

PATENT SPECIFICATION



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PROVISIONAL SPECIFICATION.

Improvements Connected with Wick Trimmers for Central Draught Oil Burners.

I, SYDNEY HARRY SHERWOOD, British subject, Director of a Limited Company, of 50, Granville Street, Birmingham, do hereby declare the nature of this invention to be as follows:—

The invention provides the hereinafter described improvements connected with wick trimmers for central draught oil burners, particularly using incandescent mantles.

In a mantle burner of the kind referred to the central draught tube is fitted at its upper end with a detachable perforated cap controlling the central air supply, and a wick trimmer has been constructed to fit into this tube when the cap has been removed and to be revolved about the upper end of the wick for scraping said upper end cleanly and truly of charred matter.

Said wick trimmer is in the form of a cylindrical cap carrying at about its middle an annular flange which is substantially horizontally directed from the exterior of the cap. This flange is cross-sectionally arch shaped, and the metal of it is cut-way at points to provide gaps radiating from the centre of the cap and providing at each edge of a gap a scraping edge operating against the top and the immediate adjacent sides of the wick. The lower end of the cap fits nicely within the central air tube, and the flange fits over the top of the wick.

To trim the wick the cap is revolved by hand in one or the other direction, or both.

The invention provides a wick trimmer cap, aforesaid, or one substantially of such construction and operation to also constitute a cap to the filling opening of the oil vessel when the cap is not required for wick trimming, so that the cap has two functions, the one to form a cap to the filling opening of the oil vessel, and the other a wick trimmer.

Various devices may be provided for detachably attaching the cap over or to the filling opening, but particularly the lower end of the cap is internally screw-threaded to screw onto an upwardly projecting tube end constituting the fixed filling opening. The cap closes down on this tube to a shoulder, or stop, with a liquid-tight joint.

The devices for detachably attaching the combined cap to the filling opening are such that the exterior surface of the lower end of this cylindrical cap is left substantially plain to revolvably fit within the central draught tube of the burner when the central perforated tube cap, aforesaid, has been removed.

The screw-threaded socket at the lower end of the trimmer cap may be adapted to receive a leather washer for a liquid tight joint.

Dated this 13th day of August, 1924.

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COMPLETE SPECIFICATION.

Improvements Connected with Wick Trimmers for Central Draught Oil Burners.

I, SYDNEY HARRY SHERWOOD, British subject, Director of a Limited Company,
[Price 1/-]

of 50, Granville Street, Birmingham, do hereby declare the nature of this inven-