



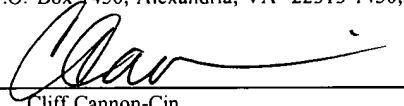
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Simon Nicholas Richmond
Serial No.: 10/789,488
Filed: 02/26/2004
Entitled: A Solar Powered Light Assembly To Produce Light Of Varying Colours

Group No.:
Examiner:

RESPONSE TO NOTICE TO FILE MISSING PARTS

MS Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

<p align="center">CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)</p> <p>I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 19, 2004.</p> <p align="right">By:  Cliff Cannon-Cin</p>

Sir or Madam:

In response to the Notice to File Missing Parts of Application -- Filing Date Granted (Form PTO-1533) mailed **19 May 2004** (a copy of which is enclosed), applicant submits the following documents:

- ▶ Executed combined Declaration and Power of Attorney
- ▶ 7 Sheets of Formal Drawings
- ▶ Certified copy of Australian Application No. 2003271383, filed 23 December 2003.

A check in the amount of **\$130.00** is enclosed herewith to cover:

\$130.00 surcharge for filing missing parts of an application

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. **08-1290**. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

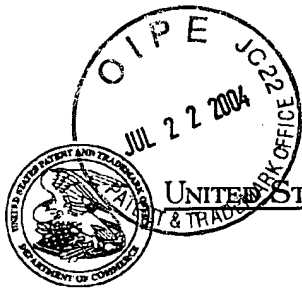
Dated: July 19, 2004



Christine A. Lekutis
Registration No. 51,934

MEDLEN & CARROLL, LLP
101 Howard Street, Suite 350
San Francisco, California 94105
415/904-6500

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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/789,488	02/26/2004	Simon Nicholas Richmond	SPRUSON-08795

CONFIRMATION NO. 7998

FORMALITIES LETTER



OC000000012708645

Christine A. Lekutis
 MEDLEN & CARROLL, LLP
 Suite 350
 101 Howard Street
 San Francisco, CA 94105

Date Mailed: 05/19/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

07/23/2004 GWORDDF1 00000002 10140145
 Adjustment date: 07/26/2004 GWORDDF2
 07/23/2004 GWORDDF1 00000002 10140145 00 OP
 01 FC:1051 -130.00 OP

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- o The oath or declaration is unsigned.
- o To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- o Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - The drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper, which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e)). See Figure(s) 10.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$130** for a Large Entity

- o **\$130** Late oath or declaration Surcharge.

07/26/2004 GWORDDF1 00000001 10789488

01 FC:1051

130.00 OP

Replies should be mailed to: Mail Stop Missing Parts
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*A copy of this notice **MUST** be returned with the reply.*

RASANTOL

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Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As the below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name. I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **A Solar Powered Light Assembly To Produce Light Of Varying Colours**, the specification of which was filed on **26 February 2004** as Application Serial No. 10/789,488. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119, of any foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>2003271383</u>	<u>AU</u>	<u>23/12/03</u>	<u>Yes</u>
<i>Number</i>	<i>Country</i>	<i>Day/Month/Year Filed</i>	<i>Priority Claimed</i>

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under § 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY

As a named inventor, I hereby appoint the firm of MEDLEN & CARROLL, LLP, a firm comprised of:

Tanya A. Arenson	(Reg. No. 47,391)	Robert A. Goetz	(Reg. No. P-55,210)
Donald A. Baricevac	(Reg. No. 44,021)	Maha A. Hamdan	(Reg. No. 43,655)
Jason R. Bond	(Reg. No. 45,439)	Thomas C. Howerton	(Reg. No. 48,650)
Mary Ann D. Brow	(Reg. No. 42,363)	J. Mitchell Jones	(Reg. No. 44,174)
Thomas W. Brown	(Reg. No. 50,002)	Christine A. Lekutis	(Reg. No. 51,934)
Peter G. Carroll	(Reg. No. 32,837)	James C. Mason	(Reg. No. 50,255)
David A. Casimir	(Reg. No. 42,395)	David J. Wilson	(Reg. No. 45,225)

as my attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Please direct all correspondence and telephone calls regarding this application to:

Christine A. Lekutis
MEDLEN & CARROLL, LLP
101 Howard Street, Suite 350
San Francisco, California 94105

Telephone: 415/904-6500
Facsimile: 415/904-6510

Full Name of Sole or First Inventor: Simon Nicholas Richmond

Inventor's Signature: *Simon Richmond*

Date: 1/July/04

Residence: Unit 3, 40-48 O'Dea Avenue, Waterloo, New South Wales 2017 Australia Citizenship: Australia

Post Office Address: Unit 3, 40-48 O'Dea Avenue, Waterloo, New South Wales 2017 Australia

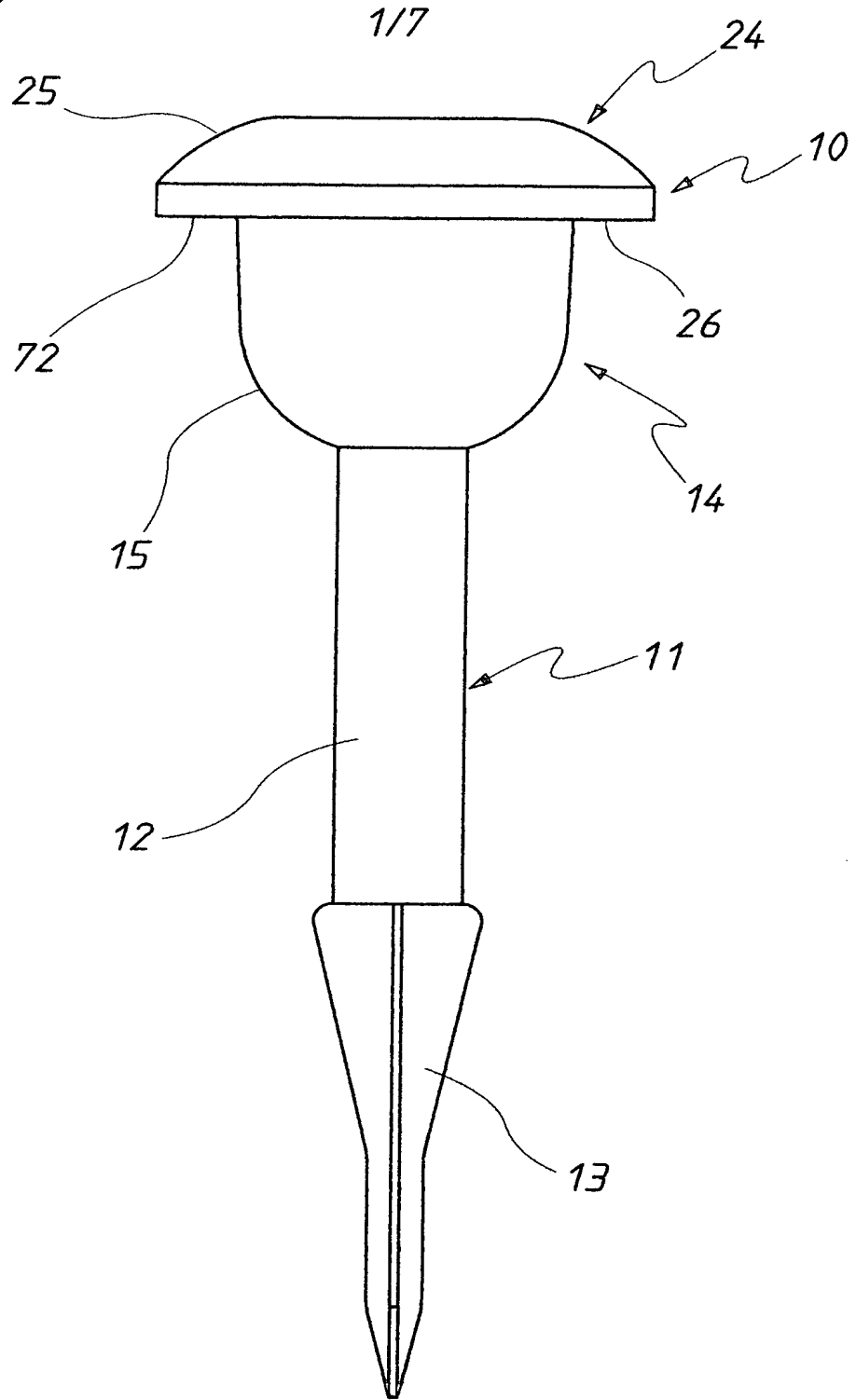


FIG. 1

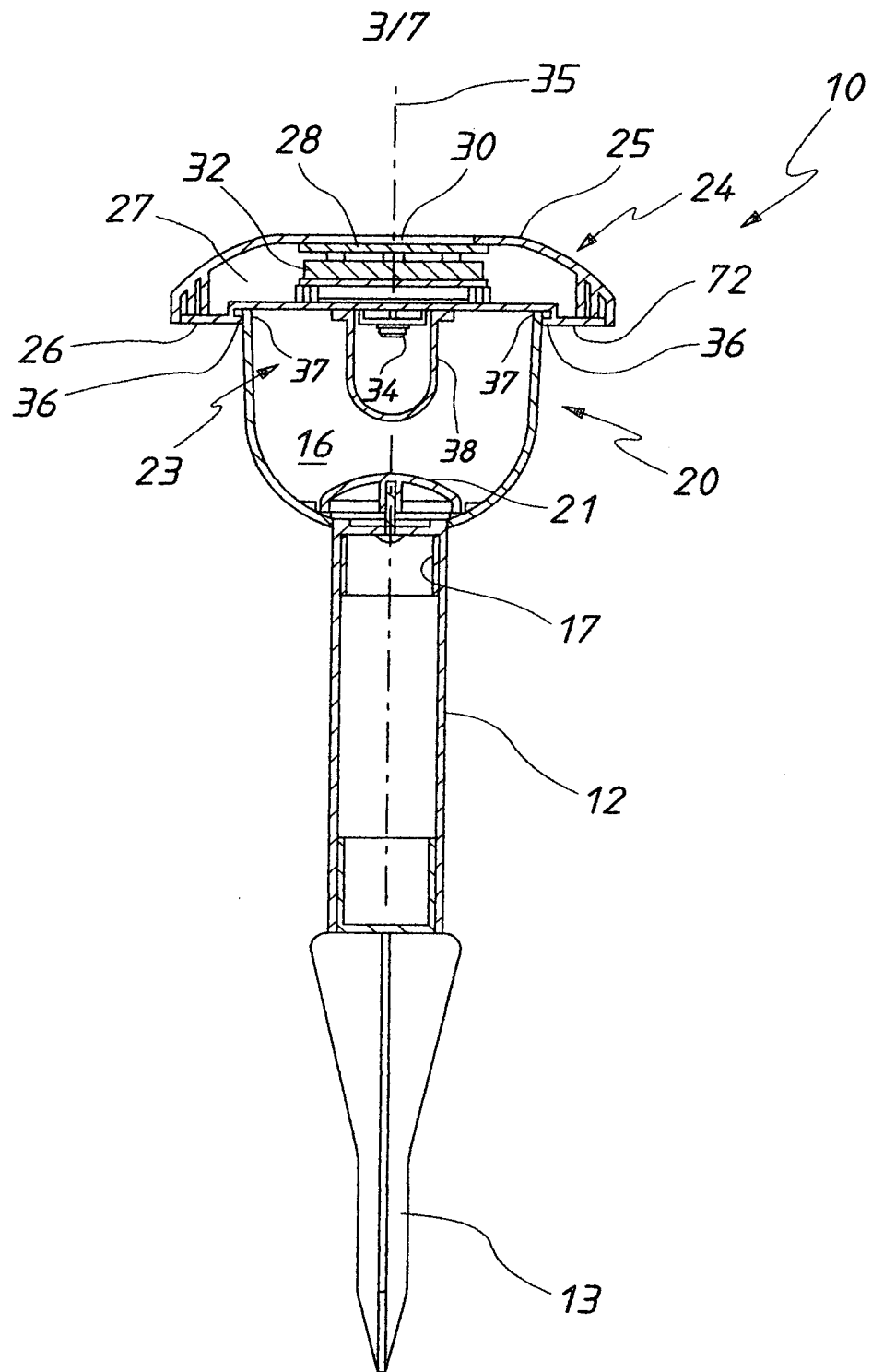


FIG. 3

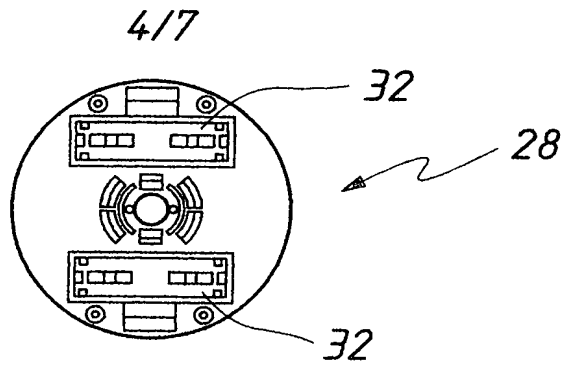


FIG. 4

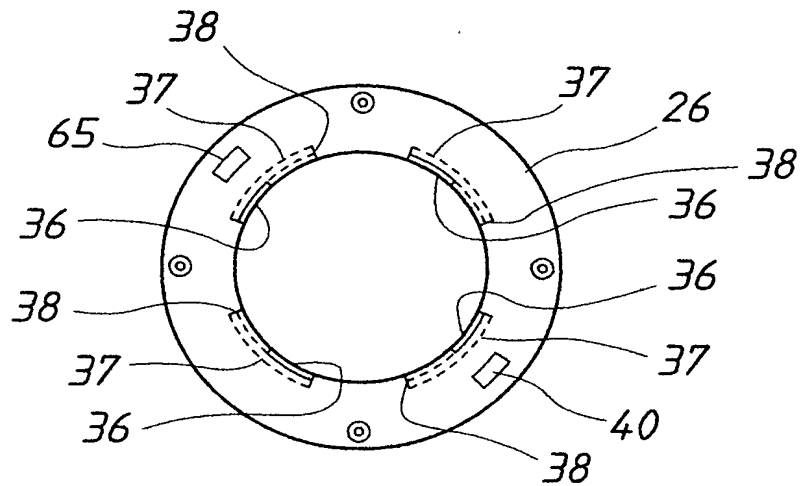


FIG. 5

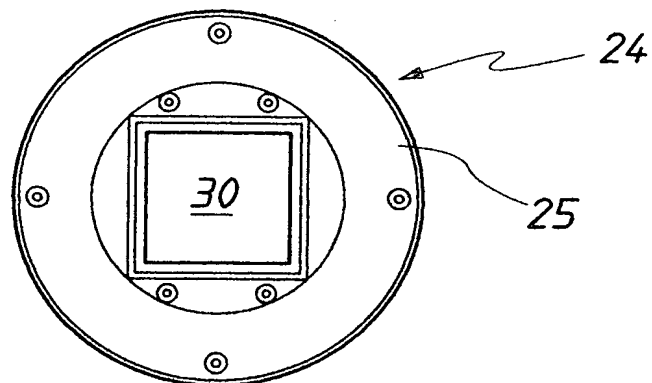


FIG. 6

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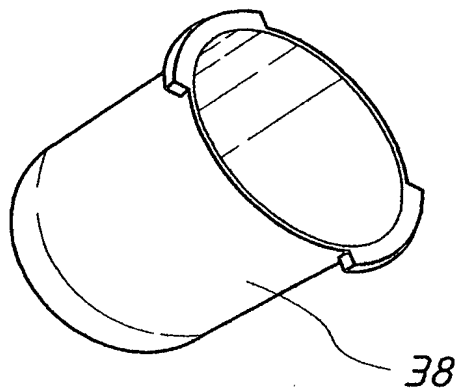


FIG. 7

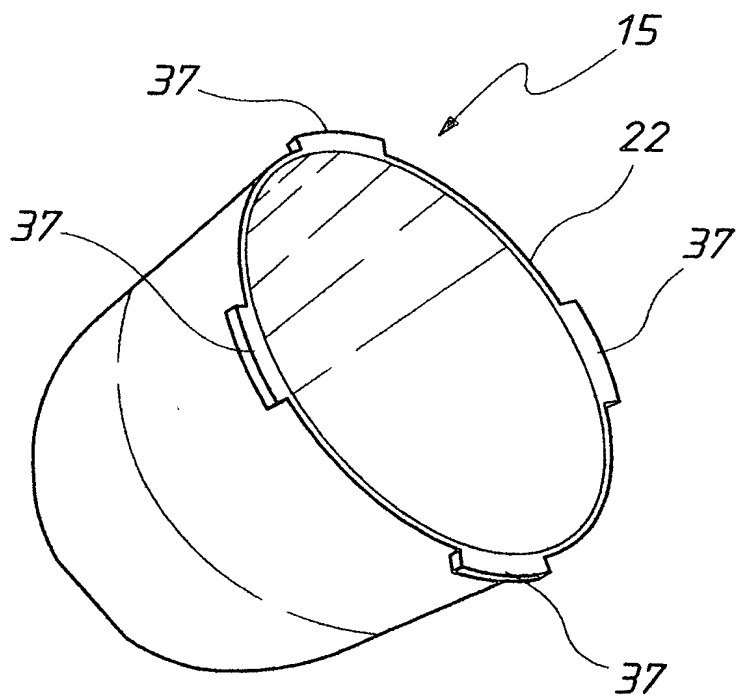


FIG. 8

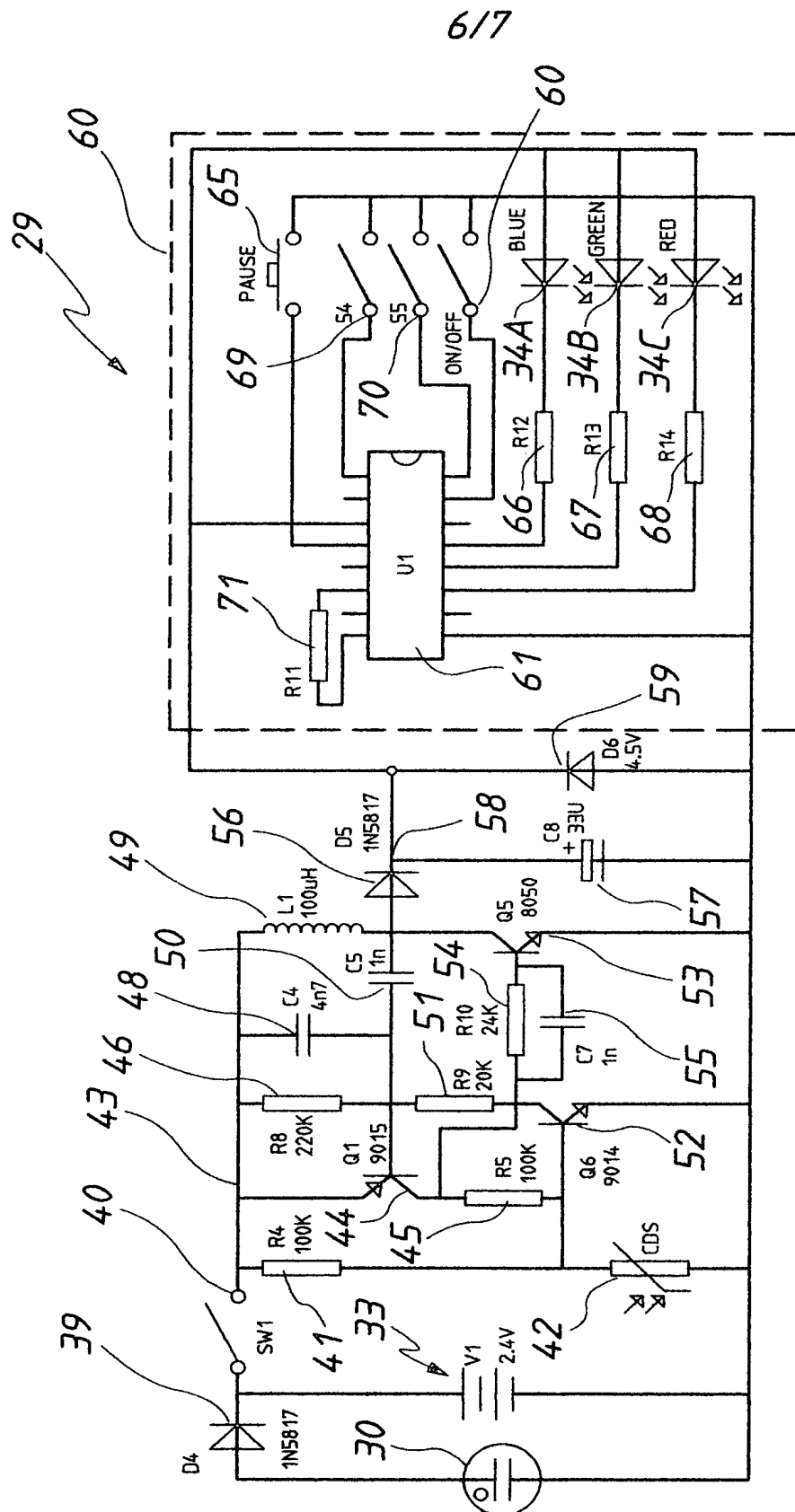


FIG. 9

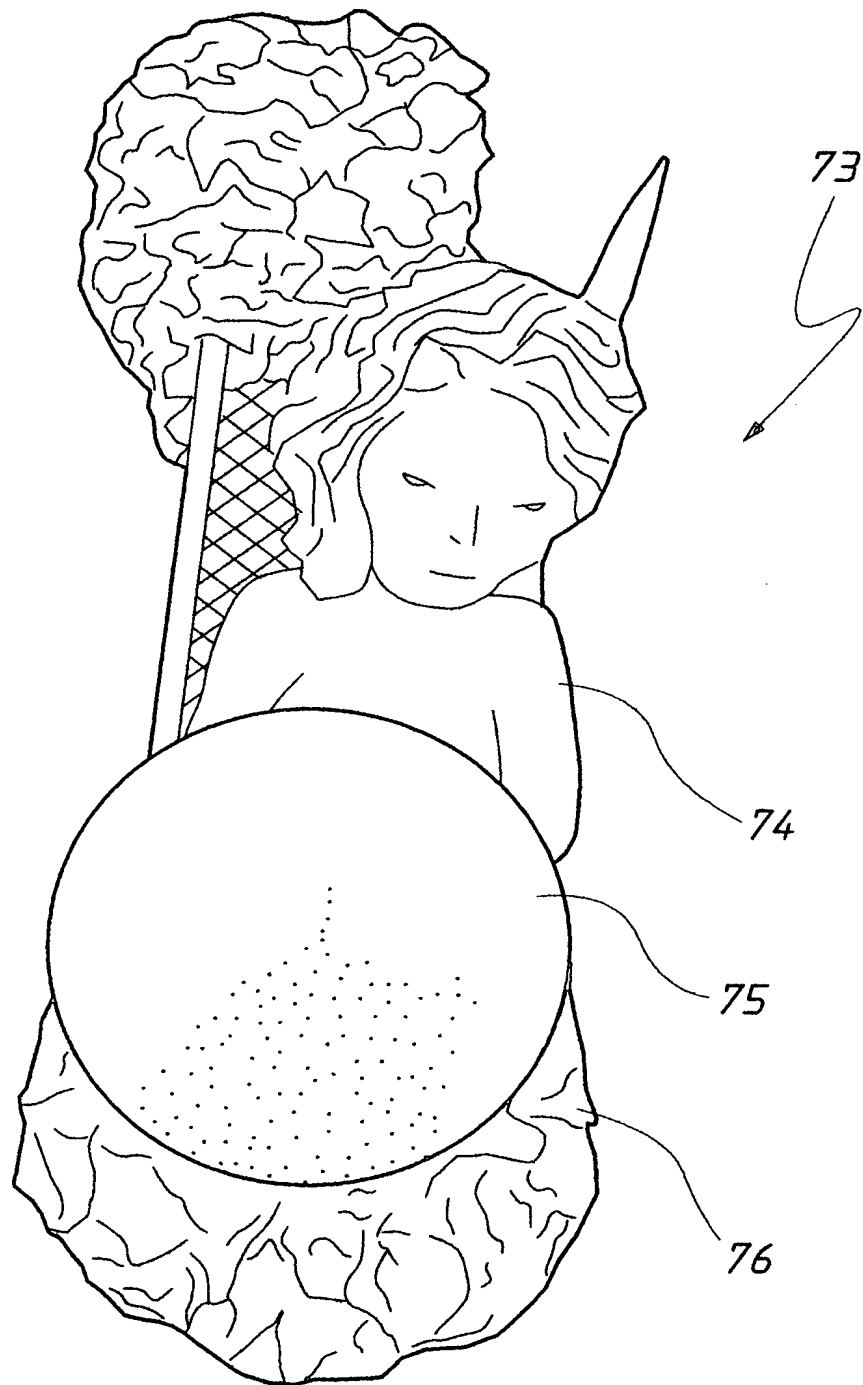


FIG. 10

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10/10/1488

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Canberra

I, JULIE BILLINGSLEY, TEAM LEADER EXAMINATION SUPPORT AND SALES hereby certify that annexed is a true copy of the Complete specification in connection with Application No. 2003271383 for a patent by HPM INDUSTRIES PTY LTD as filed on 23 December 2003.



WITNESS my hand this
Twenty-seventh day of February 2004

A handwritten signature in cursive script, appearing to read "J. Billingsley".

JULIE BILLINGSLEY
TEAM LEADER EXAMINATION
SUPPORT AND SALES

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PRIORITY DOCUMENT

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PRIORITY DOCUMENT

AUSTRALIA

PATENTS ACT 1990

COMPLETE SPECIFICATION

FOR A STANDARD PATENT

Name and Address of Applicant :	HPM Industries Pty Ltd Level 1, Unit 3 40-48 O'Dea Avenue Waterloo New South Wales 2017 Australia
Address for Service:	Spruson & Ferguson St Martins Tower Level 35 31 Market Street Sydney NSW 2000 (CCN 3710000177)
Invention Title:	A Solar Powered Light Assembly to Produce Light of Varying Colours

The following statement is a full description of this invention, including the best method of performing it known to me/us:-

A SOLAR POWERED LIGHT ASSEMBLY TO PRODUCE LIGHT OF VARYING COLOURS

Technical Field

The present invention relates to solar powered lights and more particularly but
5 not exclusively to solar powered lights that produce a light of varying colour.

Background of the Invention

Light devices that employ LED systems to produce a variable colour are known. Examples are described in USA Patents 6459919, 6608458, 6150774 and 6016038. It is also known to have "garden lights" that are solar powered. For example such garden
10 lights include a body providing a spike that is driven into a ground surface. At the upper end of the spike there is mounted a diffuser surrounding a lamp, with the lamp being driven by rechargeable batteries and a solar cell.

The abovementioned lighting apparatus have a number of disadvantages including difficulty in adjusting the various lighting functions and not producing a
15 uniform desired colour when required to do so.

Object of the Invention

It is the object of the present invention to overcome or substantially ameliorate at least one of the above disadvantages.

Summary of the Invention

20 There is disclosed herein a lighting device to produce light of varying colour, said device including:

- a body;

- a lens mounted on the body and generally enclosing a chamber having an upper rim surrounding a top opening, and a bottom region;

- 25 a reflector mounted in the bottom region;

- a cap assembly including securing means to releasably engage the rim so that the cap assembly can be selectively removed from the lens; said assembly including:

- a base;

- a circuit having at least two lamps of different colours which are activated to
30 produce a desired colour including a varying colour, the lamps being mounted to direct light into said chamber, a solar cell mounted on an exposed surface of the assembly and

rechargeable batteries to power the circuit, a light sub-circuit connected to the lamps to deliver electric power thereto so that the lamps produce said desired colour, and a switch operated to deliver electric power from the batteries and cell to said sub-circuit, the switch being exposed to provide for access thereto by a user.

5 Preferably, said switch is on an exposed downwardly facing surface.

Preferably, said circuit includes three lamps, each of a different colour.

Preferably, said lens is a first lens, and said device includes a second lens, said second lens being attached to said base and providing a cavity into which the LEDs direct light, with the light leaving said second lens then passing through said first lens.

10 Preferably, the first and second lenses diffuse light.

Preferably, said body includes a post having opposite first and second ends, with a spike attached to said first end, and said first lens attached to said second end.

Preferably, said second lens is detachably secured to said post.

Preferably, said switch is a first switch, and second sub-circuit includes an integrated circuit and a second switch connected to said integrated circuit, the second switch being exposed to provide for access thereto by a user.

15 Preferably, said second switch activates said integrated circuit to select a desired colour.

Preferably, said second switch is on said exposed surface.

20 **Brief Description of the Drawings**

A preferred form of the present invention will now be described by way of example with reference to the accompanying drawings wherein:

Figure 1 is a schematic side elevation of a lighting device;

Figure 2 is a schematic sectioned front elevation of the device of Figure 1;

25 Figure 3 is a schematic sectioned side elevation of the device of Figure 1;

Figure 4 is a schematic plan view of a moulding employed in the device of Figure 1;

Figure 5 is a schematic plan view of a base member of the device of Figure 1;

Figure 6 is a schematic to plan view of a cap assembly employed in the device of Figure 1;

30 Figure 7 is a schematic isometric view of a lens employed in the device of Figure 1;

Figure 8 is a schematic isometric view of a second lens employed in the device of Figure 1; and

Figure 9 is a circuit diagram of the circuit of the board of Figure 4.

Detailed Description of the Preferred Embodiments

5 In the accompanying drawings there is schematically depicted a lighting device 10. The device 10 of this embodiment is configured as a "garden light". The device 10 includes a body 11 including a post 12 from the lower end from which there extends a spike 13. The spike 13 is driven into a ground surface so that the post 12 is exposed above the ground surface.

10 Attached to the upper end of the post 12 is a lens assembly 14. The lens assembly 14 includes a lens 15 that encompasses a chamber 16. The lower end of the lens 15 has fixed to it a "bayonet" fitting 17 that engages a shaft 18 fixed to the upper end of the post 12. The fitting 17 includes an "L" shaped slot 19 through which the shaft 18 passes to secure the lens assembly 14 to the upper end of the post 12.

15 The chamber 16 includes a lower portion 20 within which there is mounted an arcuate reflector 21 that is concave.

The lens 15 has a rim 22 surrounding the upper opening 23 of the lens 15.

Removably attached to the rim 22 is a cap assembly 24. The assembly 24 includes a cover 25 fixed to a base 26. The base 26 is located beneath the cover 25 and is shielded thereby. The base 26 and cover 25 encompass a chamber 27 within which there is a mounted moulding 28. The moulding 28 is provided with battery compartments 32.. The components of the circuit 29 are located within the chamber 27, while the upper surface of the assembly 27 is provided with the solar cell 30. The cell 30 is exposed through a central rectangular aperture 31 of the cap 25.

25 Mounted within the chamber 27 via battery compartments 32 are rechargeable batteries 33 which are used to energise three LEDs 34. The LEDs 34 when illuminated produce red, green and blue light.

The cap assembly 24 is generally circular in configuration so as to provide the device 10 with a generally vertical longitudinal axis 35.

30 The base 26 has radially inward projecting flange segments 36 that engage with radially outward extending flange segments 37 of the rim 22 to be secured thereto. By angular movement of the cap assembly 24 about the axis 35, the segments 36 and 37 engage or disengage to secure or to release the assembly 24 with respect to the lens 15.

As can be noted from Figure 5, the flange segments 27 have end abutment portions 38 against which these segments 36 engage when the assembly 24 is secured to the lens 15.

Mounted on the under surface of the base 26 is a second lens 38. Accordingly, the diodes 34 when activated have their light preferably diffused by the lens 38 and then
5 further diffused by the lens 15. This in particular aids in producing a more evenly coloured light when the diodes 34 are activated.

The circuit 29 powers and controls the lighting device 10 in accordance with an embodiment of this invention. The circuit 29 consists of a number of interconnected sub-circuits, including a power supply circuit, a light operated circuit, a boost-up circuit, a
10 rectifier circuit, and a light circuit.

The power supply circuit comprises a solar cell 30 connected in series to a forward biased diode 39, which is in turn connected to a positive terminal of a battery 33. A negative terminal of the battery 33 is then connected to the solar cell 30 to complete the power supply circuit. In this example, the diode 39 is a model number IN5817 Schottky
15 diode and the battery comprises two rechargeable 1.2 volt battery cells. It will be apparent to a person skilled in the art that other diode and battery configurations may be utilised without departing from the spirit and scope of the invention.

When the solar cell 30 is exposed to sufficient light, the solar cell converts some of the solar energy to electrical energy and creates a current that passes through the diode
20 39 to charge the battery 33. Thus, during the day the solar cell 30 converts energy from the sun to charge the battery 33. The diode 39 prevents the battery 33 from expending any power on the solar cell 30.

The power supply circuit is connected in parallel to the light operated circuit, which is connected across the terminals of the battery 33. The positive terminal of the
25 battery 33 is connected to a switch 40, which is in turn connected to a 100k Ω first resistor 41. The first resistor 41 is connected in series with a second, light-dependent resistor 42. The second resistor 42 connects to the negative terminal of the batteries 33 to complete the light operated circuit. The value of resistance of the second resistor 42 depends on the amount of light to which the second resistor 42 is exposed. When there is not much light,
30 such as occurs during the night, the value of the second resistor 42 increases. During the daytime, when there is sufficient light, the value of the second resistor 42 decreases.

The boost-up circuit is connected to the light operated circuit, in parallel with the first resistor 41 and the second, light-dependent resistor 42. A first circuit node 43 is defined between the switch 40 and the first resistor 41. Connected to the node 43, is an

emitter terminal of a first triode 44. A collector terminal of the first triode 44 is connected in series with a $100\text{k}\Omega$ third resistor 45. The third resistor 45 is then connected to a point between the first resistor 41 and the second resistor 42.

5 A $220\text{k}\Omega$ fourth resistor 46 is connected to node 43 across the emitter and base terminals of the first triode 44. In parallel with the fourth resistor 46, and also connected across the emitter and base terminals of the first triode 44, is a 4.7nF first capacitor 48. Further connected to node 43, across the emitter and base terminals of the first triode 44 and in parallel with each of the fourth resistor 46 and the first capacitor 48, is a $100\mu\text{H}$ inductor 49 in series with a 1nF second capacitor 50. The second capacitor is then
10 connected to the base terminal of the first triode 44.

A $20\text{k}\Omega$ fifth resistor 51 is connected across the base and collector terminals of the first triode 44. Connected across the terminals of the third resistor 45 are the collector and base terminals, respectively, of a second triode 52. The emitter terminal of the second triode 52 is connected to the negative terminal of the batteries 33.

15 Connected between the inductor 49 and the second capacitor 50 is the collector terminal of a third triode 53. The base terminal of the third triode 53 is connected via an intermediary circuit to the collector terminal of the second triode 52. The intermediary circuit consists of a $2.4\text{k}\Omega$ fourth resistor 54 in parallel with a 1nF third capacitor 55. The emitter terminal of the third triode 53 is connected to the negative terminal of the battery
20 33.

Also connected between the inductor 49 and the second capacitor 50 is the rectifier circuit. A forward biased second diode 56 is connected to a point between the inductor 49 and the second capacitor 50, and then to a positive terminal of a $33\mu\text{F}$ fourth capacitor 57. The negative terminal of the fourth capacitor 57 is connected to the
25 negative terminal of the battery 33. A second circuit node 58 is defined between the second diode 56 and the fourth capacitor 57. Connected in parallel with the fourth capacitor 57, between the second node 58 and the negative terminal of the battery 33 is a reverse biased 4.5V third diode 59. The second diode 56, the fourth capacitor 57 and the third diode 59 comprise the rectifier circuit. Further connected to the second circuit node
30 58, in parallel with each of the capacitor 57 and the reverse diode 59, is a light circuit 60.

The light circuit 60 contains an integrated circuit (IC) 61 having 16 pins.

Each of pins 1, 15 and 16 is connected in series to respective switches 69, 70, 60. Each of the switches 69, 70 and 60 is then connected to the negative terminal of the battery 33. In one embodiment, the switches 69, 70, 60 correspond to the LEDs 34A, 34B, and 34C to

enable or disable a particular colour range. In another embodiment, the switches 69,70, 60 determine the frequency of a colour changing effect. In a further embodiment, the switches 69,70, 60 determine the intensity of light emitted by each of the LEDs 34A, 34B, and 34C. Various combinations of the frequency and intensity of light are also possible.

5 The switches 69, 70, 60 can be made accessible to a user to create custom lighting effects. Alternatively, the switches 69, 70, 60 are set according to a predetermined configuration and are not readily accessible by a user.

Pin 4 of the IC 61 enables an optional pause function. In this embodiment, pin 4 connects to a push button 65 that is, in turn, connected to the negative terminal of the batteries 33. Pin 3 of the IC 61 connects to the second circuit node 58.

10

Connected to the second circuit node 58, and in parallel with one another, are first second and third forward biased light emitting diodes (LEDs) 34A, 34B and 34C. The first LED 34A is connected in series with a sixth resistor 66 that is connected to pin 13 of the IC 61. The second LED 34B is connected in series with a seventh resistor 67 that is connected to pin 12 of the IC 61. The third LED 34C is connected in series with an eighth resistor 68 that is connected to pin 11 of the IC 61. In this example, the first LED 34A is blue, the second LED 34B is green and the third LED 34C is red.

15

Pins 6 and 8 of the IC 61 are tied to one another via a ninth resistor 71. Pin 9 of the IC 61 is tied to the negative terminal of the battery 33.

During the day, the solar cell 30 charges the battery 33. The value of the second resistor 42 is low and, consequently, small amounts of current flow through the boost-up circuit, rectifier circuit and light circuit. As night falls, the amount of energy converted by the solar cell 30 decreases. The resistance of the second resistor 42 increases and more current flows into the boost-up circuit, rectifier circuit and light circuit. This activates the LEDs 34A, 34B, and 34C in the light circuit and the light device 10 produces a changing light effect.

20

25

The integrated circuit 61 controls each of the first, second and third LEDs 34A, 34B, and 34C to produce a changing light effect for the light device 10. The integrated circuit varies the frequency and intensity of light emitted by the LEDs 34A, 34B, and 34C to produce a constantly changing kaleidoscopic effect. The light device 10 displays a constantly changing lighting effect that cycles through the light spectrum by ramping up and ramping down the intensity of light displayed by the LEDs 34A, 34B, and 34C.

30

Connecting the optional pause function of pin 4 of the IC 61 to the push button 65 enables a user to stop the changing light effect and maintain a constant colour. In this

manner, a user can select a preferred colour for a lighting effect. The user observes the changing colour effect and when a desired colour is displayed, the user depresses the pause button 65.

The colour displayed at the time that the button is pressed then remains on.

- 5 Preferably, the circuit retains sufficient charge such that a user selected colour is retained during the day and is displayed again when the light is reactivated the following evening. In this manner, the user does not have to reselect a desired colour each night. To reinstate the changing light effect, the user presses the push button 65 again and the changing light effect resumes.

- 10 It will be readily apparent to a person skilled in the art that there are many circuit variations possible for enabling and controlling the lighting display, without departing from the spirit and scope of the invention.

- 15 The switches 40 and 65 are mounted on the base 26 so as to be on a downwardly facing surface 72 of the base 26. This enables a user to control the device via readily accessible switches, without needing to remove the cap assembly 24.

The claims defining the invention are as follows:

1. A lighting device to produce light of varying colour, said device including:

a body;

5 a lens mounted on the body and generally enclosing a chamber having an upper rim surrounding a top opening, and a bottom region;

a reflector mounted in the bottom region;

a cap assembly including securing means to releasably engage the rim so that the cap assembly can be selectively removed from the lens; said assembly including:

10 a base;

a circuit having at least two lamps of different colours which are activated to produce a desired colour including a varying colour, the lamps being mounted to direct light into said chamber, a solar cell mounted on an exposed surface of the assembly and rechargeable batteries to power the circuit, a light sub-circuit connected to the lamps to
15 deliver electric power thereto so that the lamps produce said desired colour, and a switch operated to deliver electric power from the batteries and cell to said sub-circuit, the switch being exposed to provide for access thereto by a user.

2. The device of claim 1 wherein, said switch is on an exposed downwardly facing surface.

20 3. The device of claim 2 wherein, said circuit includes three lamps, each of a different colour.

4. The device of claim 1 wherein, said lens is a first lens, and said device includes a second lens, said second lens being attached to said base and providing a cavity into which the LEDs direct light, with the light leaving said second lens then passing
25 through said first lens.

5. The device of claim 4 wherein, the first and second lenses diffuse light.

6. The device of claim 5 wherein, said body includes a post having opposite first and second ends, with a spike attached to said first end, and said first lens attached to said second end.

30 7. The device of claim 6 wherein, said second lens is detachably secured to said post.

8. The device of claim 1 wherein, said switch is a first switch, and second sub-circuit includes an integrated circuit and a second switch connected to said integrated circuit, the second switch being exposed to provide for access thereto by a user.

9. The device of claim 8 wherein, said second switch activates said integrated circuit to select a desired fixed colour.

10. The device of claim 9 wherein, said second switch is on said exposed surface.

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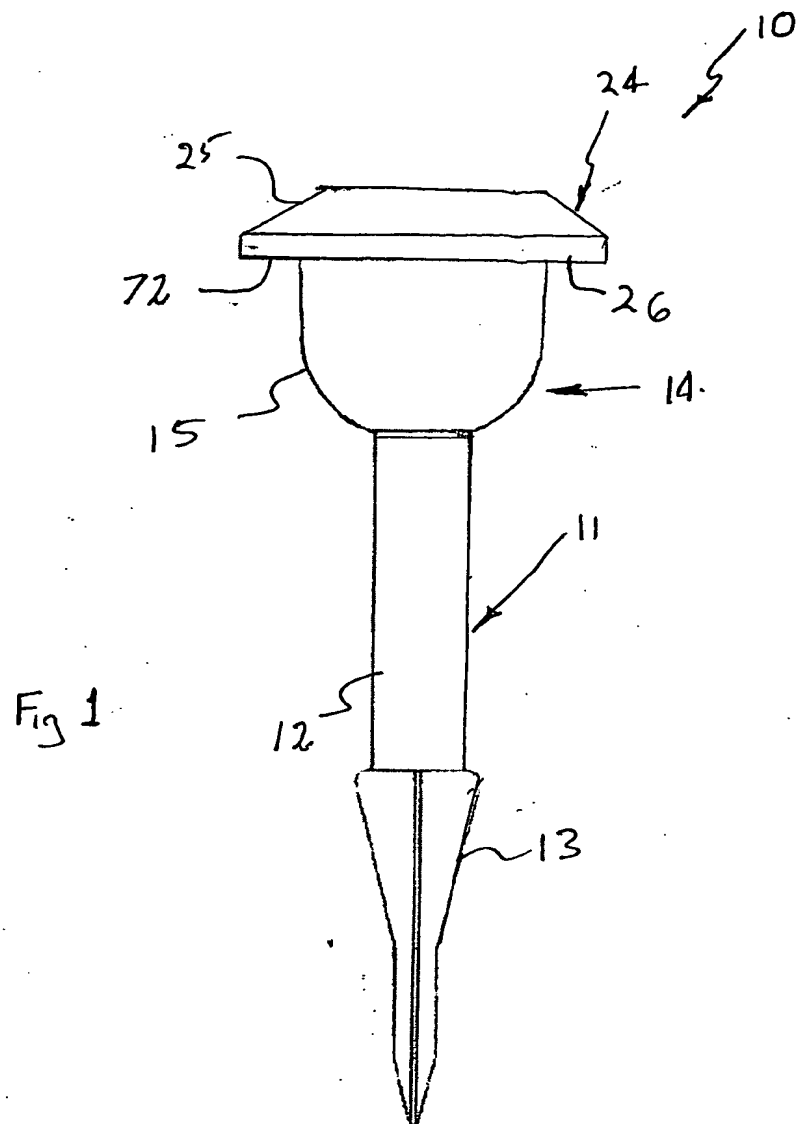
Dated 23 December, 2003

HPM Industries Pty Ltd

Patent Attorneys for the Applicant/Nominated Person

SPRUSON & FERGUSON

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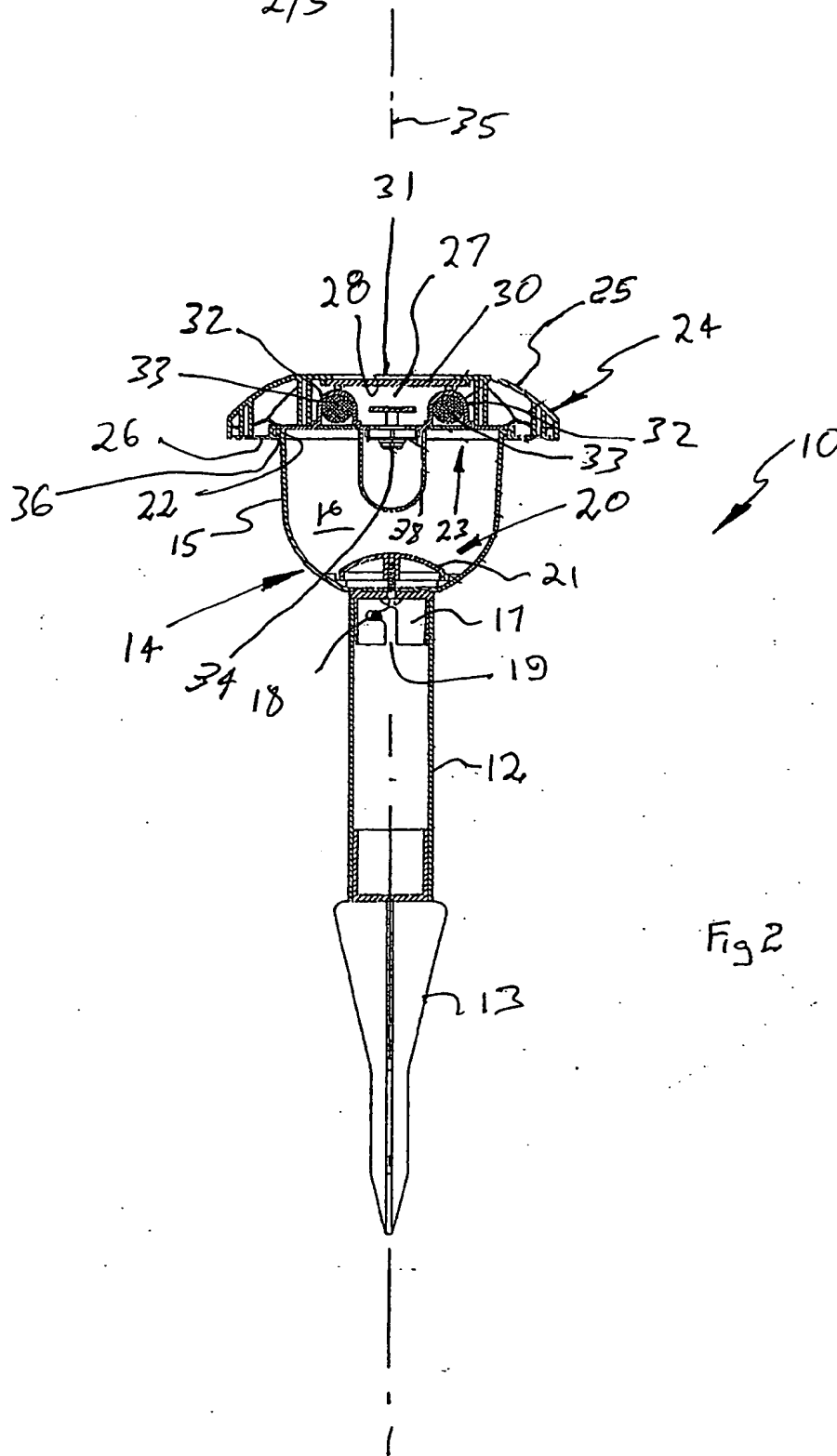


Fig 2

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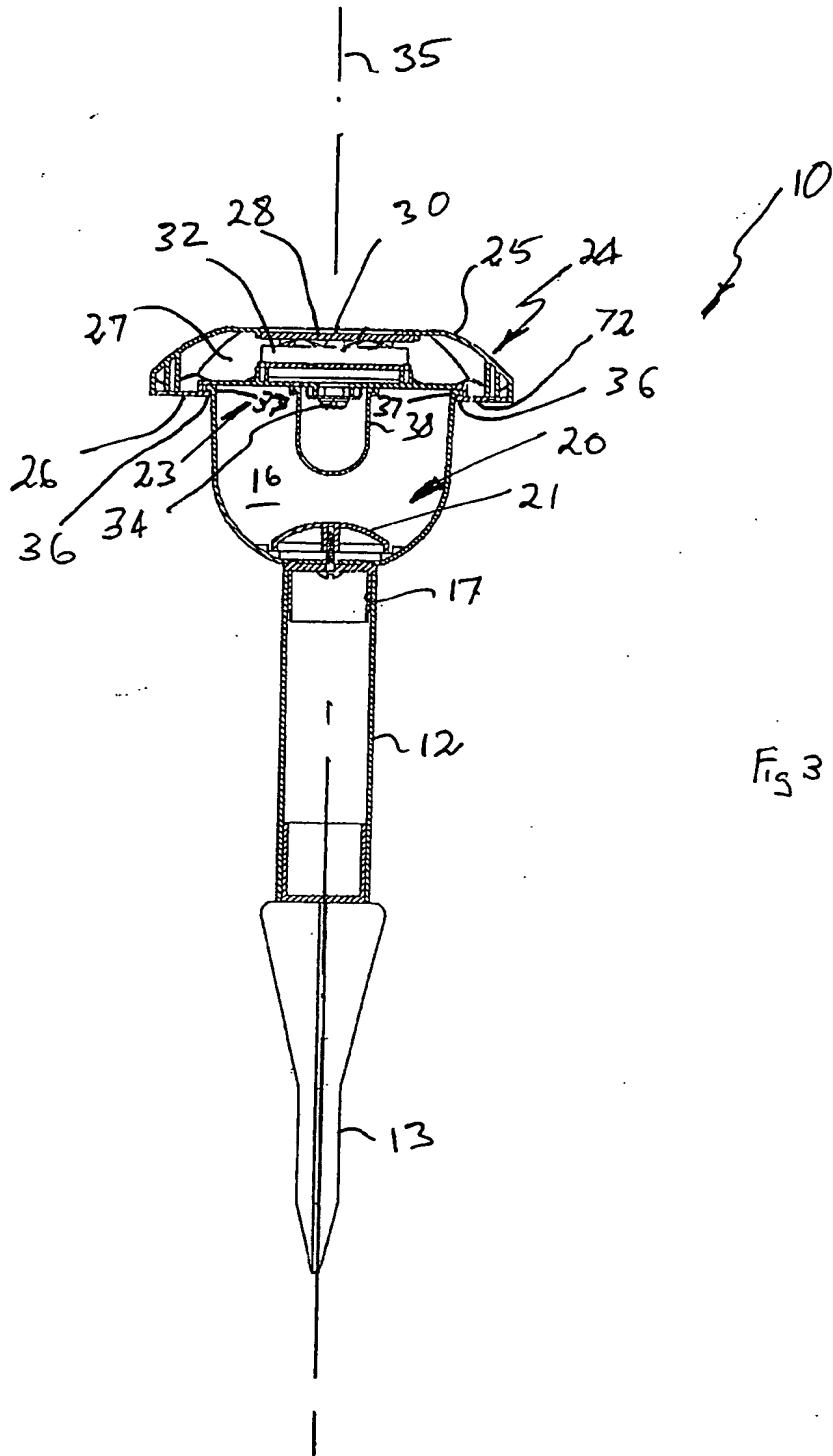
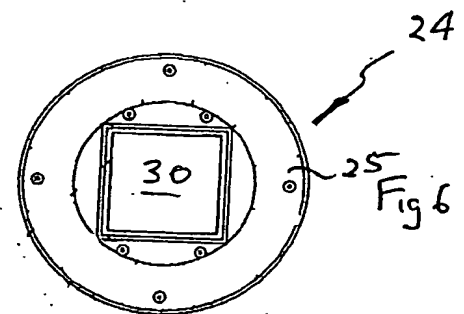
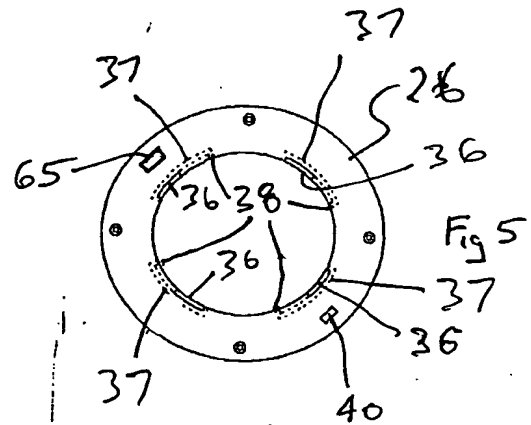
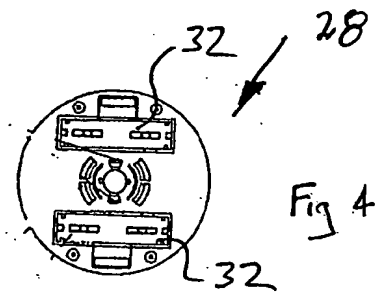
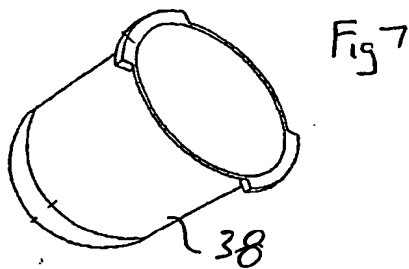
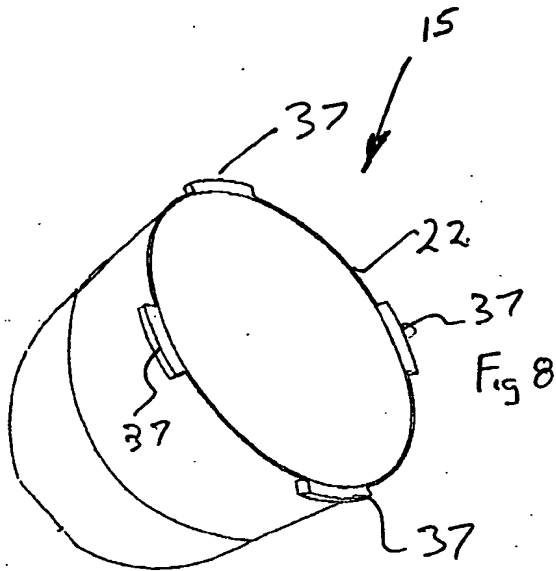
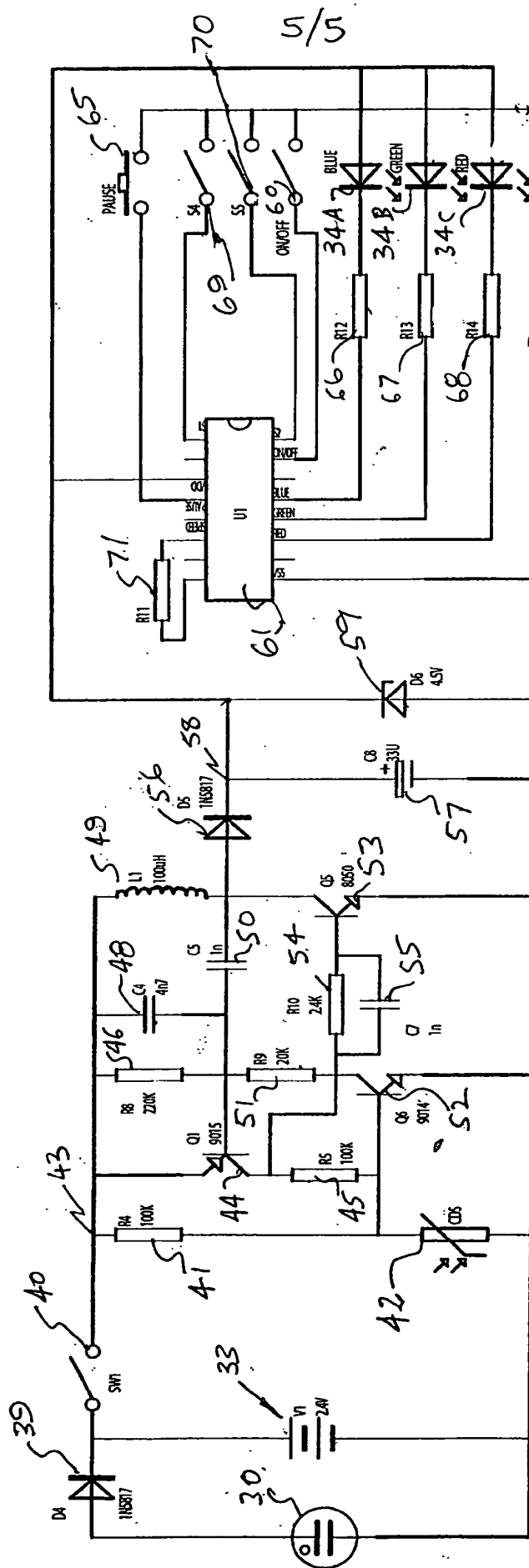


Fig 3

4/5





A SOLAR POWERED LIGHT ASSEMBLY TO PRODUCE LIGHT OF VARYING COLOURS

Abstract

A garden light 10 having a body (11) with a post (12), the lower end of which is
5 provided with a spike (13). The upper end of the post (11) receives a lens assembly (12).
Secured to the lens assembly (12) is a cap assembly (24) that has three LEDs that are
activated to produce a varying colour light.

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PATENT
Attorney Docket No. **SPRUSON-08795**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Simon Nicholas Richmond

Serial No.: 10/789,488

Group No.: 2875

Filed: 02/26/2004

Examiner:

Entitled: **A Solar Powered Light Assembly To Produce Light Of
Varying Colours**

**NOTIFICATION OF FILING OF
CONTINUING OR DIVISIONAL APPLICATION**

Commissioner for Patents
P.O. Box 1450
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Dated: April 7, 2005

Christine A. Lekutis
Registration No. 51,934

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