PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Stephen J. Hales	09/05/2008
Brian J. Jensen	09/05/2008
Roberto J. Cano	09/08/2008
Erik S. Weiser	08/05/2008

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:	12124273			

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

ATTORNET BOOKET NOMBER.	LAIC 17405-1
ATTORNEY DOCKET NUMBER:	LAR 17485-1

PATENT REEL: 021868 FRAME: 0369

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Total Attachments: 2 source=L0064183#page1.tif source=L0064183#page2.tif

> PATENT REEL: 021868 FRAME: 0370



Assignment to the Government (by Government Employee)

Title of Invention:	Metal/Fiber Laminate and Fabrication Using A Porous Metal/Fiber Preform						
Inventor(s):	Stephen J. Hales, Joel A. Alexa, Brian J. Jensen, Roberto J. Cano, Erik S. Weiser						
NASA Case No.:	LAR-17485-1	Application No.*:	12/124,273	Filing Date*:	05/21/2008		
	ties to this Assignmen fter Government), as r						
WHEREAS, the ma	king of this Assignmer	nt and Agreement is	in accordance with	37 CFR Part 501; a	nd		
	dersigned inventor(s) he above-entitled invent		I, on the date(s) indi	cated below, an app	lication for United		
Assign to the America, its territorical	i, in consideration of e Government my (our) es and possessions, a nuation or divisional a) full and exclusive in ind my (our) entire i	ight in and to said ir ight, title and interes	nvention within the U st in and to said appl			
accordance with 37 amended. If the Gov country, in accordar nonexclusive, irrevo	nt to the Government r CFR 501.9(d), including vernment chooses not nace with 37 CFR 501.9 cable, royalty-free lice is of such reservation v	ng rights of priority (to file an applicatio (d), and such rights nse in the invention	under the Internation in any foreign cou will be subject to the with power to grant	nal Convention of Pa ntry, I (we) may requ e reservation to the licenses for all gove	ris (1883), as lest rights in that Government of a ernmental		
information to, and (expense of the Gover c) to cooperate in any by this Assignment an	manner with the G					
*4. Authorize and above when required	d request the attorney	s of record in the ap	plication to insert th	e application numbe	er and filing date		
above when required	. J Adea	!	9 [5] 08 ate Assignment Execu				
(Signature of Inventor)	(D	ate Assignment Execu	ted) (Date Applic	ation Executed)		
Stephen J. Hales				rt News, VA 23601			
(Inventor's Typed Nan	$\mathcal{P}_{\mathbf{A}}$	(Mailing Add	ress - Including Counti	y)			
13 was	Illeusen		9/5/08				
(Signature of Inventor)	1	(D.	ate Assignment Execu	ted) (Date Applica	ation Executed)		
Brian J. Jensen		127 Bransc	ome Boulevard, Wi	lliamsburg, VA 231	85		
(Inventor's Typed Nan	ne) /	(Mailing Add	ress - Including Counti 9/8/03	y)			
(Signafuré of Inventor)		(Da	ate Assignment Execu	ted) (Date Applica	ation Executed)		
Roberto J. Cano		124 Ponson	by Drive, Yorktowr	ı, VA 23693			
(Inventor's Typed Nam	ne)		ress - Includina Countr				

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Assignment to the Government (by Government Employee)

Title of Invention:	Metal/Fiber Laminate and Fabrication Using A Porous Metal/Fiber Preform						
Inventor(s):	Stephen J. Hales, Joel A. Alexa, Brian J. Jensen, Roberto J. Cano, Erik S. Weiser						
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NASA Case No.:	LAR-17485-1	Application No.*:	12/124,273	Filing Date*:	05/21/2008		
	ies to this Assignment ter Government), as re						
WHEREAS, the mak	ing of this Assignment	and Agreement is	in accordance with 3	7 CFR Part 501; ar	nd		
	ersigned inventor(s) ha above-entitled inventio		l, on the date(s) indica	ated below, an appl	ication for United		
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*4. Authorize and	I request the attorneys	of record in the ap	oplication to insert the	application numbe	r and filing date		
above when required	1		odml .		-		
(Signature of Inventor)			8/5/oz ate Assignment Execute	-0 (O-4- AE-	ation Executed)		
Erik S. Weiser		•	ate Assignment Execute for Lane, Yorktown, \	, , , , , , , , , , , , , , , , , , , ,	шоп Ехесива)		
(Inventor's Typed Nam	e)	····	ress - Including Country)	**************************************	· · · · · · · · · · · · · · · · · · ·		
(Signature of Inventor)		(D	ate Assignment Execute	d) (Date Applica	ation Executed)		
(Inventor's Typed Nam	e)	(Mailing Add	ress - Including Country)				
(Signature of Inventor)		(D	ate Assignment Execute	d) (Date Applica	tion Executed)		
(Inventor's Typed Nam	e)	(Mailing Add	ress - Includina Country)				

PATENT RECORDED: 11/20/2008

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REEL: 021868 FRAME: 0372