503888308 06/24/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3934957

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RICHARD K. BIRD	03/16/2016
MARCIA S. DOMACK	03/16/2016
JOHN A. WAGNER	03/16/2016

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:	D.C.
Postal Code:	20546

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15040528	

CORRESPONDENCE DATA

Fax Number: (757)864-9190

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

(757) 864-5821 Phone:

Email: yvette.d.mardis@nasa.gov

NASA LANGLEY RESEARCH CENTER **Correspondent Name:**

Address Line 1: OFFICE OF CHIEF COUNSEL

Address Line 2: MAIL STOP 30

Address Line 4: HAMPTON, VIRGINIA 23681-2199

ATTORNEY DOCKET NUMBER:	LAR-18600-1
NAME OF SUBMITTER:	YVETTE D. MARDIS
SIGNATURE:	/s/ Yvette D. Mardis
DATE SIGNED:	06/24/2016

Total Attachments: 1 source=20X0065#page1.tif

> **PATENT** REEL: 039006 FRAME: 0620

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Assignment to the Government (by Government Employee)

		inh anne:		nnaaai	
Title of Invention:	IN-SITU SELECTIVE REINFORCEMENT OF NEAR-NET-SHAPED FORMED STRUCTURES				
Inventor(s):	Richard K. Bird,	foel A. Alexa, Peter L	. Messick, Marcia	S. Domack, John A. V	Vagner .
NASA Case No.:	LAR-18600-1	Application No.*:	15/040,528	Filing Date*:	02/10/2016
				and the United States C 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:

- 1. 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. Authorize and request the attorneys of record in the application to insert the application number and filing date above when required.

Right KAD	3/14/2014	3/16/2016
(Signature of Inventor)	(Date Assignment Executed)	(Date Application Executed)
RICHARD K. BIRD	212 JONADAB ROAD, Grafton, VA	23692
(Inventor's Typed Name)	(Mailing Address - Including Country)	
Marie L Qaul (Signature of Inventor)	3//6/20/6 (Date Assignment Executed)	3/16/2016 (Bate Application Executed)
MARCIA S. DOMACK	10530 RAINBOW ROAD, Caroliton,	VA 23314
(Inventor's Typed Name) All Way (Signature of Inventor)	(Mailing Address - Including Country) 3 (16 / Z-S-C) (Date Assignment Executed)	3 (16 2016 (Date Application Executed)
IOHN A. WAGNER (Inventor's Typed Name)	922 WILLOW POINT, Newport New (Mailing Address - Including Country)	s, VA 23602

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RECORDED: 06/24/2016

PREVIOUS EDITIONS ARE OBSOLETE

PATENT REEL: 039006 FRAME: 0621