

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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JOHN LEWIS	02/18/2014
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PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	13499038
PCT Number:	US1050731
Application Number:	61312494
Application Number:	61246679
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DATE SIGNED:	03/10/2014
Total Attachments: 2	
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PATENT
REEL: 032388 FRAME: 0643

Assignment of Provisional Application

WHEREAS, I (WE) Ethan Klem of Durham, North Carolina
 John Lewis of Durham, North Carolina

, respectively

have invented certain new and useful improvements in: QUANTUM DOT-FULLERENE JUNCTION BASED PHOTODETECTORS

For which Application was made on March 29, 2012, as U.S. Utility Patent Application No. 13/499038, and/or Patent Cooperation Treaty Application No. PCT/US10/50731 filed September 29, 2010, and which claims priority from U.S. Provisional Patent Applications 61/312494 filed on March 10, 2010 and 61/246,679 filed on September 29, 2009, and

WHEREAS, Research Triangle Institute

(hereinafter referred to as "ASSIGNEE") having a place of business at: P.O. Box 12194, 3040 Cornwallis Road, Research Triangle Park NC, 27709 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

OLG 121/22 UTIL (10P009)

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representative any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, in (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Olive Law Group, PLLC, of 125 Edinburgh South Drive, Suite 100, Cary, NC 27511 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

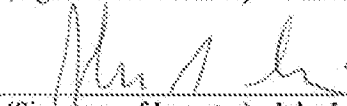
Date:

3/6/14


(Signature of Inventor) Ethan Klem

Date:

2/18/14


(Signature of Inventor) John Lewis

Date:

Date:

Date:

Date: