PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mr. Michael J. DiPirro	12/04/2009
Mr. Thomas P. Hait	11/07/2009
Mr. James G. Tuttle	12/04/2009

RECEIVING PARTY DATA

llName:	United States of America as represented by the Administrator of the National Aeronautics and Space Administration
Street Address:	NASA Headquarters
City:	Washington
State/Country:	DISTRICT OF COLUMBIA
Postal Code:	20546

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12560535

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: GSC 15,699-1

NAME OF SUBMITTER: Milelene Gunyon

Total Attachments: 2

501070162

PATENT REEL: 023816 FRAME: 0159

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> PATENT REEL: 023816 FRAME: 0160



Assignment to the Government (by Government Employee)

Title of Invention:	Low Temperature Radiometer							
Inventor(s):	Michael J. DiPirro, Thomas P. Hait, James G. Tuttle							
NASA Case No.:	GSC 15,699-1	Application No.*:	12/560,535	Filing Date*:	9/16/2009			
WHEREAS, the part Government (hereat Administration;	ties to this Assignmen fter Government), as r	t and Agreement are epresented by the A	e the undersigned inve dministrator of the Nat	ntor(s) and the U ional Aeronautic	Inited States s and Space			
WHEREAS, the mal	king of this Assignmer	nt and Agreement is	in accordance with 37	CFR Part 501; a	nd			
WHEREAS, the und States Patent on the	ersigned inventor(s) he above-entitled invent	nas (have) executed, don.	on the date(s) indicate	ed below, an app	lication for United			
 Assign to the America, its territorie 	Government my (our) as and possessions, a	full and exclusive ri nd my (our) entire ri	overnment, the unders ght in and to said inver ght, title and interest in patent(s) that may iss	ntion within the U and to said app	Inited States of lication, and any			
accordance with 37 amended. If the Gov country, in accordant nonexclusive, irrevolution	CFR 501.9(d), including rernment chooses not ce with 37 CFR 501.9 cable, royalty-free lice	ng rights of priority u to file an application (d), and such rights nse in the invention	lusive foreign rights in nder the International () in any foreign country will be subject to the rewith power to grant lice acticable, in any foreig	Convention of Pa , I (we) may requeservation to the enses for all gove	aris (1883), as uest rights in that Government of a ernmental			
information to, and (expense of the Gover c) to cooperate in any by this Assignment and	manner with the Go	te any document for, (b vernment in order to a	o) to deliver any i llow the Governr	requested nent to protect any			
*4. Authorize and above when required	d request the attorney i.	s of record in the ap	plication to insert the a	pplication numbe	er and filing date			
(Signature of Inventor)		(Da	ate Assignment Executed) (Date Appl	cation Executed)			
Michael J. DiPirro (Inventor's Typed Nam	ne)	11018 Oakwood Street, Silver Spring, MD 20901 (Mailing Address - Including Country)						
Humb Hall		11	/07/2009					
(Signature of Inventor)			ate Assignment Executed	(Date Appli	cation Executed)			
Thomas P. Hait (Inventor's Typed Nam	ne)		th Point Lane, Laure ess - Including Country)	I MD 20708	·			
(Signature of Inventor)		······································	ate Assignment Executed	(Date Angli	cation Executed)			
James G. Tuttle			-		THE PERSON NAMED IN			
(Inventor's Typed Nam	re)	5158 Evangelìne Way, Columbia, MD 21044 (Mailing Address - Includina Country)						

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Assignment to the Government (by Government Employee)

Title of Invention:	Low Temperature Radiometer							
Inventor(s);	Michael J. DiPirro, Thomas P. Hait, James G. Tuttle							
NASA Case No.:	GSC 15,699-1 Application No.*: 12/560,535 Filing Date*: 9/16/2009							
	les to this Assignmen ter Government), as :							
WHEREAS, the mak	king of this Assignmen	nt and Agreement is	in accordance with 3	7 CFR Part 501; a	nd			
	ersigned inventor(s) i above-entitled inven		on the date(s) indica	ted below, an app	elication for United			
Assign to the America, its territoric corresponding conting	, in consideration of a Government my (our as and possessions, a nuation or divisional a at to the Government CFR 501.9(d), includi) full and exclusive ri and my (our) entire ri pplication(s) and any my (our) full and exc	ight in and to said invight, title and interest in patent(s) that may is it is it is foreign rights in the said in	ention within the t n and to said app isue therefrom. n and to said inve	lication, and any			
amended. If the Gov country, in accordan nonexclusive, irrevo-	vernment chooses not ce with 37 CFR 501.s cable, royalty-free lice s of such reservation	t to file an application 9(d), and such rights ense in the invention	in any foreign count will be subject to the with power to grant li	ry, I (we) may requireservation to the censes for all governments	uest rights in that Government of a ernmental			
information to, and (expense of the Gove c) to cooperate in any by this Assignment ar	manner with the Go	te any document for, overnment in order to	(b) to deliver any allow the Governi	requested ment to protect any			
*4. Authorize and above when required	d request the attorney	s of record in the ap	plication to insert the	application numb	er and filing date			
Mi Lal	1. D.P.		4 - Dec 0 9 late Assignment Execute					
(Signature of Inventor		**	•		Cation Executed)			
Michael J. DiPirro (Inventor's Typed Nen								
(Signature of inventor			ate Assignment Execute	ad) (Date App	lication Executed)			
Thomas P. Hait			rth Point Lane, Lau					
(Inventor's Typed Neh		• •	ress - including Country 12/4/69					
(Significate of inventor)		(D	/2/4/6/7 vate 'Aasignment Execute	ed) (Date App.	icetion Executed)			
James G. Tuttle		5158 Evar	ngeline Way, Colum	bia, MD 21044				
(Inventor's Typed Nen	ne)	(Mailing Add	ress - including Country)				

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PATENT REEL: 023816 FRAME: 0162

RECORDED: 01/20/2010