505477384 05/15/2019

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
KATHERINE A. FOTION	02/11/2016	

RECEIVING PARTY DATA

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Property Type	Number
Application Number:	15347020

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NAME OF SUBMITTER:	YVETTE D. MARDIS
SIGNATURE:	/s/ Yvette D. Mardis
DATE SIGNED:	05/15/2019

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> **PATENT REEL: 049184 FRAME: 0390** 505477384



Assignment to the Government (by Independent Inventor)

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Title of Invention:	Devices and Methods	for Additive Mar	nufacturing Using I	Flexible Fil	aments		
inventor(s):	John M. Gardner, Chr Emilie J. Siochi	istopher J. Stelte			oo Kim, Go	odfrey Sauti, an	ાર્વ
			15/347,0	t de Est			
NASA Case No.:	LAR-18784-1	Application No.*:		Filing	y Date*.	Novembe	<u>u 1,2016</u>
	s to this Assignment are: (' Iministrator of the National		inventor(s) and (2) ar	nd the United			
identified invention (he	signed inventor(s) is (are) or are inafter, the Invention) and nor is (are) desirous of hare	id has (have) exect	uted, on the date indic				ates
WHEREAS, the Gove to be filed, thereon.	rnment is desirous of acqui	iring the entire right	t, title and interest in t	he Invention	and the pate	nt application file	d, or
Payments Received b	n consideration of the payn y NASA from the Licensing ention, the undersigned her	of Patents and Pa	ursuant to NASA Polic tent Applications" (inc	cy Directive, I corporated he	NPD 2092.1. erein by refe	"Royalties and (rence), that may i	Other result
possessions, and my	ernment my (our) full right in (our) entire right, title and in s) and any patent(s) that ma	nterest in and to sai	id patent application,				
2. Grant to the Govern	nment the option to acquire	, upon request, all i	my (aur) foreign rights	s in and to the	e Invention.		
	nse of the Government, to: Sovernment in order to allo						rate in
4. Warrants that I (we)	have the authority to exec	ute this Assignmer	it.				ζ
*5. Authorizes and rec required.	juests the attorneys of reco	ord in the application	n to insert the patent :	application n	umber and fi	ling date above	when ***
my to the second	Cipling		- 1. 1x.		m. 1	1	
AATh #71/h. (Signature of Inventor)	your	<u>*</u> 7/	2/11/11 Celle Assignment Exe	cuted) ×	(Said Applic	Allon Executed)	*
Katherine A. Fotior	1		ta Ave, Monte Sere)30		
(Inventor's Typed Nai	ne)	(Mailing Ac	idress - Including Cou	intry)			
(Signature of Inventor)		, , , , , , , , , , , , , , , , , , ,	Date Assignment Exe	cuted)	(Date Applic	ation Executed)	
(Inventor's Typed Nar	ne)	(Mailing Ac	idress - Including Co.	untry)	*******************************		
(Signature of Inventor)			Date Assignment Exe	ecuted)	(Date Applic	etion Executed)	

(Mailing Address - Including Country)

PATENT REEL: 049184 FRAME: 0391

RECORDED: 05/15/2019

(Inventor's Typed Name)

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