

PATENT ASSIGNMENT COVER SHEET

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Assignment ID: PATI2230

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Mitchell A. Thornton	01/31/2024
Duncan L. MacFarlane	01/31/2024
Micah A. Thornton	01/31/2024
RECEIVING PARTY DATA	
Company Name:	Southern Methodist University
Street Address:	P.O. Box 750132
City:	Dallas
State/Country:	TEXAS
Postal Code:	75275-0132
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	62822232
Application Number:	16825449
Application Number:	18190848
PCT Number:	US2023684
CORRESPONDENCE DATA	
Fax Number:	2148660010
<i>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.</i>	
Phone:	2148660001
Email:	kthiesse@chalkerflores.com,docket@chalkerflores.com
Correspondent Name:	Edwin S. Flores
Address Line 1:	14841 N Dallas Parkway, Ste. 575
Address Line 4:	Dallas, TEXAS 75254
NAME OF SUBMITTER:	Karen Thiesse
SIGNATURE:	Karen Thiesse
DATE SIGNED:	02/05/2024
Total Attachments: 3	
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ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to **Southern Methodist University** (the "Assignee"), having a place of business at **P.O. Box 750132, Dallas, Texas 75275-0132**, the entire right, title and interest for the United States and all foreign countries in and to any and all inventions, subject matter and improvements disclosed in the following applications:

Country	Application No.	Filing Date	Title:
U.S.	62/822,232	March 22, 2019	Method and system for constructing a multi-source entropy extractor-based quantum photonic TRNG
U.S.	16/825,449	March 20, 2020	Systems and Methods for Multi-Source True Random Number Generators, Including Multi-Source Entropy Extractor Based Quantum Photonic True Random Number Generators
U.S.	18/190,848	March 27, 2023	Systems and Methods for Multi-Source True Random Number Generators, Including Multi-Source Entropy Extractor Based Quantum Photonic True Random Number Generators
PCT	PCT/US20/23684	March 19, 2020	SYSTEMS AND METHODS FOR MULTI-SOURCE TRUE RANDOM NUMBER GENERATORS

(the "Invention"), such applications and any and all divisional, continuing, substitute, renewal, reissue and other applications for patent which have been or shall be filed in the United States and all foreign countries based on the Invention; all original, reissued and reexamined patents which have been or shall be issued in the United States and all foreign countries based on the Invention; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned:

COVENANT, when requested and at the expense of the Assignee, 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 such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.



Mitchell A. Thornton

January 31, 2024

DATE

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.



Duncan L. MacFarlane

1/31/2021

DATE

Micah A. Thornton

DATE

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

Duncan L. MacFarlane

DATE

Micah Andrew Thornton

01-31-2024

Micah A. Thornton

DATE