

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4835141

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GEOFFREY J.S. SUPRAN	02/16/2018
KATHERINE W. SONG	02/16/2018
GYUWEON HWANG	02/14/2018
RAOUL EMILE CORREA	02/16/2018
YASUHIRO SHIRASAKI	02/14/2018
MOUNGI G. BAWENDI	02/16/2018
VLADIMIR BULOVIC	02/16/2018
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Postal Code:	02142
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	14101867
Application Number:	61735344
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NAME OF SUBMITTER:	LINDA M FIELDING
SIGNATURE:	/Linda M. Fielding/

PATENT

DATE SIGNED:	02/22/2018
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Total Attachments: 9

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BASSIGNMENT

For valuable consideration, we, Geoffrey J.S. SUPRAN of Cambridge, MA, Katherine W. SONG of Cambridge, MA, Gyuweon HWANG of Cambridge, MA, Raoul Emile CORREA of West Hartford, CT, Yasuhiro SHIRASAKI of Tokyo, JP, Moungi G. BAWENDI of Cambridge, MA, Vladimir BULOVIC of Lexington, MA, and Jennifer Scherer of Cambridge, MA; hereby assign to: Massachusetts Institute of Technology, a corporation of Massachusetts, having a place of business at 77 Massachusetts Avenue, Cambridge, MA 02142; its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of applications for United States Patent signed by us, entitled NEAR-INFRARED LIGHT EMITTING DEVICE USING SEMICONDUCTOR NANOCRYSTALS, filed December 10, 2013, and assigned U.S. Application Number 14/101,867, and entitled HIGH EFFICIENCY AND BRIGHTNESS NEAR-INFRARED QUANTUM-DOT LEDS USING CORE-SHELL (PBS-CDS) COLLOIDAL QUANTUM-DOTS, filed December 10, 2012, and assigned U.S. Application Number 61/735,344, we authorize and request the attorneys appointed in said applications to hereafter complete these assignments by inserting above the filing date and serial number of said applications when known; these assignments including said applications, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully these assignments.

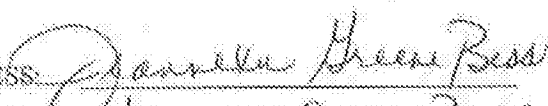
Inventor Signature:  Date: 02/16/18

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Signature witnessed by:


2/16/18
Date

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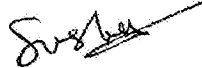
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G.M. [Signature] Feb. 14. 2018

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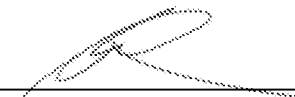
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Inventor Signature:  _____ Date: 2/16/2018

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Inventor Signature: *Moungi G. Bawendi* Date: 2/16/2018

Printed Name: Moungi G. BAWENDI

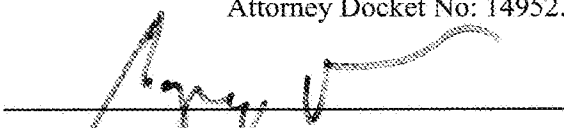
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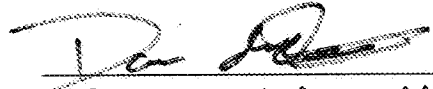
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Inventor Signature: _____ Date: _____

Printed Name: Jennifer Scherer

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Signature witnessed by:

Date

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Address: _____

Signature witnessed by:

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