PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Correct Serial Number. Correct SN is 11/589,011. (Incorrect SN is 11/389,011). previously recorded on Reel 023323 Frame 0078. Assignor(s) hereby confirms the "The undersigned (Michael W. Smith) hereby: (1) assigns to the Government".	

CONVEYING PARTY DATA

Name	Execution Date
Michael W. Smith	09/11/2009

RECEIVING PARTY DATA

IIName:	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:	11589011

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

Address Line 1: Office of Chief Counsel

Address Line 2: Mail Stop 141

Address Line 4: Hampton, VIRGINIA 23681-2199

ATTORNEY DOCKET NUMBER:	LAR 17385-1
NAME OF SUBMITTER:	Helen M. Galus

Total Attachments: 9

PATENT REEL: 024078 FRAME: 0990 11589U **11589**U

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PATENT REEL: 024078 FRAME: 0991 USPTO

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TO: NASA LANGLEY RESEARCH CENTER COMPANY: OFFICE OF CHIEF COUNSEL

PATENT ASSIGNMENT

03/12/2010 501117220 Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT ASSIGNMENT NATURE OF CONVEYANCE:

CONVEYING PARTY DATA

Name	Execution Date
Michael W. Smith	09/11/2009

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:	11589011	

CORRESPONDENCE DATA

(757)864-9190 Fax Number:

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

Address Line 1: Office of Chief Counsel

Address Line 2: Mail Stop 141

Hampton, VIRGINIA 23681-2199 Address Line 4:

ATTORNEY DOCKET NUMBER: LAR 17385-1

Helen M. Galus

Total Attachments: 1 source=L0084790#page1.tif

NAME OF SUBMITTER:

PATENT

REEL: 024078 FRAME: 0992

			PATENT ASSIGNMENT		
Electronic Version Stylesheet Version			10/04/2009 500979563		
SUBMISSION TYPE: NE			NEW ASSIGNMENT		
NATURE OF CONV	/EYANCE:		ASSIGNMENT		
CONVEYING PART	YDATA		4		
		١	iame	Execution Date	The second secon
Michael W. Smith				09/11/2009	
RECEIVING PARTY	' DATA				
Name:	United States of America as represented by the Administrator of the National Aeronautics and Space Administration				
Street Address:	300 E. Stree	300 E. Street SW			
City:	Washington				
State/Country:	DISTRICT O	F COL	JMBIA		
Postal Code:	20546				
PROPERTY NUMBE	RS Total: 1				
Property	Туре		Number		
Application Number	LA CALLES	11389	D11		
CORRESPONDENCE DATA					
Fax Number: Correspondence will Phone:	(757)864 be sent via US 757-864	Mail wi	nen the fax attempt is unsuccessful.		20
Email:	· · · · · · · · · · · · · · · · · · ·			9	
=	Correspondent Name: NASA Langley Research Center				
Address Line 1: Office of Chief Counsel					
Address Line 2: Mail Stop 141 Address Line 4: Hampton, VIRGINIA 23681-2199					
, served life 4.	namptor	, virti	IIAIW S2001-⊼188		
ATTORNEY DOCKET NUMBER: LAR 17385-1		LAR 17385-1			
NAME OF SUBMITTER:		Helen M. Galus			
Total Attachments: 1 source=L0079304#pa	oe1.tif				an topic Line

PATENT

REEL: 024078 FRAME: 0993



Assignment to the Government (by Government Employee)

Title of Invention:	Apparatus For Free Electron Laser Ablative Synthesis Of Carbon Nanotubes					
Inventor(s):	Michael W. Smith, Kevin Jordan					
NASA Case No.:	<u>LAR-17385-1</u> Ap	oplication No.*: 18/589,011	Filing Date*: 10/27/2006			
WHEREAS, the par Government (herea Administration;	ties to this Assignment an fter Government), as repr	nd Agreement are the undersigned inven esented by the Administrator of the Natio	tor(s) and the United States onal Aeronautics and Space			
WHEREAS, the ma	king of this Assignment a	nd Agreement is in accordance with 37 C	CFR Part 501; and			
	dersigned inventor(s) has above-entitled invention.	(have) executed, on the date(s) indicated	d below, an application for United			
Assign to the America, its territorical	Government my (our) full es and possessions, and i	loyment by the Government, the undersign I and exclusive right in and to said invent my (our) entire right, title and interest in a cation(s) and any patent(s) that may issu	ion within the United States of and to said application, and any			
with 37 CFR 501.9(c Government choose accordance with 37 irrevocable, royalty-i	f), including rights of prior is not to file an application CFR 501.9(d), and such r free license in the invention	(our) full and exclusive foreign rights in a rity under the International Convention of n in any foreign country, I (we) may reque rights will be subject to the reservation to on with power to grant licenses for all gov le, in any foreign patent which may issue	Paris (1883), as amended, if the est rights in that country, in the Government of a nonexclusivernmental purposes. The terms of			
information to, and (ent, (a) to execute any document for, (b) inner with the Government in order to alk greement.				
*4. Authorize and above when required		record in the application to insert the ap	plication number and filing date			
Mas 4	1.40	9/1/39 (Date Assignment Executed)				
(Signature of Inventor)		(Date Assignment Executed)	(Date Application Executed)			
Michael W. Smith		622 Guy Lane, Newport News, VA	23602			
(Inventor's Typed Nam	ee)	(Mailing Address - Including Country)				
(Signature of Inventor)		(Date Assignment Executed)	(Date Application Executed)			
(Inventor's Typed Nam	e)	(Mailing Address - Including Country)				
(Signature of Inventor)		(Date Assignment Executed)	(Date Application Executed)			
(Inventor's Typed Nam	e)	(Mailing Address - Including Country)				

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RECORDED: 03/15/2010

PATENT REEL: 024078 FRAME: 0994