from the body 1 and the cap 10 is removed from the tube 6. After the flint has been removed from the

recess 8, the cap 10 is replaced on the tube 6, and the body 4 again reinserted in the filling opening 3.

If it is desired to use the improved cleaning implement for other purposes than cleaning, as for moistening surfaces, such as the gummed surfaces of envelopes, stamps, etc., not requiring the employment of a highly volatile liquid, the liquid fuel may be displaced with water, in which case, of course, the implement would not be serviceable as a cigar lighter, and the lighting elements at the upper end of the body 1 could be dispensed with.

I do not limit my invention to the particular structure shown and described, nor to the particular uses specified, as many modifications, within the scope of the appended claim, may be made without departing from the spirit of my invention.

What I claim is:—

In a cleaning implement having a compartment adapted to hold a cleaning liquid and having a filling opening, a removable closure for said opening having an extension extending into said compartment, said extension having in its inner end a recess, and a removable cap on its inner end, said extension having between said recess and its outer end a passage communicating with said compartment and extending to the outer end of said closure, a wick extending through said passage into said compartment, and a rubbing member of absorbent material carried by and extending outwardly beyond said closure and contacting with said wick.

In testimony whereof I have signed my name to this specification.

FREDERICK W. STEIN.

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