PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHEW MCLINDEN	07/08/2020
GERALD HEYMSFIELD	07/06/2020
LIHUA LI	06/16/2020
JOEL SUSSKIND	06/04/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16878978	

CORRESPONDENCE DATA

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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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Correspondent Name: MILELENE GUNYON

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-18292-1

NAME OF SUBMITTER: MILELENE GUNYON

SIGNATURE: /milelene gunyon/

DATE SIGNED: 07/15/2020

Total Attachments: 4

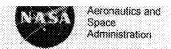
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PATENT REEL: 053216 FRAME: 0201

EPAS ID: PAT6201378

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Title of Invention:	REMOTE SENSING ATMOSPHERIC PRESSURE PROFILES THROUGH COMBINED RADAR AND/OR RADIOMETER MEASUREMENTS						
Inventor(s)	Maithew McLind	Matthew McLinden, Gerald Heymsfield, Lihua Li, Joel Susskind					
NASA Case No.:	GSC-18292-1	Application No.*	16/878,978	Filing Date*: 5/20/2020			
WHEREAS, the par Government (herea Administration,	ties to this Assignment fler Government), as	nt and Agreement ar represented by the <i>i</i>	e the undersigned invent Administrator of the Natio	or(s) and the United States nal Aeronautics and Space			
WHEREAS, the ma	king of this Assignme	nt and Agreement is	in accordance with 37 C	FR Part 501; and			
WHEREAS, the und States Patent on the	dersigned inventor(s) a above-entitled inven	nas (have) executed tion	, on the date(s) indicated	below, an application for United			
 Assign to the America, its territori 	: Government my (our es and possessions, r) full and exclusive r and my (our) entire r	iovernment, the undersig ight in and to said invent ight, title and interest in a y patent(s) that may issu	ion within the United States of and to said application, and gray			
accordance with 37 amended. If the Gordontry, in accordar nonexclusive, irrevo	CFR 501 9(d), includ vernment chooses no noe with 37 CFR 501.1 cable, royalty-free lice	ng rights of priority in the file an application (in the file and such rights one in the invention in the invention in the invention (in the invention).	n in any foreign country, i will be subject to the res with power to grant licen	nd to said invention, in provention of Paris (1883), as five in that five) may request rights in that ervation to the Government of a lises for all governmental patent which may issue on such			
information to, and i		rmanner with the Gr		to deliver any requested ow the Government to protect any			
		vs of record in the ap	pplication to insert the ap	plication number and filing date			
above when require 27 4 2 1 (Signature of Invento)	H-147.		7/8/2020 Rate Assignment Executed)	(Date Application Executed)			
Matthew McLinde		7X Resea	rch Road Greenbelt MD 20	770			
(Inventor's Typed Na		(Mailing Add	Iress - Including Country)				
(Signature of Inventor	7	(f)ate Assignment Executed)	(Date Application Executed)			
Gerald Heymsfiel (Inventor's Typed Na		(Mailing Ad	dress - Including Country)				
(Signature of Inventor	n	Ţ¢.	Pate Assignment Executed)	(Date Application Executed)			
Lihua Li		242 N					
(inventor's Typed Na	me) IC 2000 PREVIOUS ED		lress - Including Country) ⊤⊏				
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Title of Invention:	REMOTE SENS	ING ATMOSPHER RADIOMETER M	NC PRESSURE PRO	DFILES THROU	JGH_COMBINED	
inventor(s):			ield, Lihua Li, Joel S	usskind		
NASA Case No.:	GSC-18292-1	Application No.*:	16/878,978	Filing Date*:	5/20/2020	
WHEREAS, the part Government (hereaf Administration;	ies to this Assignmer ter Government), as	nt and Agreement are represented by the A	e the undersigned inve dministrator of the Nat	ntor(s) and the U ional Aeronautics	Inited States s and Space	
WHEREAS, the mak	ing of this Assignmen	nt and Agreement is	in accordance with 37	CFR Part 501; a	nd	
	ersigned inventor(s) t	nas (have) executed	on the date(s) indicate			
America, its territorie	s and possessions, a) full and exclusive ne	overnment, the unders ght in and to said inver ght, title and interest in patent(s) that may iss	tion within the U	nited States of cation, and any	
amended. If the Gove country, in accordance nonexclusive, irrevoca	ernment chooses not e with 37 CFR 501.9	to file an application (d), and such rights verse in the invention	usive foreign rights in a nder the International C in any foreign country, will be subject to the re with power to grant lice acticable, in any foreign	Convention of Par I (we) may requi servation to the (ris (1883), as est rights in that Government of a	
3. Agree, at the e information to, and (c) interest transferred by			e any document for, (b) rernment in order to all) to deliver any re ow the Governm	equested ent to protect any	
*4. Authorize and above when required.	request the attorneys	of record in the app	lication to insert the ap	plication number	and filing date	
(Signature of Inventor) Matthew McLinden		(Dat	te Assignment Executed)	(Date Applica	ation Executed)	
(Inventor's Typed Name		(Mailing Addre	ss - Including Country)			
(Signature of Inventor)	tymp	(Dal	e Assignment Executed)	(Date Applica	ation Executed)	
Gerald Heymsfield (Inventor's Typed Name)		11213 Tri (Mälling Addre	ppon Court, North Potom ss - Including Country)			
(Signature of Inventor) Lihua Li		(Date	e Assignment Executed)	(Date Applica	ition Executed)	
(Inventor's Typed Name)		(Mailing Addres	ss - Including Country)			
NASA FORM 430 DEC 2	000 PREVIOUS EDITI					



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Title of Invention:	REMOTE SENSING ATMOSPHERIC PRESSURE PROFILES THROUGH COMBINED RADAR AND/OR RADIOMETER MEASUREMENTS					
Inventor(s):	ventor(s): Matthew McLinden, Gerald Heymsfield, Lihua Li, Joel Susskind					
		, ,	, ,			
NASA Case No.:	GSC-18292-1	Application No.*:	16/878,978	_ Filing Date*:	5/20/2020	
	es to this Assignment er Government), as r					
WHEREAS, the mak	ing of this Assignmen	t and Agreement is	in accordance with 3	7 CFR Part 501; a	ind	
	ersigned inventor(s) h above-entitled invent	· ·	on the date(s) indica	ated below, an app	olication for United	
 Assign to the America, its territorie 	in consideration of en Government my (our) s and possessions, a uation or divisional ap	full and exclusive rind my (our) entire ri	ght in and to said inv ght, title and interest	ention within the Uin and to said app		
accordance with 37 (amended. If the Gove country, in accordand nonexclusive, irrevoc	to the Government r CFR 501.9(d), includir ernment chooses not be with 37 CFR 501.9 able, royalty-free licel of such reservation v	ng rights of priority u to file an applicatior (d), and such rights nse in the invention	nder the Internationa in any foreign count will be subject to the with power to grant li	Il Convention of Parry, I (we) may req reservation to the dicenses for all gov	aris (1883), as uest rights in that Government of a ernmental	
information to, and (d	expense of the Gover c) to cooperate in any y this Assignment and	manner with the Go				
*4. Authorize and above when required	request the attorney	s of record in the ap	plication to insert the	application numb	er and filing date	
(Signature of Inventor)		(D	ate Assignment Execut	ed) (Date App	lication Executed)	
Matthew McLinder (Inventor's Typed Name		(Mailing Address - Including Country)				
(Signature of Inventor)			ate Assignment Execut	ed) (Date App	lication Executed)	
Gerald Heymsfield		(Mailing Add	ress - Including Country	<i>(</i>)		
Lihua Li		ne ne	6/16/2020	05/20/20	20	
(Signature of Inventor)			ate Assignment Execut		lication Executed)	
Lihua Li		•	ey Search Circle, E		21042, USA	
(Inventor's Typed Nam						

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Title of Invention:	REMOTE SENSING ATMOSPHERIC PRESSURE PROFILES THROUGH COMBINED RADAR AND/OR RADIOMETER MEASUREMENTS					
Inventor(s):	Matthew McLinden, Gerald Heymsfield, Lihua Li, Joel Susskind					
NASA Case No.:	GSC-18292-1	Application No.*:	16/878,978	Filing Date*:	5/20/2020	
WHEREAS, the parti Government (hereaft Administration;						
WHEREAS, the mak	ng of this Assignmen	t and Agreement is	in accordance with	37 CFR Part 501; a	nd	
WHEREAS, the unde States Patent on the			on the date(s) indic	cated below, an app	olication for United	
NOW THEREFORE, 1. Assign to the America, its territories corresponding contin	Government my (our) s and possessions, a	full and exclusive ri	ght in and to said in ght, title and interes	vention within the L t in and to said app		
2. Agree to grant accordance with 37 C amended. If the Gove country, in accordance nonexclusive, irrevocutions. The terms invention.	ernment chooses not be with 37 CFR 501.9 able, royalty-free lice	ng rights of priority u to file an application (d), and such rights nse in the invention	nder the Internation in any foreign cour will be subject to th with power to grant	al Convention of Pa ntry, I (we) may reque e reservation to the licenses for all gove	aris (1883), as uest rights in that Government of a ernmental	
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above when required	request the attorney	s of record in the ap	plication to insert th	e application numb	er and filing date	
joel sus	skind		6/04/2020			
(Signature of Inventor)		•	ate Assignment Execu		lication Executed)	
Joel Susskind (Inventor's Typed Nam	e)		as Drive, North P ress - <i>Including Count</i>		8 USA	
(Signature of Inventor)		(D	ate Assignment Execu	(Date Appl	lication Executed)	
(Inventor's Typed Nam	e)	(Mailing Add	ress - Including Count	ry)		
(Signature of Inventor)		(D	ate Assignment Execu	ted) (Date Appl	lication Executed)	

(Mailing Address - Including Country)

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(Inventor's Typed Name)

RECORDED: 07/15/2020