

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT6675192

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ROSS S. FONTENOT	03/23/2021
VEERENDRA K. MATHUR	04/15/2021
JOHN H. BARKYOUMB	03/22/2021
RECEIVING PARTY DATA	
Name:	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY
Street Address:	875 NORTH RANDOLPH STREET, CODE BDCC
Internal Address:	OFFICE OF NAVAL RESEARCH, ONE LIBERTY CENTER
City:	ARLINGTON
State/Country:	VIRGINIA
Postal Code:	22203-1995
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16141910
CORRESPONDENCE DATA	
Fax Number:	
<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>	
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ATTORNEY DOCKET NUMBER:	31,381
NAME OF SUBMITTER:	HOWARD KAISER
SIGNATURE:	/Howard Kaiser/
DATE SIGNED:	04/26/2021
Total Attachments: 3	
source=16141910_104704_Fontenot_et_al_assignment_Fontenot#page1.tif	

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source=16141910_104704_Fontenot_et_al_assignment_Barkyoumb#page1.tif

PATENT

REEL: 056036 FRAME: 0254

**ASSIGNMENT
(Contractor Invention)**

1. TITLE

PHOTOTHERMAL DEFLECTION SPECTROSCOPY METHOD FOR HEATING-COOLING DISCRIMINATION

2. INVENTOR(S) (Names)

Ross S. Fontenot,
Veerendra K. Mathur, and
John H. Barkyoub

3. CONTRACTOR

Ross S. Fontenot (as subcontractor to ASEE, pursuant to Navy contract with ASEE in support of the Postdoctoral Fellowship Program)

4. CONTRACT NO.

5. GOVERNMENT AGENCY

United States Department of the Navy

6. CONTRACTOR INVENTION DOCKET NO.

7. AGENCY DOCKET NO.

Navy Case Number 104,704

8. DATE EXECUTED

9. SERIAL NO.

U.S. patent application 16/141,910

10. FILING DATE

25 September 2018

The undersigned inventor(s), pursuant to the obligation of employee(s) of the Contractor to assign inventions to the Contractor, and pursuant to the obligations of the Contractor to the Government under the above contract, hereby assigns (assign) to the United States of America as represented by the Secretary of the Navy, subject to a revocable, nonexclusive, royalty-free license which is hereby reserved to the Contractor, all right, title and interest in and to each invention disclosed and claimed in the above U.S. patent application.

The license reserved to the Contractor extends to all domestic subsidiaries and affiliates, if any, within the corporate structure of which the Contractor is a part and includes the right to grant sublicenses of the same scope to the extent the Contractor was legally obligated to do so at the time the contract was awarded. The license is transferable only with the approval of the Navy except when transferred to the successor of that part of the Contractor's business to which such invention pertains.

The inventor(s) further agrees (agree) to assist the Contractor, and the Government, upon request, by furnishing any available information and documents, and by performing all acts and doing all things which may be reasonably necessary to obtain a patent on the invention(s).

The Contractor joins in and agrees to the foregoing assignment and, except for the above reservation of a license, relinquishes and assigns all right, title and interest in and to such invention(s), and further agrees to furnish to the United States of America, upon request, any available information and documents necessary for the prosecution of the above-identified application for patent (including prosecution and settlement of interferences), and any other patent application on the invention(s).

X	3/23/2021	ROSS S. FONTENOT	X	<i>Ross Fontenot</i>	(Seal)
	DATE			INVENTOR	
					(Seal)
	DATE			INVENTOR	
					(Seal)
	DATE			INVENTOR	

SIGNED THIS _____ DAY OF _____ 20____

ATTEST:

(Seal)

ROSS S. FONTENOT

CONTRACTOR

BY X

Ross Fontenot

DATE X

3/23/2021

ASSIGNMENT OF INVENTION

WHEREAS I (we), **Veerendra K. Mathur** of Beltsville, Maryland and **John H. Barkyoumb** of Kensington, Maryland, while employed by the Government of the United States of America, hereinafter referred to as the Government, have made, together with **Ross S. Fontenot**, an invention entitled **PHOTOTHERMAL DEFLECTION SPECTROSCOPY METHOD FOR HEATING-COOLING DISCRIMINATION**, identified as Navy Case Number 104,704 and described in application for Letters Patent of the United States of America serial number 16/141,910, filed on 25 September 2018;

WHEREAS, the conditions under which the invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest therein, including foreign rights;

WHEREAS, the Government desires to obtain the entire right, title and interest in and to the invention disclosed in said application within the United States of America, its territories and possessions and other rights and benefits herein granted; and

WHEREAS, the Government desires an option to obtain the foreign rights in and to the invention;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, I (we) hereby assign and transfer to the United States of America as represented by the Secretary of the Navy the entire right, title, and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title, and interest in and to said application and any continuation, division or substitution thereof, and such Letters Patent as may issue therefrom and any reissue or extensions thereof, said invention, application and Letters Patent to be held by the United States of America as represented by the Secretary of the Navy to the 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 not been made.

I (We) do hereby also grant to the Government, the option to take the entire right, title, and interest in and to the invention and all patent applications, patents and other forms of protection thereon in countries foreign to the United States of America within eight months of the filing date of any application for United States Letters Patent covering the invention; such option to be exercised by a written notification to me (us) within such eight months identifying the specific foreign countries in which the Government will file or cause to be filed an application for patent or other form of protection on the invention; and that the rights in the foreign countries not exercised under the option are left to me (us) subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on the invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

I (We) hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements or other instruments that may be necessary in the prosecution of the application and any continuation, division, or substitution of the application, or any application for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

IN TESTIMONY WHEREOF, I (we) have set my (our) hand(s) and affixed my (our) seal(s).

X April 15, 2021
Date

X Vkmathur Seal
VEERENDRA K. MATHUR

X _____
Date

X _____ Seal
JOHN H. BARKYOUMB

ASSIGNMENT OF INVENTION

WHEREAS I (we), **Veerendra K. Mathur** of Beltsville, Maryland and **John H. Barkyoubm** of Kensington, Maryland, while employed by the Government of the United States of America, hereinafter referred to as the Government, have made, together with **Ross S. Fontenot**, an invention entitled **PHOTOTHERMAL DEFLECTION SPECTROSCOPY METHOD FOR HEATING-COOLING DISCRIMINATION**, identified as **Navy Case Number 104,704** and described in application for Letters Patent of the United States of America serial number 16/141,910, filed on 25 September 2018;

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WHEREAS, the Government desires an option to obtain the foreign rights in and to the invention;

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I (We) do hereby also grant to the Government, the option to take the entire right, title, and interest in and to the invention and all patent applications, patents and other forms of protection thereon in countries foreign to the United States of America within eight months of the filing date of any application for United States Letters Patent covering the invention; such option to be exercised by a written notification to me (us) within such eight months identifying the specific foreign countries in which the Government will file or cause to be filed an application for patent or other form of protection on the invention; and that the rights in the foreign countries not exercised under the option are left to me (us) subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on the invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

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IN TESTIMONY WHEREOF, I (we) have set my (our) hand(s) and affixed my (our) seal(s).

X _____
Date

X 22 March 2021
Date

X _____ Seal

VEERENDRA K. MATHUR
BARKYOUMB.JOH
N.H.1228517492
JOHN H. BARKYOUMB
Seal

Digitally signed by
BARKYOUMB.JOH.N.H.122851749
Date: 2021.03.22 16:19:39 -0400