501935342 05/28/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------------|----------------|
| Miroslaw Marek Grotkowski | 11/24/2010 |
| Gregory Bernard Sheehan | 11/24/2010 |

RECEIVING PARTY DATA

| Name: | Light-Based Technologies Incorporated | |
|-----------------|---------------------------------------|--|
| Street Address: | 200 - 3689 East 1st Avenue | |
| City: | Vancouver | |
| State/Country: | CANADA | |
| Postal Code: | V5M 1C2 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13481898 |

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Oyen Wiggs Green & Mutala LLP Address Line 1: 480 - The Station, 601 W. Cordova St. Address Line 4: Vancouver, CANADA V6B 1G1

ATTORNEY DOCKET NUMBER: L435 0040/GNM

NAME OF SUBMITTER: Gavin N. Manning

Total Attachments: 3

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PATENT REEL: 028277 FRAME: 0132

ASSIGNMENT OF INVENTIONS AND RELATED PATENT RIGHTS

WHEREAS:

Miroslaw Marek Grotkowski 1288 Beaufort Road North Vancouver, British Columbia V7G 2N6 Canada Gregory Bernard Sheehan Unit 26, 4660 52A Street Delta, British Columbia V4K 2Y6 Canada

(collectively, the "Assignors"), whose full post office addresses are set out above, are the inventors of certain inventions or improvements (the "Inventions") described and/or claimed in:

- Canada Patent Application No. _____ entitled: **EFFICIENT ELECTRICALLY ISOLATED LIGHT SOURCES** filed on **26 October 2010** (Oyen Wiggs Green & Mutala LLP is hereby authorized to insert the application number when available in the space indicated above); and,
- United States Patent Application No. 12/912576 entitled EFFICIENT ELECTRICALLY ISOLATED LIGHT SOURCES filed on 26 October 2010 (the "Applications");

AND WHEREAS, Light-Based Technologies Incorporated (the "Assignee"), whose full post office address is 200 - 3689 East 1st Avenue, Vancouver, British Columbia, V5M 1C2, Canada, wishes to own the entire worldwide right, title and interest in and to: the Inventions, the Application, and all patents which may be granted on or as a result thereof in all countries;

In consideration of ONE (\$1.00) DOLLAR and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignors, do hereby, both jointly and severally, sell, assign, transfer and set over to the Assignee the entire worldwide right, title and interest in and to:

- the Inventions;
- the Application;
- all continuations, divisions, renewals of or substitutes for the Application;
- the right to file counterparts to the Application in all countries and regions;
- the right to claim priority from the Application in all countries and regions;
- each and every additional application that claims any part of the Inventions;
- each and every additional application that is in any way based on or claims priority from or corresponds to the Application;
- all patents which may be granted on or as a result thereof; and
- any reissue or reissues of such patents;

the same to be held and enjoyed by the Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which such patents respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this Assignment, sale and transfer not been made.

The Assignors hereby covenant that they: have full right to convey the entire interest herein assigned; have not encumbered the rights and properties transferred by this Assignment in any manner; and have

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not executed and will not execute any agreement to transfer any rights in the Inventions and/or the Application to anyone other than the Assignee; or that is otherwise in conflict herewith.

The Assignors promise that they shall:

- each time a request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to the Inventions, the Application, and the patents in the Assignee, its successors, assigns, nominees or legal representatives;
- each time a request is made and without undue delay execute and deliver such additional papers
 the Assignee considers to be necessary or desirable for use in: prosecution of the applications;
 interference proceedings involving the applications or patents; oppositions involving the
 applications or patents; applications to reissue or reexamine the patents; or filing additional
 applications to protect the Inventions in any country;
- communicate to the Assignee, or its nominees, all known facts respecting the Inventions, the Application and said patents and assist in the ascertainment of facts and the production of evidence relating to the Inventions, the applications, or the patents;
- testify in any legal proceedings;
- sign all lawful papers;
- execute all disclaimers and divisional, continuing, reissue and foreign applications;
- make all rightful oaths; and
- generally to do everything possible to aid the Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit, proper patent protection for the Inventions in all countries:

all at the expense, however, of the Assignee or its successors, assigns, nominees or legal representatives.

Each of the Assignors hereby irrevocably designates and appoints the Assignee and its duly authorized officers and agents, and their successors, as his or her agents and attorneys-in-fact, to act on the Assignors' behalf and instead of the Assignors, to execute and file applications to patent the Inventions in all countries, and to do all other proper lawfully-permitted acts to further the assignment, prosecution and issuance of patents for the Inventions with the same legal force and effect as if executed by the Assignors. This power of attorney shall be deemed coupled with an interest and is irrevocable.

Each Assignor hereby authorizes and requests any official of any country or countries whose duty it is to issue patents on applications to issue to the Assignee, its successors, assigns, nominees or legal representatives all patents for the Inventions in accordance with the terms of this Assignment.

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PATENT REEL: 028277 FRAME: 0134

Canada this 24 day of November, 2010.

(month)

Miroslaw Marek Grotkowski EXECUTED at Vancouver, British Columbia, Canada this $\sqrt[3]{i}$ (date) I hereby certify that before me personally appeared Miroslaw Marek Grotkowski who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and that in my presence by his signature on the instrument the person executed this instrument, and who by me having been sworn did acknowledge to me that he executed the instrument in his authorized capacity and as his free act and deed on the day and year aforesaid. WITNESS my hand and official seal SEAL: Notary Publid my Commission does not expire Pauline Jang Hotary Pulses 20a - 1053 W Brendery 2001 ver **80** - 432) véz fal (364 756-0188 EXECUTED at Vancouver, British Columbia, Canada this day of MOURMBER, 2010. (month) Bernard Sheehan I hereby certify that before me personally appeared Gregory Bernard Sheehan who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and that in my presence by his signature on the instrument the person executed this instrument, and who by me having been sworn did acknowledge to me that he executed the instrument in his authorized capacity and as his free act and deed on the day and year aforesaid. WITNESS my hand and official seal SEAL: Notary Public + my Commission does not expire rwine Jang CONFULLS M. G. co. 1-1755-01**8**8

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RECORDED: 05/28/2012