

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5870852

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOEL ULLOM	12/12/2019
BRADLEY K. ALPERT	12/02/2019
GENE HILTON	12/16/2019
RALPH JIMENEZ	11/26/2019
LUIS MIAJA AVILA	11/27/2019
GALEN O'NEIL	12/16/2019
CARL REINTSEMA	12/10/2019
KEVIN SILVERMAN	12/02/2019
RECEIVING PARTY DATA	
Name:	GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF COMMERCE
Street Address:	NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
Internal Address:	100 BUREAU DRIVE, MS 2200
City:	GAITHERSBURG
State/Country:	MARYLAND
Postal Code:	20899
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15865992
CORRESPONDENCE DATA	
Fax Number:	(301)975-3482
<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:	301-975-2691
Email:	patents@nist.gov
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Address Line 2:	MS 2200
Address Line 4:	GAITHERSBURG, MARYLAND 20899
ATTORNEY DOCKET NUMBER:	17-035US1

NAME OF SUBMITTER:	EILEEN BRIGHT
SIGNATURE:	/Eileen Bright/
DATE SIGNED:	12/17/2019
Total Attachments: 16 source=17-035US1_ALPERT_Assignment#page1.tif source=17-035US1_ALPERT_Assignment#page2.tif source=17-035US1_HILTON_Assignment#page1.tif source=17-035US1_HILTON_Assignment#page2.tif source=17-035US1_JIMENEZ_Assignment#page1.tif source=17-035US1_JIMENEZ_Assignment#page2.tif source=17-035US1_Miaja_Assignment#page1.tif source=17-035US1_Miaja_Assignment#page2.tif source=17-035US1_ONEIL_Assignment#page1.tif source=17-035US1_ONEIL_Assignment#page2.tif source=17-035US1_REINTSEMA_Assignment#page1.tif source=17-035US1_REINTSEMA_Assignment#page2.tif source=17-035US1_SILVERMAN_Assignment#page1.tif source=17-035US1_SILVERMAN_Assignment#page2.tif source=17-035US1_ULLOM_Assignment#page1.tif source=17-035US1_ULLOM_Assignment#page2.tif	

NIST Docket number: 17-035US1

ASSIGNMENT OF PATENT RIGHTS

I, **BRADLEY K. ALPERT**, residing in **BOULDER, CO** invented "**X-RAY SPECTROMETER**" for which has been filed an application for United States Letters Patent, Serial Number 15/865,992 on January 9, 2018.

The invention was made while I was an employee of the United States Department of Commerce and under such circumstances that applicable laws and regulations render the patent rights assignable to the United States. The United States of America, represented by the Secretary of Commerce, wishes to acquire these rights.

Therefore, I assign to the Government of the United States of America as represented by the Secretary of Commerce, my full and exclusive world-wide rights to this invention. As consideration for this Assignment, I will be treated as an inventor whose rights are assigned to the Government of the United States, for royalty sharing purposes, if royalties are ever collected, as explained in Section 3710(c) of Title 15 of the United States Code. This invention and its derivative applications in the United States Patent and Trademark Office and United States Letters Patent are to be held by the United States of America for the full term for which such Letters Patent may be granted as completely as they would have been held by me had I not made this assignment.

I agree to make, execute, and deliver to the Secretary of Commerce all documents in such usual

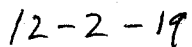
or other forms, terms, or contents as may be required by the Secretary for the prosecution of all applications arising from this invention, as well as after issuance of Letters Patent, and for the settlement of any derivation proceeding, post-grant review, or other action or proceeding, these applications and Letters Patent may encounter. I will aid the United States of America in every way to protect the invention as requested by the Secretary, except that any expenses arising through such assistance will be borne, through proper arrangement, by the United States of America.

I warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements, oral, written, or implied, that will impair the interests conveyed in this assignment at the time I execute this instrument.

IN TESTIMONY WHEREOF, I sign



BRADLEY K. ALPERT



DATE

NIST Docket number: 17-035US1

ASSIGNMENT OF PATENT RIGHTS

I, **GENE HILTON**, residing in BOULDER, CO invented "X-RAY SPECTROMETER" for which has been filed an application for United States Letters Patent, Serial Number 15/865,992 on January 9, 2018.

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IN TESTIMONY WHEREOF, I sign



GENE HILTON

12/16/19

DATE

NIST Docket number: 17-035US1

ASSIGNMENT OF PATENT RIGHTS

I, **RALPH JIMENEZ**, residing in BOULDER, CO invented “**X-RAY SPECTROMETER**” for which has been filed an application for United States Letters Patent, Serial Number 15/865,992 on January 9, 2018.

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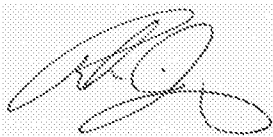
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IN TESTIMONY WHEREOF, I sign



RALPH JIMENEZ

11/26/19

DATE

NIST Docket number: 17-035US1

ASSIGNMENT OF PATENT RIGHTS

I, **LUIS MIAJA AVILA**, residing in LOUISVILLE, CO invented “**X-RAY SPECTROMETER**” for which has been filed an application for United States Letters Patent, Serial Number 15/865,992 on January 9, 2018.

The invention was made while I was an employee of the United States Department of Commerce and under such circumstances that applicable laws and regulations render the patent rights assignable to the United States. The United States of America, represented by the Secretary of Commerce, wishes to acquire these rights.

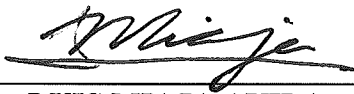
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IN TESTIMONY WHEREOF, I sign



LUIS MIAJA AVILA

11/27/19

DATE

NIST Docket number: **17-035US1**

ASSIGNMENT OF PATENT RIGHTS

I, **GALEN O'NEIL**, residing in BOULDER, CO invented "**X-RAY SPECTROMETER**" for which has been filed an application for United States Letters Patent, Serial Number 15/865,992 on January 9, 2018.

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IN TESTIMONY WHEREOF, I sign



GALEN O'NEIL

16/12/2019

DATE

NIST Docket number: 17-035US1

ASSIGNMENT OF PATENT RIGHTS

I, **CARL REINTSEMA**, residing in **BOULDER, CO** invented "**X-RAY SPECTROMETER**" for which has been filed an application for United States Letters Patent, Serial Number 15/865,992 on January 9, 2018.

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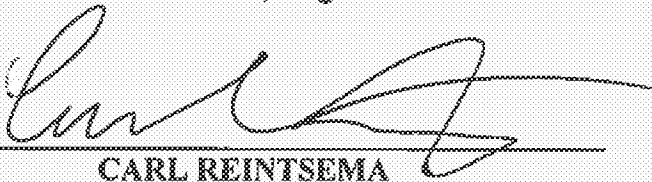
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IN TESTIMONY WHEREOF, I sign



CARL REINTSEMA

12/10/19

DATE

NIST Docket number: 17-035US1

ASSIGNMENT OF PATENT RIGHTS

I, **KEVIN SILVERMAN**, residing in BOULDER, CO invented “**X-RAY SPECTROMETER**” for which has been filed an application for United States Letters Patent, Serial Number 15/865,992 on January 9, 2018.

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IN TESTIMONY WHEREOF, I sign



KEVIN SILVERMAN

12/2/2019

DATE

NIST Docket number: 17-035US1

ASSIGNMENT OF PATENT RIGHTS

I, JOEL ULLOM, residing in BOULDER, CO invented "X-RAY SPECTROMETER" for which has been filed an application for United States Letters Patent, Serial Number 15/865,992 on January 9, 2018.

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JOEL ULLOM

12/12/2019
DATE