503763298 03/31/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MERRY A. KOSCHAN	03/28/2016
CHARLES L. MELCHER	03/28/2016

RECEIVING PARTY DATA

Name:	UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION
Street Address:	600 HENLEY STREET
City:	KNOXVILLE
State/Country:	TENNESSEE
Postal Code:	37996

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15048161

CORRESPONDENCE DATA

Fax Number: (407)243-3175

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 407-736-2472

Email: IPDadmin.us@siemens.com

Correspondent Name: SANDRA BAKER

Address Line 1: 3501 QUADRANGLE BLVD STE 230

Address Line 2: SIEMENS CORPORATION, IP DEPARTMENT

Address Line 4: ORLANDO, FLORIDA 32817

ATTORNEY DOCKET NUMBER:	2015P03321US01	
NAME OF SUBMITTER:	LINDA DONNELLY	
SIGNATURE:	/LINDA DONNELLY/	
DATE SIGNED:	03/31/2016	

Total Attachments: 2

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PATENT 503763298 REEL: 038161 FRAME: 0818

For good and valuable consideration, I (We),

Merry A. Koschan, residing at 912 Baylor Circle, Knoxville, TN 37923, US, citizen of US Charles L. Melcher, residing at 14 Rivers Run Blvd., Oak Ridge, TN 37830, US, citizen of US hereafter individually or collectively referred to as "Assignor(s)";

Hereby, (I) acknowledge having previously assigned, sold and transferred to University of Tennessee Research Foundation, a not-for-profit corporation organized and existing under the laws of UNITED STATES OF AMERICA, having its principal place of business at 600 Henley Street, Knoxville, TN, 37996, hereinafter "Assignee", its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to (A)(i) the laws of UNITED STATES OF AMERICA or (ii) a Patent & Secrecy Agreement or similar legal document such as, without limitation, an employee agreement executed at the time of entering into the employment of, or executed as a condition of continuing employment with, the Assignee or a predecessor of the Assignee, the entire right, including any and all priority rights, title and interest, in and for the United States and all foreign countries, in and to any and all inventions or improvements which are disclosed in an invention disclosure and/or in the below-identified documents currently filed with this Assignment, already filed or granted for Letters Patent (in which case, any provision of the subject Assignment that is in conflict with or is in addition to any provision in the prior agreement(s) or assignment(s) then this Assignment shall govern, take precedence, and be of legal effect), or

(B)(i) to the extent such laws of UNITED STATES OF AMERICA or such Patent & Secrecy Agreement or similar legal document failed or fails, in whole or part, to have assigned, sold or transferred the entire right (including priority rights), title and interest, in and for the United States and all foreign countries, in and to all inventions or improvements which are disclosed in the below-identified application(s) or pending application(s) or granted Letters Patent, or (ii) if no such agreement(s) exist assigning, selling or transferring any such right (including priority rights), title or interest; then for good and valuable consideration, Assignor(s) now and hereby, effective Nunc Pro Tunc on the filing date of the below identified patent application(s), pending patent application(s) or granted Letter Patent(s), assign, sell and transfer(s) to Assignee, its successors, assigns and legal representatives, the entire right, (including all priority rights), title and interest in and for the United States and all foreign countries, in and to any and all inventions and/or improvements which are disclosed in the following identified; patent application(s), pending patent application(s) or granted Letter Patent(s)

Patent Application Title: Laser Etched Scintillation Detector Blocks With Internally Created Reflectors

Filing Date: 19 Feb 2016 Filing Number: 15/048,161

Internal Case Number(s): 2015P03321 US01

and in and to said application(s) or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of the inventions and/or improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on the inventions and/or improvements;

(II) Agree that said Assignee may apply for and receive Letters Patent for said inventions and/or improvements in its own name; and that, when requested, without charge to but at the

IDNR: 1930 / 21.05.2015

PATENT REEL: 038161 FRAME: 0819 expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions and/or improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said inventions and/or improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and/or improvements and for vesting title to said inventions and/or improvements and all applications for patents and all patents on said inventions and/or improvements, in said Assignee, its successors, assigns and legal representatives; and

(III) Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Witness Signature	Merry A. Koschan
Luis Stand	3/28/16 Date
1797 V	Charles L Melch
Witness Signature Luis Stand	Charles L. Melcher
printed name	3-28-16
Difficu fiame	Date

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