# (11) EP 2 180 237 A3

(12)

## **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: 02.05.2012 Bulletin 2012/18

(43) Date of publication A2: **28.04.2010 Bulletin 2010/17** 

(21) Application number: 09250047.9

(22) Date of filing: 08.01.2009

(51) Int Cl.: F21L 4/02<sup>(2006.01)</sup> H05B 37/02<sup>(2006.01)</sup>

**F21V 23/04** (2006.01) F21Y 101/02 (2006.01)

(84) Designated Contracting States:

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

**Designated Extension States:** 

**AL BA RS** 

(30) Priority: 27.10.2008 US 258556

(71) Applicant: Emissive Energy Corporation North Kingstown RI 02852 (US) (72) Inventors:

 Galli, Robert North Kingstown, Rhode Island 02852 (US)

 O'Brien, Christopher Wakefield, Rhode Island 02879 (US)

 Calvino, Alexander Cranston, Rhode Island 02910 (US)

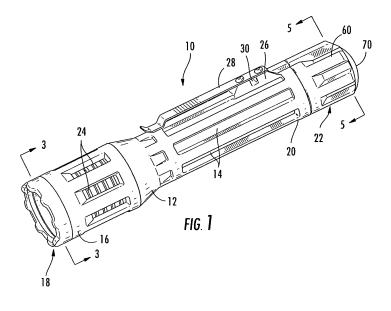
(74) Representative: Wilson Gunn Blackfriars House The Parsonage 5th Floor

Manchester M3 2JA (GB)

#### (54) Method of operating a multi-function flashlight

(57) A multi-function flashlight (10) device is provided in either an all white light emitting diode (LED) or a colored LED version that allows versatile functionality. The flashlight is fashioned to have an outer housing (12) that includes both an integrated means (14) for interfacing the flashlight with a firearm and a surface thereon that serves as a handgrip. The outer housing (12) of the flashlight is configured to be engaged by a clamping assembly that

facilitates integration of the flashlight with standard firearm accessory rail assemblies. The flashlight head includes a high-output white LED (32) positioned centrally within an optical element such as a reflector. Should the flashlight be a colored light, four other positions are provided around the periphery of the lens that contain colored LEDs (38). The flashlight provides the user the ability to selectively and individually control the mode of operation for all of the LEDs contained therein.





## **EUROPEAN SEARCH REPORT**

**Application Number** EP 09 25 0047

Category	Citation of document with indication	on, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2005/122712 A1 (KIM 9 June 2005 (2005-06-09 * abstract * * paragraph [0044] - pafigure 6 * * paragraph [0064] * * paragraph [0065] *	)	1-13	INV. F21L4/02 F21V23/04 H05B37/02 ADD. F21Y101/02
X	WO 2007/042752 A1 (NOBL NOBLE FERGUS MCPHERSON 19 April 2007 (2007-04- * page 10, paragraph 3; * page 6 - last paragra	[GB]) 19) claim 1 *	1-13	TECHNICAL FIELDS SEARCHED (IPC)
	The present search report has been d	•		
	Place of search  The Hague	Date of completion of the search  27 March 2012	Hull	ne, Serge
X : part Y : part docu A : tech	ATEGORY OF CITED DOCUMENTS  icularly relevant if taken alone icularly relevant if combined with another ument of the same category inological background -written disclosure	T : theory or principle E : earlier patent doc after the filing dat D : document cited in L : document cited for	e underlying the is sument, but publise n the application or other reasons	nvention shed on, or

### ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 09 25 0047

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

27-03-2012

Patent document cited in search report	Publication date	Patent family member(s)	Publication date					
US 2005122712 A1	09-06-2005	NONE						
WO 2007042752 A1	19-04-2007	EP 1943587 A1 US 2008272714 A1 WO 2007042752 A1	16-07-2008 06-11-2008 19-04-2007					
ORM P0459								
□ For more details about this annex : see C	For more details about this annex : see Official Journal of the European Patent Office, No. 12/82							