501842304 03/06/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Joycelyn S. Harrison	04/07/2011
Michael W. Smith	04/08/2011
Sharon E. Lowther	04/07/2011

RECEIVING PARTY DATA

IIName.	United States of America as represented by the Administrator of the National Aeronautics and Space Administration
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State/Country:	DISTRICT OF COLUMBIA
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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12925047	

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ATTORNEY DOCKET NUMBER: LAR 17830-1

NAME OF SUBMITTER: Robin W. Edwards

Total Attachments: 2 source=1075424#page1.tif source=1075424#page2.tif

> PATENT REEL: 027809 FRAME: 0150

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Assignment to the Government (by Government Employee)

Title of Invention:	Energy Conversion Materials Fabricated with Boron Nitride Nanotubes (BNNTs) and BNNT					
	Polymer Composites					
inventor(s):	Jin Ho Kang, Cheol Par	rk. Joycelyn S. Ha	rrison, Michael W	Smith_Sharon F	Lowther iscaling	
	Kim and Godfrey Sauti					
NASA Case No.:	LAR-17830-1 Ap	opication No.*:	12/925.047	Filing Date*	10/13/2010	
WHEREAS, the par Government (hereal Administration;	ties to this Assignment ar ter Government), as repri	nd Agreement are esented by the Ad	the undersigned in Iministrator of the M	iventor(s) and the translational Aeronautic	inited States is and Space	
WHEREAS, the mail	ting of this Assignment a	nd Agreement is i	n accordance with	37 CFR Parl 501, a	ind	
WHEREAS, the und States Patent on the	ersigned inventor(s) has above-entitled invention.	(have) executed.	on the date(s) indic	aled below, an app	olication for United	
America, its territorie	in consideration of empl Government my (our) full is and possessions, and in nuation or divisional appli	i and exclusive rig	ht in and to said in	vention within the t	Inited States of lication, and any	
Government choose accordance with 37 irrevocable, royally-f such reservation will 3. Agree, at the information to, and (c	to the Government my (), including rights of prior s not to fite an application cont to fite an application for 501.9(d), and such ree license in the invention appear, where practicable expense of the Government by this Assignment and Ag	ity under the inter in any foreign co- ights will be subje- in with power to gr (e, in any foreign p ent, (a) to execute	national Convention unity. I (we) may rect to the reservation and ticenses for all ratent which may is	n of Paris (1883), a equest rights in the in to the Governme governmental purp sue on such inven	is amended if the tountry, in no of a nonexclusive coses. The terms of tion	
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Signature of Inventors		(Date	4/7/[/ Absignment Execute	rå /Date Analie	stron Executed	
oycelvn S. Harrison			nd Road, Arlington		enois exaching	
inventors Typed Name	1	(Mailing Address	- Including Country)	T. TTE BEGUS		
Molar 7	h. c		11/0/4			
preture of Inversion			7/8/11	<i>X</i>		
Aichael W. Shith			Assignment Executes		nion Executed)	
		622 Guy Lane,	Newport News, V	A 23602		
Inventor's Typed Name	1	(Mailing Address	· Including Country)			
Signature of Inventor)	The state of the s	(Dale)	seignment Executed	Dote Applica	lian Executed)	
haron fi. Lowther			ve, Hampton, VA 2		every	
ovenlor's Typed Name)		(Mailing Address	· Including Country)			
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JEFFERSON LAB

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Assignment to the Government (by Government Employee)

Title of Invention:	Energy Conversion	Energy Conversion Materials Fabricated with Boron Nitride Nanotubes (BNNTs) and BNNT						
	Polymer Composites							
Inventor(s):	Jin Ho Kang, Chec	Jin Ho Kang, Cheol Park, Joycelyn S. Harrison, Michael W. Smith, Sharon E. Lowther, Jae-Woo Kim and Godfrey Sauti						
	Kim and Godfrey S							
NASA Case No.:	LAR-17830-1	Application No.*:	12/925,047	Filing Date*:	10/13/2010			
			re the undersigned in Administrator of the N					
WHEREAS, the ma	king of this Assignme	ent and Agreement is	s in accordance with 3	37 CFR Part 501; a	and			
	dersigned inventor(s) e above-entitled inve		d, on the date(s) indica	ated below, an app	olication for United			
Assign to the America, its territor	e Government my (ou ies and possessions,	ir) full and exclusive and my (our) entire	Sovernment, the unde right in and to said inv right, title and interest ny patent(s) that may	rention within the U in and to said app	United States of Ulication, and any			
with 37 CFR 501.9(Government choos accordance with 37 irrevocable, royalty	(d), including rights of es not to file an appli (CFR 501.9(d), and s -free license in the in	f priority under the In cation in any foreign such rights will be su vention with power to	clusive foreign rights i ternational Convention country, I (we) may re bject to the reservatio o grant licenses for all n patent which may is	n of Paris (1883), a equest rights in tha n to the Governme governmental pur	as amended. If the t country, in ent of a nonexclusive poses. The terms of			
information to, and	e expense of the Gov (c) to cooperate in ar by this Assignment a	ny manner with the G	ute any document for, Sovernment in order to	(b) to deliver any allow the Govern	requested ment to protect any			
*4. Authorize ar above when require		eys of record in the a	pplication to insert the	application numb	er and filing date			
(Signature of Invento	r)	(<i>E</i>	Pate Assignment Execute	ed) (Date Applic	cation Executed)			
Joycelyn S. Harriso		6104 Nortl	n 22nd Road, Arlingto	n. VA 22205				
(Inventor's Typed Na.			dress - Including Country					
(Signature of Invento	r)	(E	ate Assignment Execute	rd) (Date Applie	cation Executed)			
Michael W. Smith		622 Guy L	ane, Newport News, V	/A 23602				
(inventor's Typed Na	me)	(Mailing Add	lress - Including Country)				
Aharon E	e Huther		4-7-2011					
(Signature of Inventor	7)	(C	ate Assignment Execute	d) (Date Applic	cation Executed)			
Sharon E. Lowther		terreducerania and the control of th	Drive, Hampton, VA					
(Inventor's Typed Nai	me)	(Mailing Add	fress - Including Country)				

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RECORDED: 03/06/2012