505191008 11/14/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
JAMES E. FRACTION	11/09/2018
ANDRZEJ T. JACKOWSKI	10/28/2018

RECEIVING PARTY DATA

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State/Country:	D.C.
Postal Code:	20546

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16058458

CORRESPONDENCE DATA

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Address Line 4: GREENBELT, MARYLAND 20771

ATTORNEY DOCKET NUMBER:	GSC-17902-1	
NAME OF SUBMITTER:	MILELENE GUNYON	
SIGNATURE:	/milelene gunyon/	
DATE SIGNED:	11/14/2018	

Total Attachments: 2

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PATENT 505191008 REEL: 047504 FRAME: 0397



Title of Invention:

Assignment to the Government (by Government Employee)

		ULT TOLERANT MEMORY CARD				
Inventor(s):	JAMES E FRACTION, ANDRZELT, JACKOWSKI					
NASA Case No.:	GSC-17902-1	Application No.*:	16/058,458	Filing Date*:	8/8/2018	
WHEREAS, the part Government (hereaft Administration;	ies to this Assignmei ier Government), as	nt and Agreement are represented by the A	the undersigned inve dministrator of the Nat	ntor(s) and the U tional Aeronautic	Inited States s and Space	
WHEREAS, the mak	ing of this Assignme	nt and Agreement is	n accordance with 37	CFR Part 501; a	nd	
WHEREAS, the unde States Patent on the	ersigned inventor(s) i above-entitled inven	has (have) executed, tion.	on the date(s) indicate	ed below, an app	lication for United	
America, its territories	⇒overnment my (our ₃ and possessions, a) full and exclusive n _i and my (our) entire no	overnment, the unders thi in and to said inver tht, title and interest in patent(s) that may iss	Mich within the U	nited States of ication, and any	
ACCOLUMNOS MILLI 21 C	r-K 501.9(6), includii imment chooses not e with 37 CFR 501.9 ible, royally-free lice	ng rights of priority ur to file an application (d), and such rights was nse in the invention was	ath nawer to arent line	Convention of Par , I (we) may requiservation to the (ris (1883), as est rights in that Sovernment of a	
 Agree, at the e information to, and (c) interest transferred by 	in enonguage iu suv	manner with the Gov	any document for, (b) ernment in order to all) to deliver any re ow the Governm	equested ent to protect any	
interest transferred by *4. Authorize and i	this Assignment and	manner with the Gov I Agreement.	any document for, (b ernment in order to all ication to insert the ap	ow the Governm	ent to protect any	
*4. Authorize and above when required.	this Assignment and this Assignment and request the attorneys	manner with the Gov I Agreement. s of record in the app	ernment in order to all ication to Insert the ap	ow the Governm plication number	ent to protect any and filing date	
*4. Authorize and above when required.	this Assignment and this Assignment and request the attorneys	manner with the Gov I Agreement. s of record in the app	ernment in order to all ication to Insert the ap	ow the Governm plication number (Date Applic 560 SV / Built	ent to protect any and filing date ation Executed) Line 22 Law E319	
*4. Authorize and above when required. *Signature of Inventor) JAMES E. FRACTION	this Assignment and this Assignment and request the attorneys	manner with the Gov I Agreement. s of record in the app NASA COST (Dat Washing Addre	ernment in order to all ication to insert the ap 11/3/3016 e Assignment Executed) be left foad, Mail	ow the Governm uplication number (Date Applic Styp St/, Built Green be It/, A	ent to protect any and filing date ation Executed) 469 23 fam £319, 101 20771 , VSA	
*4. Authorize and above when required. *Signature of inventor) JAMES E. FRACTIK (inventor's Typed Name)	this Assignment and this Assignment and the attorneys	manner with the Gov I Agreement. s of record in the app NASA (Date of Mailing Address)	ernment in order to all ication to insert the ap 1/2/2016 e Assignment Executed) be 14 Road Mail ss - including Country)	ow the Governm uplication number (Date Applic Styp St/, Built Green be It/, A	ent to protect any and filing date ation Executed) Line 22 Law E319	
*4. Authorize and above when required. *5ignature of inventor) JAMES E. FRACTION (inventors Typed Name) (Signature of inventor) ANDRZEJ T. JACKI	this Assignment and this Assignment and the attorneys	manner with the Gov I Agreement. s of record in the app NASA (T) (Date (Mailing Addre) (Mailing Addre) (Mailing Addre)	ernment in order to all ication to insert the ap 1/2/2016 e Assignment Executed be 1 f. load , Mail secuted; e Assignment Executed; e Assignment Executed;	ow the Governm oplication number (Date Applic Stop SE/, Built Green be If, P	ent to protect any and filing date ation Executed) 469 23 fam £319, 101 20771 , VSA	

PATENT REEL: 047504 FRAME: 0398



Assignment to the Government (by Government Employee)

libe of Invention:	FAULT TOLERA	INT MEMORY CAR	0				
Inventor(s):	JAMES E. FRACTION, ANDRZEJ T. JACKOWSKI						
NASA Case No.:	GSC-17902-1	Application No.*:	16/058,458	Filing Date*:	8/8/2018		
			the undersigned inve dministrator of the Nat				
WHEREAS, the mak	ing of this Assignme	nt and Agreement is	n accordance with 37	CFR Part 501; a	ind		
WHEREAS, the undenstates Patent on the			on the date(s) indicate	ed below, an app	dication for United		
Assign to the America, its territorie	Government my (our s and possessions, a	r) full and exclusive rig and my (our) entire rig	overnment, the unders ght in and to said inver ght, tille and interest in patent(s) that may iss	ntion within the U and to said app			
accordance with 37 (amended. If the Gove country, in accordance nonexclusive, irrevoc	OFR 501.9(d), including smment chooses not se with 37 CFR 501.9 able, royalty-free lice	ing rights of priority ur t to file an application 9(d), and such rights v ense in the invention v	usive foreign rights in order the International (in any foreign country will be subject to the revith power to grant lice acticable, in any foreign	Convention of Pa , I (we) may requesservation to the enses for all gove	eris (1883), as lest rights in that Government of a emmental		
) to cooperate in any	manner with the Gov	a any document for, (b vernment in order to al				
*4. Authorize and above when required		s of record in the app	lication to insert the a	oplication numbe	er and filing date		
(Signature of Inventor)		(Da	te Assignment Executed,	(Date Appli	cation Executed)		
JAMES E. FRACT		ARRESTA A SELEC	in the Committee Committee				
(Invertors Typed Name	8) 5	, 2	ess - Including Country)				
- 100 May 1 (A-	Carrier and State Commence of the State Comm		28/18	iii ilgggaaagaaaaggiiaaaag			
(Signature of Inventor)	zavšinia:		te Assignment Executed)		cation Executed)		
ANDRZEJ T. JACH (Inventor's Typed Name			lle Ln, League City, ess - Including Country)	1A //5/3 US/	÷ą.		
(Signature of Inventor)		(Da	e Assignment Executed)	(Date Appli	cation Executed)		
(Inventor's Typed Name)	(Mailing Addre	ss - Including Country)				

PATENT REEL: 047504 FRAME: 0399

RECORDED: 11/14/2018

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