503919810 07/18/2016 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3966463

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY	ΔΤΑ					
			Name		Execution Date	
DR. FRANCES HURWITZ					07/15/2016	
RECEIVING PARTY D	ATA					
Name:	US GC	US GOVERNMENT ADMINISTRATOR OF NASA				
Street Address:	300 E :	300 E STREET SW				
City:	WASH	WASHINGTON				
State/Country:	D.C.	D.C.				
Postal Code:	20546-	-0001				
Property Type		1445	Number			
		1445	56043			
CORRESPONDENCE	DATA					
		433-6790				
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		d; if th	e-mail address first; if that is nat is unsuccessful, it will be ERT.EARP@NASA.GOV			
<i>using a fax number, if</i> Email: Correspondent Name	^r provideo	d; if th Robi Robi	hat is unsuccessful, it will be ERT.EARP@NASA.GOV ERT H. EARP, III			
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U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

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(les)	2. Name and address of receiving party(les)					
	Name: United States Government Administrator of National Aeronautae and Space Administration					
Frances Hurwitz	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	City: Washington					
Security Agreement Change of Name						
Joint Research Agreement	State: DC					
Government Interest Assignment	Country: USAZip: 20546-0001					
Executive Order 9424, Confirmatory License						
Other	Additional name(s) & address(es) attached? Yes No					
4. Application or patent number(s): This document serves as an Oath/Declaration (37 CFR 1.63).						
A. Patent Application No.(s)	B. Patent No.(s)					
14/456,043						
17,100,010						
Additional numbers attached?						
Additional numbers at	I 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: 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 Phone Number: (216) 433-3663	6. Total number of applications and patents involved:					
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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 Phone Number: (216) 433-3663 Docket Number: LEW 19098-1 Email Address: Robert.Earp@pasa.gov						
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Patent Application



National Aeronautics and Space Administration

Assignment to the Government (by Government Employee)

Title of Invention:

High Temperature, Flexible Aerogel Composite and Mehtod of Making Same

Inventor(s):

Frances Horwitz

NASA Case No.: <u>1.E.W. 19098-1</u> Application No.*: <u>14/456.043</u> Filing Date*: <u>08/11/2014</u>

WHEREAS, the parties to this Assignment and Agreement are the undersigned inventor(s) and the United States Government (hereafter Government), as represented by the Administrator of the National Aeronautics and Space Administration;

WHEREAS, the making of this Assignment and Agreement is in accordance with 37 CFR Part 501; and

WHEREAS, the undersigned inventor(s) has (have) executed, on the date(s) indicated below, an application for United States Patent on the above-entitled invention.

NOW THEREFORE, in consideration of employment by the Government, the undersigned hereby:

 Assign to the Government my (our) full and exclusive right in and to said invention within the United States of America, its territories and possessions, and my (our) entire right, title and interest in and to said application, and any corresponding continuation or divisional application(s) and any patent(s) that may issue therefrom.

2. Agree to grant to the Government my (our) full and exclusive foreign rights in and to said invention, in accordance with 37 CFR 501.9(d), including rights of priority under the International Convention of Paris (1883), as amended. If the Government chooses not to file an application in any foreign country, I (we) may request rights in that country, in accordance with 37 CFR 501.9(d), and such rights will be subject to the reservation to the Government of a nonexclusive, irrevocable, royalty-free license in the invention with power to grant licenses for all governmental purposes. The terms of such reservation will appear, where practicable, in any foreign patent which may issue on such invention.

 Agree, at the expense of the Government, (a) to execute any document for, (b) to deliver any requested information to, and (c) to cooperate in any manner with the Government in order to allow the Government to protect any interest transferred by this Assignment and Agreement.

*4. Authonze and request the attorneys of record in the application to insert the application number and filing date above when required.

FRANCES HURWITZ	07/15/2016	08/11/2014
(Signature of Inventor)	(Date Assignment Executed)	(Date Application Executed)
Frances Hurwitz 31.	51 Montgomery Road, Shaker He	ights, OH, 44122, USA
(inventor's Typed Name) (Ma	iling Address - Including Country)	
(Signature of Inventor)	(Date Assignment Executed)	(Oste Application Executed)
(Inventor's Typed Name) (Me	iling Address - Including Country)	
(Signature of inventor)	(Date Assignment Executed)	(Date Application Executed)
Inventor's Typed Nema) (Ma	lino Address - including Country	

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PATENT REEL: 039180 FRAME: 0664

RECORDED: 07/18/2016