504219143 02/08/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NATHANIEL A. GILL	09/20/2016
MARK M. GIZA	09/20/2016

RECEIVING PARTY DATA

Name:	UNITED STATES OF AMERICA AS REPRESENTED BY THE ADMINISTRATOR OF THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
Street Address:	300 E
City:	WASHINGTON
State/Country:	D.C.
Postal Code:	20546

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15280127

CORRESPONDENCE DATA

Fax Number: (301)286-9502

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.

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MILELENE GUNYON Correspondent Name:

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

Address Line 4: **GREENBELT, MARYLAND 20771**

ATTORNEY DOCKET NUMBER:	GSC-17215-1
NAME OF SUBMITTER:	MILELENE GUNYON
SIGNATURE:	/milelene gunyon/
DATE SIGNED:	02/08/2017

Total Attachments: 2

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> **PATENT REEL: 041205 FRAME: 0439** 504219143



Title of Invention:

Assignment to the Government (by Government Employee)

	DESCRIPTION	<u> AD SIGNAL PHOU</u>	#SSWLLEPGAM	Onules			
Inventor(s):	NATHANIEL A. GILL, WARK M. GIZA						
NASA Case No	GSC-17215-1	Application No.*	15/280127	Filing Date*:	9/29/2016		
WHEREAS, the par Government (herea Administration;	ties to this Assignme fter Government), as	nt and Agreement are represented by the A	s the undersigned in Idministrator of the I	ventor(s) and the L Vational Aeronautic	Inited States s and Space		
WHEREAS, the me	king of this Assignme	int arid Agreement is	in accordance with :	37 CFR Part 501 e	nd		
WHEREAS, the unc States Patent on the	lersigned inventor(s) above-entitled inver	has (have) executed, ition.	on the date(s) indic	ated below, an app	lication for United		
America, its territoric	, in consideration of a Covernment my (our as and possessions, a nuation or divisional a	') full and exclusive ri and my (our) entire re	ght in and to said in tht. title and interest	vention within the U	nited States of ication, and any		
accordance with 37 amended. If the Gov country, in accordan nonexclusive, irrevox	nt to the Government CFR 501 9(d), includi remment chooses not ce with 37 CFR 501 9 cable, royalty-free lice of such reservation (ing rights of pricrity us to file an application (d), and such rights to vise in the invention to	ider the internations in any foreign count will be subject to the with cover to creat i	al Convention of Pa try, I (we) may requires reservation to the	ris (1883), as est rights in that Government of a		
anormanon w, and (c	expanse of the Gover c) to cooperate in any y this Assignment en	manner with the Gov	e any document for, remment in order to	(b) to deliver any n allow the Governm	equested ent to protect any		
4. Authorize and	request the attorney	s of record in the app	lication to insert the	application numbe	r and filing date		
			9/2012	(a)			
(Signature of Inventor)		(Da	te Assignment Execute	(Date Applic	stion Executed)		
NATHANIEL A. GI (Inventor's Typed Nam	NIEL A. GILL 4809 Rollingtop Road Ellicott City MD 21043						
(Signature of Inventor)			'e Assignment Execute	vii (Data Apella			
Vark M. Giza			o mognition Exposic	w) (Date Applic	BTION Executed)		
(Inventor's Typed Nami	•)	(Malling Addre	ee - including Country)			
(Signature of Inventor)		(Dat	e Assignment Execute	d) (Date Applic	ation Executed)		
(Inventor's Typed Name)	(Maiung Arlore	ss - Including Country				

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PATENT REEL: 041205 FRAME: 0440



Assignment to the Government (by Government Employee)

: noilneval 10 elli)	ICAT: REAL TIME LIDAR SIGNAL PROCESSING FPGA MODULES							
Inventor(s):	NATHANIEL A. GILL, MARK M. GIZA							
241								
NASA Case No.:	GSC-17215-1	Application No.*:	15/280127	_ Filing Date*:	9/29/2016			
WHEREAS, the par Government (hereal Administration;	ties to this Assignms fter Government), as	nt and Agreement are represented by the A	e the undersigned im Idministrator of the N	rentor(e) and the L ational Aeronautic	Inited States a and Space			
WHEREAS, the mai	king of this Assignme	ent and Agreement is	in accordance with 3	7 CFR Part 501; a	and .			
WHEREAS, the unc States Patent on the	lersigned inventor(s) above-entited inve	i has (have) executed ntion.	, on the date(s) indica	ated below, en ep;	olication for United			
1, Assign to the America its territoric	i Government my (òt ss and possessions.	employment by the G ir) full and exclusive r and my (our) entire r application(s) and an	ight in and to said inv oht, title and interest	ention within the l In and to said app	Jnited States of floation, and any			
accordance with 37 amended. If the Gorcountry, in accordar	CFR 501,9(d), inclui vernment chooses n nos with 37 CFR 501	t my (our) full and ext ding rights of priority t ot to file an applicatio .9(d), and such rights cense in the invention will appear, where p	inder the Internations In any foreign coun will be subject to the with nower to orant I	al Convention of P try, I (we) may req a reservation to the icenses for all cov	ans (1563), as uest rights in that : Government of a ernmental			
information to, and	expense of the Gov (c) to cooperate in a by this Assignment o	remment, (a) to execu ny manner with the G and Agreement.	nte any document for overnment in order to	(b) to deliver any allow the Govern	requested ment to protect any			
*4. Authorize an	id request the attorni	eys of record in the e	oplication to insert the	application numb	er and fliing date			
above when require	d.		G The state of the		tio to			
(Signature of Invento	A	TECHNOLOGICAL CONTRACTOR OF THE PARTY OF THE	lete Assignment Execu	ted) (Data Anz	lication Executed)			
NATHANIEL A. C	3[LL	4809 Roll	ingtop Road Ellicot treas - Including Count	t City MD 21043	· · · · · · · · · · · · · · · · · · ·			
(Signature of Invento	re		leje Assigranoni Execu	ted (Dete Apr	lication Executed)			
Mark M. Giza	&	3106 Fay	ette Rd Kensingtor dress - Including Count	MD 20895	,			
(Signature of Invento	} 	, , , , , , , , , , , , , , , , , , ,	Sate Assignment Execu	ted) (Date App	ilication Executed)			
(Inventor's Typed Ne	me)	(Majing Ad	dress - Including Count	7/)				
		DITIONS ARE DESCLE	ITE,					

PATENT REEL: 041205 FRAME: 0441

RECORDED: 02/08/2017