

Cigarette Lighter Redesign

Current Design



Shortcomings:

In countries with very cold weather, using the lighter is a difficult because when our fingers are numb with cold, they become very rigid, they are more likely to get cut when used with the sharp grooves of the lighter.

Also, using the lighter with gloves is sometimes more difficult and there is a fear of burning the gloves

Using the lighter when there is a wind blowing is very difficult and often frustrating.

New Design

The new design consists of a discrete sliding switch which will turn on and turn off the flame when slid up and down.

This switch is placed on the side, away from the flame. However, due to safety reasons, the switch is embedded a little into the lighter so that it doesn't accidentally turn on in pockets etc.

The lighter also has a lid which can clipped at the back when not required. the lid has a hole to allow a cigarette to be lit during windy conditions. It also has 3 smaller holes which allow oxygen to enter the lid so the flame doesn't go out, but doesn't allow the wind in.

