

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4792836

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TAKAYOSHI FUJIMOTO	08/07/2017
MASAMICHI YAMASHITA	08/07/2017
MASAKI MORI	08/07/2017
YUTAKA OKA	08/07/2017
RECEIVING PARTY DATA	
Name:	TORAY ENGINEERING CO., LTD.
Street Address:	YAESU RYUMEIKAN BLDG., 3-22, YAESU 1-CHOME
City:	CHUO-KU, TOKYO
State/Country:	JAPAN
Postal Code:	103-0028
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15562024
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	TOR-102
NAME OF SUBMITTER:	PATRICK MUIR
SIGNATURE:	/Patrick Muir/
DATE SIGNED:	01/25/2018
Total Attachments: 4	
source=2 Assignment for Fujimoto YAMASHITA MORI#page1.tif	
source=2 Assignment for Fujimoto YAMASHITA MORI#page2.tif	
source=2 Assignment for OKA#page1.tif	

ASSIGNMENT

The undersigned, hereinafter referred to collectively as "Assignor," has an interest in the invention(s) (the "Invention(s)") set forth in an application for patent of the United States or in an International application, entitled:

LED Module and Method for Manufacturing LED Module

which names the undersigned inventor(s) and is a:

- (1) ☐ Provisional Patent Application No. _____;
- (2) ☒ Non-Provisional Application
 - (a) ☐ along with a Declaration signed today with this assignment;
 - (b) ☐ where the Declaration was signed on _____; or
 - (c) ☒ filed on March 23, 2016, and assigned Serial No. _____ or PCT International Application No. PCT/JP2016/059128.

In consideration of promises and/or other good and valuable considerations, the receipt and sufficiency of which is hereby acknowledged, the undersigned, who have made a certain new and useful invention(s), hereby sell, assign and transfer unto

TORAY ENGINEERING CO., LTD.

having an address at Yaesu Ryumeikan Bldg., 3-22, Yaesu 1-chome, Chuo-ku, Tokyo 103-0028, Japan, its successors and assigns (hereinafter designated "Assignee") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention described in the application for patent identified in (1) or (2).

Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, to:

- (a) the Invention(s);
- (b) the application for patent identified in (1) or (2) above;
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including the right to claim priority and all other rights under the laws of the United States, other countries, the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in (1) or (2) above, including any non-provisional application(s), international applications, division(s), continuation(s), and continuations-in-part;
- (f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and
- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment.

Assignor agrees to cooperate with Assignee and its successors and execute all instruments or documents requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to the following: provisional, continuation, continuation-in-part, divisional, renewal or substitute, reissue, re-examination, or extension. Assignor agrees to cooperate with Assignee and its successors in any litigation regarding the invention, patents or applications regarding the invention, and render all necessary assistance deemed essential to Assignee's or its successor's full protection and title in and to the Invention hereby transferred without further or other compensation than that provided in this Assignment; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said Assignee.

Assignor requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and request that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications, issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

Assignor hereby grants the firm of MUIR PATENT LAW, PLLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of any issuing authority, including the United States Patent and Trademark Office, for recordation of this document.

Inventor/Assignor Signatures:

Takayoshi Fujimoto (signature)
Assignor 1: **Takayoshi FUJIMOTO**

August 7, 2017
Date

Masamichi Yamashita (signature)
Assignor 2: **Masamichi YAMASHITA**

August 7, 2017
Date

Masaki Mori (signature)
Assignor 3: **Masaki MORI**

August 7, 2017
Date

____ (signature)
Assignor 4: **Yutaka OKA**

Date

ASSIGNMENT

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- (a) the Invention(s);
- (b) the application for patent identified in (1) or (2) above;
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including the right to claim priority and all other rights under the laws of the United States, other countries, the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in (1) or (2) above, including any non-provisional application(s), international applications, division(s), continuation(s), and continuations-in-part;
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- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

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Inventor/Assignor Signatures:

_____(signature)
Assignor 1: **Takayoshi FUJIMOTO**

Date

_____(signature)
Assignor 2: **Masamichi YAMASHITA**

Date

_____(signature)
Assignor 3: **Masaki MORI**

Date

Yutaka Oka_____(signature)
Assignor 4: **Yutaka OKA**

August 7. 2017
Date