PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mark A. Croom	03/23/2010
Stephen C. Smith	03/22/2010
Mark D. Guynn	03/23/2010
Craig A. Hunter	04/28/2010
David A. Paddock	05/25/2010
Stephen E. Riddick	03/19/2010
John Edward Teter Jr.	03/22/2010

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:	12721833

CORRESPONDENCE DATA

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PATENT

REEL: 024441 FRAME: 0917

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ATTORNEY DOCKET NUMBER:	LAR 17514-1
NAME OF SUBMITTER:	Helen M. Galus
Total Attachments: 3 source=L0087492#page1.tif source=L0087492#page2.tif source=L0087492#page3.tif	

PATENT REEL: 024441 FRAME: 0918



Assignment to the Government (by Government Employee)

		(by Gover	minent embio	yee,	
Title of Invention:	Aircraft Configured	for Flight in an Atn	nosphere Having Low	Density	
Inventor(s):	Mark A. Croom, Ste	ephen C. Smith, Pau	ıl A. Gelhausen, Mark	D. Guynn, Craig	A. Hunter, David A
	Paddock, Steven E.	Riddick, John Edwa	ard Teter Jr.		
NASA Case No.:	LAR-17514-1	Application No.*:	12/721,833	Filing Date*:	03/11/2010
WHEREAS, the par Government (hereal Administration;	ties to this Assignmer fter Government), as	nt and Agreement a represented by the /	re the undersigned inv Administrator of the Na	entor(s) and the lational Aeronautic	Jnited States s and Space
WHEREAS, the ma	king of this Assignme	nt and Agreement is	s in accordance with 3	7 CFR Part 501; a	and
	lersigned inventor(s) above-entitled inven		d, on the date(s) indica	ted below, an app	olication for United
1. Assign to the America, its territorio	Government my (our	r) full and exclusive i and my (our) entire i	Sovernment, the under right in and to said inveright, title and interest ny patent(s) that may in	ention within the t in and to said app	
with 37 CFR 501.9(c Government choose accordance with 37 irrevocable, royalty-	d), including rights of is not to file an applic CFR 501.9(d), and so free license in the inv	priority under the Int ation in any foreign uch rights will be sut ention with power to	clusive foreign rights in ternational Convention country, I (we) may re- pject to the reservation grant licenses for all of n patent which may iss	of Paris (1883), a quest rights in tha to the Governme governmental pur	as amended. If the it country, in ent of a nonexclusive poses. The terms of
information to, and (expense of the Gove c) to cooperate in an oy this Assignment ar	y manner with the G	ute any document for, overnment in order to	(b) to deliver any allow the Governi	requested ment to protect any
*4. Authorize an above when require		ys of record in the a	pplication to insert the	application numb	er and filing date
Mah			3/23/10		
(Signature of Inventor,)	(D	ate Assignment Execute	d) (Date Applie	cation Executed)
Mark A. Croom		101 Paspeh	neghe Run, Yorktown,	VA 23693	
(Inventor's Typed Nan	ne)	(Mailing Add	lress - Including Country)		
(Signature of Inventor)	•	·	ate Assignment Executed		cation Executed)
Stephen C. Smith			grove Lane, Cupertino	, CA 95014	
(Inventor's Typed Nan	ne) ^ ^	(Mailing Add	ress - Including Country)		
Mark D.	Lleyn		3/23/10		
(Signature of Inventor)		(D	ate Assignment Executed	(Date Applie	cation Executed)
Mark D. Guynn		124 Brassie	Drive Yorktown, VA	23693	
(Inventor's Typed Nan					

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Assignment to the Government (by Government Employee)

information to, and interest transferred	(c) to cooperate in by this Assignment attored.	neys of record in the a	Date Assignment Executed by Private Assignment Executed by Private Assignment Executed Brive, Yorktown, VA Date Assignment Executed Carove Lane, Cupertino,	(Date Applic	nent to protect any			
information to, and interest transferred *4. Authorize a above when require (Signature of Inventor Mark A. Croom (Inventor's Typod National Inventor's Typod National Inventorial Inventory In	(c) to cooperate in by this Assignment attored.	any manner with the Control of the Sound Agreement. They's of record in the sound	Option Assignment Executed Ray Yorktown, VA dress - Including Country)	illow the Government of the Go	er and filing date			
information to, and interest transferred *4. Authorize a above when require (Signature of Inventa Mark A. Croom	(c) to cooperate in by this Assignment request the attored.	any manner with the Control of the Sound Agreement. They so of record in the sound	Option Assignment Executed (A) Delto Assignment Executed (A) The Drive, Yorktown, VA drass - Including Country)	allow the Government	er and filing date			
information to, and interest transferred *4. Authorize a above when require (Signature of Inventa Mark A. Croom	(c) to cooperate in by this Assignment request the attored.	any manner with the Control of the Sound Agreement. They so of record in the sound	Date Assignment Executed (A) (C) (C) (C) (C) (C) (C) (C)	allow the Government	er and filing date			
information to, and interest transferred 14. Authorize a above when require	(c) to cooperate in by this Assignment of request the attored.	any manner with the C i and Agreement. Theys of record in the a	government in order to a	allow the Government	er and filing date			
information to, and interest transferred *4. Authorize a above when require	(c) to cooperate in by this Assignment of request the attored.	any manner with the C i and Agreement. Theys of record in the a	government in order to a	allow the Government	er and filing date			
information to, and interest transferred 4. Authorize a	(c) to cooperate in by this Assignmentnd request the attor	any manner with the C rand Agreement.	Government in order to a	allow the Governm	nent to protect any			
information to, and interest transferred	(c) to cooperate in by this Assignmen	any manner with the C rand Agreement.	Government in order to a	allow the Governm	nent to protect any			
with 37 CFR 501.9 Government choose accordance with 37 irroversible, revealth.	(d), including rights es not to file an app 7 CFR 501.9(d), and 1 file an app 1 file an app 1 file appear, where pr	of priority under the in plication in any foreign d such rights will be su invention with power to acticable, in any foreig	clusive foreign rights in iternational Convention country, I (we) may req object to the reservation o grant licenses for all grant licenses for all grant patent which may issue	of Paris (1663), a uest rights in that to the Governmer overnmental purp Je on such invent	s amended. If the country, in the country, in the state of a nonexclusive coses. The terms of the control of th			
Assign to the America, its territor corresponding con-	e Government my (ies and possession inuation or division	our) full and exclusive is, and my (our) entire al application(s) and a	Government, the unders right in and to said Inve- right, title and interest in ny patent(s) that may is:	ntion within the U a and to said appl sue therefrom.	ication, and any			
States Patent on th	e above-entitled in	vention.	d, on the date(s) indicati		lication for United			
			s in accordance with 37					
Government (heres Administration;	ifter Government), i	as represented by the	re the undersigned inve Administrator of the Nat	ional Aeronautics	and Space			
NASA Case No.:	LAR-17514-)	Application No.*:	12/72),833	Filing Date*: _	03/11/2010			
Inventor(s):		Mark A. Croom, Stephen C. Smith, Paul A. Gelhausen, Mark D. Guynn, Craig A. Hunter, David A. Paddock, Steven E. Riddick, John Edward Teter Jr.						
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				Aircraft Configured for Flight in an Atmosphere Having Low Density				
Title of Invention:	Aircraft Configur	reo for ringht in an Au	Mosbiese Ligaring from r	Julipity				

PATENT

REEL: 024441 FRAME: 0920

Title of Invention:	Aircraft Configured for Flight in an Atmosphere Having Low Density		
Inventor(s):	Mark A. Croom, Stephen C. Smith, Paul A. Gelhausen, Mark D. Guynn, Craig A. Hur Paddock, Steve Riddick, John Edward Teter Jr.		
NASA Case No.:	LAR-17514-1	Application No.*: 12/721,833 Filing Date*:	
Quin	Marti	(Date Assignment Executed) (Date Application Executed)	
(Signature of Inventor)	(Date Assignment Executed) (Date Application Executed)	
Craig A. Hunter	~	117 Old Meadows Road, Williamsburg, VA 23188	
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(Signature of Inventor)	(Date Assignment Executed) (Date Application Executed)	
David A/ Paddock		7567 Vincent Drive, Toano, VA 23168	
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Jacken &	Miluh	(Date Assignment Executed) (Date Application Executed)	
(Signature of Inventor		(Date Assignment Executed) (Date Application Executed)	
Steve Riddick		211 Clemwood Pkwy, Hampton, VA 23669	
(Inventor's Typed Nar	ne)	(Mailing Address - Including Country)	
John E. Des	to I	3-22-10	
(Signature of Inventor		(Date Assignment Executed) (Date Application Executed)	
John Edward Teter	Jr.	217 Skimino Road, Williamsburg, VA 23188	
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(Signature of Inventor)	(Date Assignment Executed) (Date Application Executed)	
(Inventor's Typed Nar	ne)	(Mailing Address - Including Country)	
(Signature of Inventor)	(Date Assignment Executed) (Date Application Executed)	
(Inventor's Typed Nar	me)	(Mailing Address - Including Country)	

RECORDED: 05/26/2010

PATENT REEL: 024441 FRAME: 0921