504660198 11/28/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LYNN R. MILES	03/04/2017
DAMON C. BRADLEY	03/04/2017
ENGLIN WONG	07/26/2017
ALICIA T. JOSEPH	11/15/2017

RECEIVING PARTY DATA

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Postal Code:	20546

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15690852

CORRESPONDENCE DATA

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Email: Milelene.Gunyon-1@nasa.gov

MILELENE GUNYON **Correspondent Name:**

NASA GODDARD SPACE FLIGHT CENTER Address Line 1: Address Line 2: OFFICE OF PATENT COUNSEL M/S 140.1

Address Line 4: GREENBELT, MARYLAND 20771

ATTORNEY DOCKET NUMBER:	GSC-17623-1
NAME OF SUBMITTER:	MILELENE GUNYON
SIGNATURE:	/milelene gunyon/
DATE SIGNED:	11/28/2017

Total Attachments: 3

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PATENT REEL: 044239 FRAME: 0557

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> PATENT REEL: 044239 FRAME: 0558



Assignment to the Government (by Government Employee)

	SOFTWARE-DEF	INED RADIO	METER	**************************************
Inventor(s):	LÝNNR MILES	DAMON.C. B	RADLEY, ENGLIN WONG,	ALICIA T. JOSEPH
NASA Case No.:	GSC-17623-1	Application No	15/690 852 FI	ling Date*: 3/39/17
			nt are the undersigned inventor(he Administrator of the Nationa	
WHEREAS, the mak	ing of this Assignmen	t and Agreeme	nt is in accordance with 37 CFF	t Part 501; and
WHEREAS, the unde States Patent on the			rted, on the date(s) indicated be	alow, an application for United
Assign to the c America, its territories	Government my (our) and possessions, a	full and exclusi nd my (our) enti	ne Government, the undersigne we right in and to said invention re right, title and interest in and I any patent(s) that may issue th	within the United States of to said application, and any
accordance with 37 C amended. If the Gove country, in accordance nonexclusive, irrevoca	FR 501.9(d), includin imment chooses not e with 37 CFR 501.9(able, royalty-free licer	ig rights of prion to file an applica (d), and such rig use in the invent	exclusive foreign rights in and ity under the International Conv ation in any foreign country, I (w this will be subject to the reservation with power to grant licenser e practicable, in any foreign par	rention of Paris (1883), as re) may request rights in that ration to the Government of a s for all governmental
	to cooperate in any	manner with the	ecute any document for, (b) to a Government in order to allow t	
*4. Authorize and above wifen required.	request the attorneys	of record in the	application to insert the applic	ation number and filing date
(Signature of Invelorary		10000000000000000000000000000000000000	(Date Assignment Executed)	(Date Application Executed)
LYNN R. MILES (Inventor's Typed Name		(0) (Malling)	MASIN ST. VISI- Address - Including Country)	HGTS, MO 20747
7			4-144-2017	
(Signature of Inventor)		***************************************	(Date Assignment Executed)	(Date Application Executed)
DAMON C. BRADL (Inventor's Typed Name		(Mailing /	Address - Including Country)	, and the same of
(Signature of Inventor)		******************	(Date Assignment Executed)	(Date Application Executed)
ENGLIN WONG (Inventor's Typed Name,	y	(Mailing)	Address - Including Country)	
NASA FORM ASO DEC:	2000 PREVADUS EDITI	ONE ARE ORSO	1 ETE	

PATENT

REEL: 044239 FRAME: 0559



Assignment to the Government (by Government Employee)

Title of Invention:	SOFTWARE-DEFINED RADIOMETER						
Inventor(s):	LYNN.R. MILES, DAMON C. BRADLEY, ENGLIN WONG, ALICIA T. JOSEPH						
NASA Case No.:	GSC-17623-1	Application No.*:	15/690852	Filing Date*:	3/20/17		
WHEREAS, the parti Government (hereaft Administration;	es to this Assignmer	nt and Agreement ar	e the undersigned invent Administrator of the Natio	tor(s) and the U	nited States		
WHEREAS, the mak	ing of this Assignme	nt and Agreement is	in accordance with 37 C	FR Part 501; a	nd		
WHEREAS, the unde States Patent on the			, on the date(s) indicated	d below, an app	lication for United		
Assign to the America, its territories	Government my (our s and possessions, a) full and exclusive ri and my (our) entire ri	iovernment, the undersigight in and to said invent ght, title and interest in a y patent(s) that may issu	ion within the U and to said appl	nited States of ication, and any		
accordance with 37 C amended. If the Gove country, in accordance nonexclusive, irrevoc	CFR 501.9(d), includi ernment chooses not be with 37 CFR 501.9 able, royalty-free lice	ng rights of priority u t to file an application P(d), and such rights ense in the invention	lusive foreign rights in an inder the International Co in any foreign country, will be subject to the res with power to grant licen acticable, in any foreign	onvention of Pa I (we) may requi servation to the ises for all gove	ris (1883), as est rights in that Government of a immental		
) to cooperate in any	manner with the Go	te any document for, (b) evernment in order to allo				
*4. Authorize and above when required.		s of record in the ap	plication to insert the app	olication numbe	r and filing date		
(Signature of Inventor)		(Di	ate Assignment Executed)	(Date Appli	cation Executed)		
LYNN R. MILES (Inventor's Typed Name)	(Mailing Add	ess - Including Country)				
(Signature of Inventor)	***************************************	(Di	ate Assignment Executed)	(Date Applic	cation Executed)		
DAMON C. BRADL (Inventors Typed Name		(Mailing Addi	ress - Including Country)				
		07	/26/2017	07/26/201	7		
(Signature of inventor)	201 <u>0</u>	(Di	ate Assignment Executed)	(Date Applic	ation Executed)		
ENGLIN WONG	** CATTRONG COTT-4	6227 Autur	nn Haven Ct. Havnov	er, MD 21076	USA		
(Inventor's Typed Name)	(Mailing Addr	ess - Including Country)	***************************************			
NASA FORM 430 DEC	2000 PREVIOUS EDI	TIONS ARE OBSOLET	E.				

PATENT REEL: 044239 FRAME: 0560



Assignment to the Government (by Government Employee)

Title of Invention: SOFTWARE-DEFINED RADIOMETER						
Inventor(s):	LYNN R. MILES	LYNN R. MILES, DAMON C. BRADLEY, ENGLIN WONG, ALICIA T. JOSEPH				
NASA Case No.:	GSC-17623-1	Application No.*:	15/690852	Filing Date*:	8/30/17	
WHEREAS, the parti Government (hereaft Administration;	es to this Assignmer er Government), as	nt and Agreement are represented by the A	the undersigned inventor dministrator of the Nation	or(s) and the line land	Jnited States is and Space	
WHEREAS, the maki	ing of this Assignme	nt and Agreement is i	n accordance with 37 CF	R Part 501; a	ınd	
WHEREAS, the unde States Patent on the	rsigned inventor(s) above-entitled inven	has (have) executed, tion.	on the date(s) indicated	below, an app	Nication for United	
Assign to the (America, its territories	Bovernment my (our sand possessions, a	') full and exclusive rig and my (our) entire rig	overnment, the undersign pht in and to said invention tht, title and interest in an patent(s) that may issue	on within the L nd to said ano	Inited States of licetion, and any	
accordance with 37 C amended. If the Gove country, in accordance nonexclusive, irrevoca	FR 501.9(d), includi rnment chooses not e with 37 CFR 501.9 able, royalty-free lice	ng rights of priority ur I to file an application i(d), and such rights v vise in the invention v	usive foreign rights in and ider the International Col in any foreign country, I it will be subject to the rese with power to grant licens icticable, in any foreign p	nvention of Pa (we) may requivation to the es for all pove	eris (1883), as uest rights in that Government of a emmental	
Agree, at the elinformation to, and (c) interest transferred by	to cooperate in any	manner with the Gov	any document for, (b) to remment in order to allow	odeliver any r vithe Governm	equested nent to protect any	
4. Authorize and a above when insuland,	reques()» attorney		lication to insert the appl	ication numbe	er and filing date	
(Signatura of Inventor)	A	(Da	//15//]- e Assignment Executed)	(Dete Appli	cation Executed)	
ALICIA T. JOSEPH (Inventor's Typed Name)		(Mailing Addre	ss - Including Country)			
(Signature of Inventor)		(Dat	e Assignment Executed)	(Date Appli	cation Executed)	
(Inventor's Typed Name)	;	(Meiling Addre	ss - Including Country)			
(Signature of Inventor)		(Det)	ë Assignment Executed)	(Date Applic	cetion Executed)	
(inventor's Typed Name)		······································	ss - Including Country)			

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RECORDED: 11/28/2017