PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Dennis C. Working	03/01/2011
Emilie J. Siochi	02/28/2011
Joycelyn S. Harrison	04/06/2011

RECEIVING PARTY DATA

Name:	United States of America as represented by the Administrator of the National Aeronautics and Space Administration
Street Address:	300 E. Street SW
City:	Washington
State/Country:	DISTRICT OF COLUMBIA
Postal Code:	20546

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13032045	

CORRESPONDENCE DATA

Fax Number: (757)864-9190

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 757-864-3226

Email: elaine.c.mcmahon@nasa.gov Correspondent Name: NASA Langley Research Center

Office of Chief Counsel Address Line 1:

Address Line 2: Mail Stop 30

Address Line 4: Hampton, VIRGINIA 23681-2199

ATTORNEY DOCKET NUMBER: LAR 17088-1

NAME OF SUBMITTER: Thomas K. McBride, Jr.

Total Attachments: 2 source=L0098683#page1.tif source=L0098683#page2.tif

> **PATENT** REEL: 026814 FRAME: 0559

501639587



Assignment to the Government (by Government Employee)

		(by Gover	mueur cmb	ioyee,		
Title of Invention:	Nanotubular Toughening Inclusions					
Inventor(s):	Cheol Park, Dennis C. Working, Emilie J. Siochi and Joycefyn S. Harrison					
ι,						
NASA Case No.:	<u>LAR-17088-1</u>	Application No.*:	13/032,045	Filing Date*:	02/22/2011	
	ties to this Assignmei fter Government), as					
WHEREAS, the mal	king of this Assignme	nt and Agreement is	s in accordance with	n 37 CFR Part 501; a	ind	
	lersigned inventor(s) above-entitled inver		I, on the date(s) inc	licated below, an app	olication for United	
 Assign to the America, its territoria 	, in consideration of e Government my (ou es and possessions, nuation or divisional a	r) full and exclusive and my (our) entire a	right in and to said right, title and intere	invention within the Uest in and to said app		
with 37 CFR 501.9(c Government choose accordance with 37 irrevocable, royalty-l	nt to the Government d), including rights of es not to file an applic CFR 501.9(d), and si free license in the inv I appear, where pract	priority under the Int ation in any foreign uch rights will be sut ention with power to	ternational Convent country, I (we) may oject to the reserva grant licenses for	tion of Paris (1883), a request rights in tha tion to the Governme all governmental purp	as amended. If the t country, in int of a nonexclusive poses. The terms of	
information to, and (expense of the Gove c) to cooperate in an oy this Assignment as	y manner with the G				
*4. Authorize and above when required	d request the attorned	ys of record in the a	pplication to insert t	the application numb	er and filing date	
1	10.		/			
16-6.4	mly		har / / //	4 D 4 P 6 4 57		
(Signature of Inventor)	•	1224 NATIO	ate Assignment Exec		cation Executed)	
Dennis C. Working (Inventor's Typed Nan		***************************************	n Street, Norfolk, V		***************************************	
` *		(Mailing Add	ress - Including Court	uy)		
(Signature of Invertion)	inne		187eb 2011	***************************************	***	
-			ate Assignment Exec		cation Executed)	
Emilie J. Siochi	Mika Mika kan Manaka ana ana ana ana ana ana ana ana an		enue, Newport Nev			
(Inventor's Typed Nam	ne)	(Mailing Add	ress - Including Coun	try)		
(Signature of Inventor)		(D	ate Assignment Exec	uted) (Date Applic	cation Executed)	
Joycelyn S. Harrisor			22nd Road, Arling	, , , , , , , , , , , , , , , , , , , ,	,	
(Inventor's Typed Nam			ress - Including Coun			

NASA FORM 430 DEC 2000 PREVIOUS EDITIONS ARE OBSOLETE.



Assignment to the Government (by Government Employee)

Title of Invention:	Nanotubular Toughening Inclusions						
inventor(s):	Cheol Park, Dennis C. Working, Emilie J. Siochi and Joycelyn S. Harrison						
NASA Case No.:	LAR-17088-1	Application No.*:	13/032,045	Filing Date*:	02/22/2011		
WHEREAS, the pai Government (herea Administration,	rties to this Assignment offer Government), as	ant and Agreement a represented by the	re the undersigned Administrator of the	inventor(s) and the U National Aeronautic	Inited States s and Space		
WHEREAS, the ma	iking of this Assignm	ent and Agreement i	s in accordance with	137 CFR Part 501; a	nd		
WHEREAS, the un- States Patent on th	dersigned inventor(s e above-entitled inve) has (have) executed ention.	d, on the date(s) ind	licated below, an app	lication for United		
Assign to the America, its territor	e Government my (or ies and possessions	employment by the our) full and exclusive, and my (our) entire application(s) and a	right in and to said i right, title and intere	invention within the C est in and to said app	Inited States of lication, and any		
with 37 CFR 501.96 Government choos accordance with 37 irrayocable, royalty	(d), including rights o es not to file an appli CFR 501.9(d), and free license in the in	nt my (our) full and ex if priority under the In ication in any foreign such rights will be su wention with power to cticable, in any foreig	ternational Convent country, I (we) may bject to the reserval o grant licenses for i	ion of Paris (1863), a request rights in tha tion to the Governme all governmental puri	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 a by this Assignment	remment, (a) to exec ny manner with the C and Agreement.	ute any document fo Rovernment in order	or, (b) to deliver any to allow the Governi	requested ment to protect any		
*4. Authorize al		eys of record in the a	pplication to insert	the application numb	er and filing date		
			,				
D 16	Ilia	2	No. 1/11				
(Signature of Invento	(1)	(4	Date Assignment Exec	uted) (Date Appli	cation Executed)		
Dennis C. Working	<u>}</u>	1324 Milto	on Street, Norfolk, '	VA 23505			
(Inventor's Typed Na		(Mailing Add	dress - Including Coun	itry)			
mily	anhi		287eb 2011				
(Signature of Inversion			Date Assignment Exec	uted) (Date Applie	cation Executed)		
Emilie J. Siochi	•		enue, Newport Nev				
(Inventor's Typed Na	/ne) ₃ *		dress - Iricluding Coun				
	-1/M	1	100x 10 20	o 1/			
Signature of Invento		<u> </u>	Opril 2c	uted) (Date Applic	cation Executed)		
Joycelan S. Harrise			n 22nd Road, Arling		•		
(Inventor's Typed Na			iress - Including Coun		and a few particular control of the		

NASA FORM 430 DEC 2000 PREVIOUS EDITIONS ARE OBSOLETE.