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54 **Switch operating device and table lamp incorporating such device.**

57 A table lamp incorporates a switch (64) operating device consisting of two members (4, 30), one member (1) being located in the base (1) of the lamp and the other in the stem (11). The stem (11) is mounted in the base (1) for rotational movement between first and second positions representing "on" "off" positions of the lamp switch. The member (4) located in the base (1) includes a horizontal annular portion (60) from which projects two upwardly directed triangular shaped cam surfaces (61, 62) positioned at either end of a diameter of the annulus. One end of a spring loaded plunger (65) projects through the annular portion (60) between the cam surfaces (61, 62) and the other end acts, when depressed, to close the contacts in a micro-switch (64) located in the base (1). The other member (30) located in the stem (11), includes a surface adjacent and parallel to the annular portion from which depend two spring loaded plungers (35, 36) spaced apart to co-operate with the cam surfaces (61, 62) such that rotation of the stem (11) with respect to the base (1) causes movement of the plungers (35, 36) over the cams (61, 62) from one side to the other i.e. between the first and second positions. A stop means (54, 70) is provided to restrict the degree of rotational movement. A third plunger

(50) depends from the surface of the second member (30) and is positioned such that when the members are in the first position it acts to depress the plunger (65) in the first member (4) so that the switch (64) is "on", and when the members are in the second position it is out of contact with said plunger so that the switch (64) is "off".

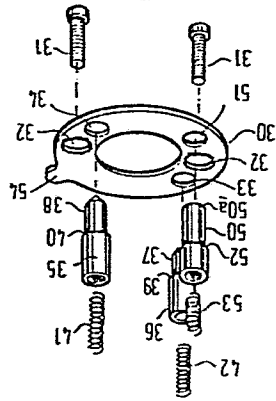
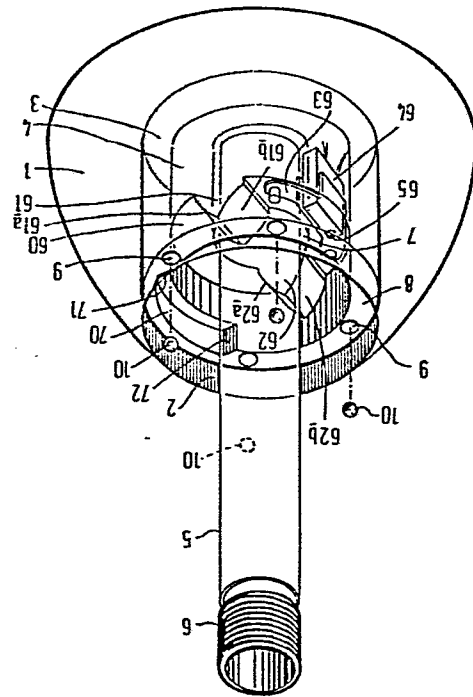


FIG. 2



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. <sup>3</sup> )
Y	US-A-3 193 653 (F.C. COPE)  * Column 1, line 54 - column 2, line 69 *	1,2,4- 7	H 01 H 21/30 H 01 H 21/10 F 21 V 23/04
Y	US-A-3 956 606 (R.C. REITER)  * Column 3, lines 62-68; column 4, lines 43-50; column 5, lines 19-41 *	1,2,4- 7	
A	US-A-2 790 041 (E. HANSSLER) * Column 1, line 67 - column 2, line 48 *	1,8	
A	GB-A- 653 545 (NEW DAY)  * Page 2, lines 72-114 *	1,2,4- 7	TECHNICAL FIELDS SEARCHED (Int. Cl. <sup>3</sup> )
A	FR-A- 687 897 (O. HENDLER) * Page 2, lines 69-88 *	1,8	H 01 H 21/00 H 01 H 19/00 F 21 V 23/04
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 05-09-1985	Examiner LIBBERECHT L. A.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>			