505643774 08/28/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5690580

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN H. LEHMAN	07/30/2019
MATTHEW T. SPIDELL	08/28/2019
JOSHUA A. HADLER	07/30/2019
PAUL A. WILLIAMS	08/15/2019

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:	16520643

CORRESPONDENCE DATA

Fax Number: (301)975-3482

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.

301-975-2691 Phone: Email: patents@nist.gov

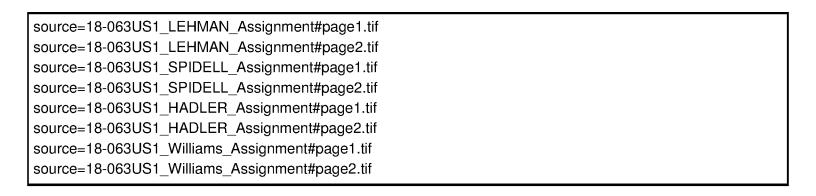
Correspondent Name: NIST (EILEEN BRIGHT) Address Line 1: **100 BUREAU DRIVE**

Address Line 2: MS 2200

Address Line 4: GAITHERSBURG, MARYLAND 20899

NAME OF SUBMITTER:	EILEEN BRIGHT
SIGNATURE:	/Eileen Bright/
DATE SIGNED:	08/28/2019

Total Attachments: 8



ASSIGNMENT OF PATENT RIGHTS

I, JOHN H. LEHMAN, residing in BOULDER, CO invented "NON-ATTENUATING METER FOR DETERMINING OPTICAL ENERGY OF LASER LIGHT" for which has been filed an application for United States Letters Patent, Serial Number 16/520,643 on July 24,

2019.

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

JOHN H. LEHMAN

30 July DAPE

ASSIGNMENT OF PATENT RIGHTS

I, MATTHEW T. SPIDELL, residing in WESTMINSTER, CO invented "NON-

ATTENUATING METER FOR DETERMINING OPTICAL ENERGY OF LASER

LIGHT" for which has been filed an application for United States Letters Patent, Serial Number

16/520,643 on July 24, 2019.

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

MATTHEW T. SPIDELI

78 AUG 2019

ASSIGNMENT OF PATENT RIGHTS

I, JOSHUA A. HADLER, residing in LYONS, CO invented "NON-ATTENUATING

METER FOR DETERMINING OPTICAL ENERGY OF LASER LIGHT" for which has

been filed an application for United States Letters Patent, Serial Number 16/520,643 on July 24,

2019.

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.

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

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

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

TOSKITA A HADIED

30 L 2017

DATE

ASSIGNMENT OF PATENT RIGHTS

1, PAUL A. WILLIAMS, residing in ERIE, CO invented "NON-ATTENUATING METER

FOR DETERMINING OPTICAL ENERGY OF LASER LIGHT" for which has been filed

an application for United States Letters Patent, Serial Number 16/520,643 on July 24, 2019.

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

PATENT

REEL: 050196 FRAME: 0868

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

PAULA. WILLIAMS

NATE

PATENT REEL: 050196 FRAME: 0869

RECORDED: 08/28/2019