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(54) **Work light**

(57) An LED work light has multichip LEDs and dif-fusing dome. Each LED may have separate electrical terminals for each chip. The LED work light may have convex lenses forward of each LED. Convex lenses may be hemispherical. Convex lenses may have a nonhem-ispheric curved surface whose cross section has at least one circular arc and no non.circular arcs. The LED work light has a battery or receives power from an external power source. The LED work light may have a transpar-ent plastic tube as a structural member. A replaceable plastic cover may be added to protect any structural tube or other major transparent part of the LED work light from abrasio-n. The plastic cover may be tubular. The plastic cover may comprise laminations of plastic that can be removed individually after being abraded. Any external power source may be a wall transformer type and may have current limiting means. The LEDs may be attached t the rear surface of an LED PCB that is fastened to a heatsink in a manner achieving thermal contact between the rear surfaces of the LEDs and the heatsink. A position sensing switch may be used.

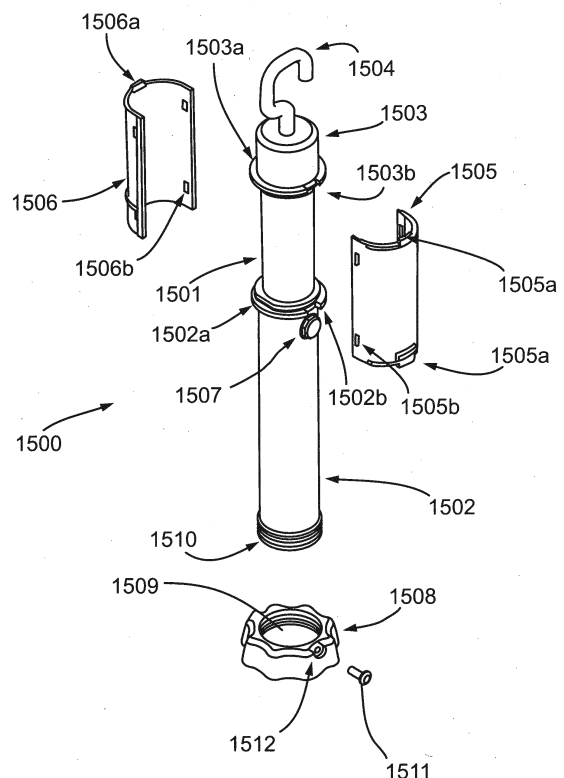


FIG. 15



EUROPEAN SEARCH REPORT

 Application Number
EP 14 17 5384

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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A	US 5 463 280 A (JOHNSON JAMES C [US]) 31 October 1995 (1995-10-31) * column 3, line 55 - column 8, line 14; figures 1-8 *	1-9	
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC) F21L F21K F21V G02B
Place of search The Hague		Date of completion of the search 18 December 2014	Examiner Kamara, Amadou
CATEGORY OF CITED DOCUMENTS 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		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 & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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