504308043 04/05/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4354724

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MR. DAVID J. SPRY	02/18/2017
MR. PHILIP G. NEUDECK	02/17/2017

RECEIVING PARTY DATA

Name:	US GOVT ADMINISTRATOR OF NASA
Street Address:	300 E STREET, SW
City:	WASHINGTON
State/Country:	D.C.
Postal Code:	20546-0001

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15438077

CORRESPONDENCE DATA

Fax Number: (216)433-6790

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.

Phone: 216-433-3663

Email:robert.earp@nasa.govCorrespondent Name:ROBERT H. EARP, IIIAddress Line 1:21000 BROOKPARK ROAD

Address Line 2: MAIL STOP 142-7

Address Line 4: CLEVELAND, OHIO 44135

ATTORNEY DOCKET NUMBER:	LEW 19386-1
NAME OF SUBMITTER:	ROBERT H. EARP, III
SIGNATURE:	/Robert H. Earp, III/
DATE SIGNED:	04/05/2017

Total Attachments: 3

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PATENT 504308043 REEL: 041862 FRAME: 0266

RECORDATION FORM COVER SHEET					
PATENTS ONLY					
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.					
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)				
	Name: United States Government Administrator of National Aeronautics an Space Administration				
David J. Spry	Internal Address:				
Additional name(s) of conveying party(ies) attached?					
3. Nature of conveyance/Execution Date(s):	Street Address: 300 E Street, SW				
Execution Date(s)					
Assignment Merger					
Security Agreement Change of Name	City: Washington				
Joint Research Agreement	State: DC				
Government Interest Assignment	Country: USA Zip: 20546-0001				
Executive Order 9424, Confirmatory License	Zip. 20040 0001				
Other	Additional name(s) & address(es) attached? Yes No				
	document serves as an Oath/Declaration (37 CFR 1.63).				
A. Patent Application No.(s)	B. Patent No.(s)				
15/400 077					
15/438,077					
Additional numbers at	ached? Yes No				
5. Name and address to whom correspondence	6. Total number of applications and patents				
5. Name and address to whom correspondence concerning document should be mailed:					
5. Name and address to whom correspondence concerning document should be mailed: Name: Robert H. Earp, III	6. Total number of applications and patents				
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:				
5. Name and address to whom correspondence concerning document should be mailed: Name: Robert H. Earp, III Internal Address: MS 142-7	6. Total number of applications and patents Involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged to deposit account				
5. Name and address to whom correspondence concerning document should be mailed: Name: Robert H. Earp, III	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged to deposit account Enclosed				
5. Name and address to whom correspondence concerning document should be mailed: Name: Robert H. Earp, III Internal Address: MS 142-7 Street Address: 21000 Brookpark Road	6. Total number of applications and patents Involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$				
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5. Name and address to whom correspondence concerning document should be mailed: Name: Robert H. Earp, III Internal Address: MS 142-7 Street Address: 21000 Brookpark Road City: Cleveland State: OH Zip: 44135	6. Total number of applications and patents Involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$				
5. Name and address to whom correspondence concerning document should be mailed: Name: Robert H. Earp, III Internal Address: MS 142-7 Street Address: 21000 Brookpark Road City: Cleveland	6. Total number of applications and patents Involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information Deposit Account Number 14-0116				
5. Name and address to whom correspondence concerning document should be mailed: Name: Robert H. Earp, III Internal Address: MS 142-7 Street Address: 21000 Brookpark Road City: Cleveland State: OH Zip: 44135 Phone Number: (216) 433-3663	6. Total number of applications and patents Involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$				
5. Name and address to whom correspondence concerning document should be mailed: Name: Robert H. Earp, III Internal Address: MS 142-7 Street Address: 21000 Brookpark Road City: Cleveland State: OH Zip: 44135 Phone Number: (216) 433-3663 Docket Number: LEW 19386-1	6. Total number of applications and patents Involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information Deposit Account Number 14-0116				
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PATENT REEL: 041862 FRAME: 0267

RECORDATION FORM COVER SHEET PATENTS ONLY

Continuation of the information for item one Name of conveying parties

Additional names of conveying parties:

Philip G. Neudeck

PATENT REEL: 041862 FRAME: 0268



Assignment to the Government (by Government Employee)							
Title of Invention:	Larger-Area Integrated Electrical Metallization Dielectric Structures with Stress- Managed Unit Cells for More Capable Extreme Environment Semiconductor Electronics						
Inventor(s):	, , , , ,	hilip G. Neudeck	· ·				
NASA Case No.:	1.EW 19386-1	Application No.*:	15/4/38,077	Filing Date*:	02/21/2017		
	nies to this Assignmen	it and Agreement are	the undersigned inver dministrator of the Nati	nor(s) and the U	Inited States		
WHEREAS, the ma	iking of this Assignme	nt and Agreement is	in accordance with 37	CFR Part 501; a	ınd		
	dersigned inventor(s) l e above-entitled inven		on the date(s) indicate	id below, an app	dication for United		
 Assign to the America, its territor 	e Government my (our es and possessions, a) full and exclusive ri ind my (our) entire ri	overnment, the unders ght in and to said inver ght, title and interest in y palent(s) that may iss	ition within the U and to said app			
accordance with 37 amended, If the Go country, in accorda nonexclusive, irrev	CFR 501.9(d), including vernment chooses not come with 37 CFR 501.5 cable, royalty-free lice	ing rights of priority u t to file an application 3(d), and such rights ense in the invention	lusive foreign rights in a nder the International C in any foreign country will be subject to the re with power to grant lice acticable, in any foreign	Convention of Pa , I (we) may requestry servation to the mass for all gove	aris (1883), as uest rights in that Government of a ernmental		
information to, and	expense of the Gove (c) to cooperate in any by this Assignment an	manner with the Go	te any document for, (b overnment in order to al) to deliver any low the Governr	requested ment to protect any		
*4. Authorize ar	nd request the attorney	rs of record in the ap	plication to insert the a	pplication numbe	er and filing date		
above when require Sovid 1	o. <u>Izanj</u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2/18/2017 ate Assignment Executed	7 00/	21/2017		
	9				ication Executed)		
David J. Spry (Inventor's Typed Ne	ms)		estone Way, Medina, (ress - Including Country)	0H 44256, US			
LALL L (Signature of Invento	2. 12. deck		UN 2012 ate Assignment Executed	<u> </u>	11/2017 (cation Executed)		
Philip G. Neudeck	7		ady Road, Olmsted To		ž.		
(inventor's Typed Na	me)		ress - Indiuding Country)				

(Date Assignment Executed)

(Mailing Address - Including Country)

NASA FORM 430 DEC 2000 PREVIOUS EDITIONS ARE OBSOLETE.

PATENT REEL: 041862 FRAME: 0269

(Date Application Executed)

RECORDED: 04/05/2017

(Signature of Inventor)

(inventor's Typed Name)