506860733 09/09/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6907553

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN A. RUSSO	03/27/2019
MARC S. LITZ	03/27/2019

RECEIVING PARTY DATA

Name:	THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE ARMY
Street Address:	101 ARMY PENTAGON
City:	WASHINGTON
State/Country:	D.C.
Postal Code:	20310

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17363886

CORRESPONDENCE DATA

Fax Number: (301)394-3972

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.

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Email: nadine.l.loman.civ@army.mil

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Address Line 4: ADELPHI, MARYLAND 20783

ATTORNEY DOCKET NUMBER:	ARL 18-09D
NAME OF SUBMITTER:	NADINE L. LOMAN
SIGNATURE:	/Nadine L. Loman/
DATE SIGNED:	09/09/2021

Total Attachments: 5

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PATENT 506860733 REEL: 057427 FRAME: 0929

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PATENT REEL: 057427 FRAME: 0930

ASSIGNMENT AND AGREEMENT

Title of Invention: Electrophoretic Deposition (EPD) of Radioisotope and Phosphor Composite Layer for Hybrid Radioisotope Batteries and Radioluminescent Surfaces

0/00/0004

Inventor(s): John A. Russo, Marc S. Litz, William B. Ray, III

Date Declaration Executed: 3/27/19, 3/26/19

	17/363,886	6/30/2021	
*Application Serial No.: (*I (IVe) herby authori	16/366,792 *Fi	ling Date: 3/27/2019 I number and filing date of s	Docket No.: ARL 18-09D aid application be added when known.)
		he rights of the Government ed invention was made, here	of the United States acquired by virtue by:
and interest throughout t	he United States, its Ter n for patent and all Lette	ritories, Possessions, and Puers Patent issuing thereon, an	etary of the Army, my entire right, title, erto Rico, in and to the above-entitled d any continuation or division of said
which the Government, cause an application to be any particular foreign cointerest in the invention free license to the Government.	within eight months of t e filed; provided that if untry or fails to make si in such foreign country nment in any patent in v	he filing of the United States the Government determines uch a determination, within t shall remain in me, subject to which may issue on the inver	e invention in those foreign countries in application for patent, determines to not to cause an application to be filed in the said eight months, all right, title and to a nonexclusive, irrevocable, royaltytion in such foreign country, including therance of the foreign policies of the
to the prosecution of pater recording of title to pater	ent applications on the interior applications and pater	nvention, the prosecution an nts issuing thereon.	cute any further documents necessary d settlement of interferences and
Signature of Inventor:	Wa	1	Puras July
ber .ccc	(First name)	(Middle Initial)	CLast Name)
Duty Address: Army Re	esearch Laboratory, Ade (Locality)	elphi, Montgomery (County)	Maryland (State)
Date: 3/19/2019	Typed nam	e of Inventor: John A. R	usso
	****	notarizing preferred)*****	***
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(SEAL)			10/01
		My Commission expir	es on
		Page 1 of 2	

PATENT REEL: 057427 FRAME: 0931

Signature of Inventor:	<u> </u>	ZJ	A Municipal Control
	(First name)	(Middle Initial)	(Last Name)
Duty Address: Army R	tesearch Laboratory, Adelphi	, Montgomery	Maryland
A	, (Locality)	(County)	(State)
Date: 3/27/	Typed name of	Inventor: Marc S. Litz	
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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5453648 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN A. RUSSO	03/27/2019
MARC S. LITZ	03/27/2019

RECEIVING PARTY DATA

Name:	THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE ARMY
Street Address:	101 ARMY PENTAGON
City:	WASHINGTON
State/Country:	D.C.
Postal Code:	20310

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16366792

CORRESPONDENCE DATA

Fax Number: (301)394-3972

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.

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Address Line 4: ADELPHI, MARYLAND 20783

ATTORNEY DOCKET NUMBER: ARL 18-09

NAME OF SUBMITTER: NADINE L. LOMAN

SIGNATURE: /Nadine L. Loman/

DATE SIGNED: 04/02/2019

Total Attachments: 2

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PATENT 505406854 REEL: 0587429 FRAME: 0996

ASSIGNMENT AND AGREEMENT

Title of Invention: Electrophoretic Deposition (EPD) of Radioisotope and Phosphor
Composite Layer for Hybrid Radioisotope Batteries and
Radioluminescent Surfaces

Inventor(s): John A. Russo, Marc S. Litz, William B. Ray, III

Date Declaration Executed: 3/27/19, 3/26/19

*Application Serial No.:	16/366.792 *Fil	ing Pate: 3/27/2019	Docket No.: ARL 18-09
			aid application be added when known.)
		ne rights of the Government ed invention was made, here	of the United States acquired by virtue by:
and interest throughout th	he United States, its Ten I for patent and all Lette	ritories, Possessions, and Purs Patent issuing thereon, an	etary of the Army, my entire right, title, erto Rico, in and to the above-entitled d any continuation or division of said
which the Government, version to be any particular foreign cointerest in the invention if free license to the Government.	vithin eight months of the filed; provided that if the filed; provided that if the file to make sument foreign country such foreign country sument in any patent in w	ne filing of the United States the Government determines che a determination, within the shall remain in me, subject to thich may issue on the invention.	e invention in those foreign countries in application for patent, determines to not to cause an application to be filed in the said eight months, all right, title and to a nonexclusive, irrevocable, royaltytion in such foreign country, including therance of the foreign policies of the
	ent applications on the ir	evention, the prosecution and	cute any further documents necessary I settlement of interferences and
Signature of Inventor:	M		Puras 4
acc.	(First name)	(Middle Initial)	(Last Name)
Duty Address: Army Re	search Laboratory, Ade (Locality)	iphi, Montgomery (County)	Maryland (State)
Date: 3/19/2019	Typed name	e of Inventor: John A. Ri	1580
State of: Maryland County of: Montgome	*********() i	notarizing preferred)***** re acknowledgement is taker	***
	y appeared before me ar	id acknowledged to me that	cribed in and who executed the the same as his own free act and deed.
and the second		Tina	H. Buchanan
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(SEAL)		My Commission expire	10/01
		Page 1 of 2	managhanipanin

PATENT REEL: 058729 FRAME: 0997

Signature of Inventor: (First name)	(Middle Initial)	(Last Name)
, .	•	,
Duty Address: Army Research Laboratory, Ac	delphi, Montgomery	Maryland
ှ (Locality)	(County)	(State)
Date: 3/27/19 Typed na	me of Inventor: Marc S. Litz	
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State of: Maryland SS.		
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County of:Montgomery) [place w/ On the above dateMarc S. Litz_ foregoing instrument duly appeared before me	known to me to be the individual descri and acknowledged to me that the same	
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County of:Montgomery) [place w/ On the above dateMarc S. Litz_ foregoing instrument duly appeared before me	known to me to be the individual descri and acknowledged to me that the same official seal. Tina H. Bucha	as his own free act and do
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