PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PATRICK W FINK	06/28/2017
GREGORY Y LIN	06/28/2017
TIMOTHY F KENNEDY	06/28/2017
PHONG H NGO	06/28/2017

RECEIVING PARTY DATA

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State/Country:	DISTRICT OF COLUMBIA
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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15635965	

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ATTORNEY DOCKET NUMBER:	MSC-26341-1
NAME OF SUBMITTER:	KURT G. HAMMERLE
SIGNATURE:	/kgh/
DATE SIGNED:	06/28/2017

Total Attachments: 2

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PATENT 504435765 REEL: 042851 FRAME: 0859

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PATENT REEL: 042851 FRAME: 0860



Assignment to the Government (by Government Employee)

Title of Invention: FREQUENCY MULTIPLEXED RADIO FREQUENCY IDENTIFICATION

NASA FORM 438 DEC 2000 PREVIOUS EDITIONS ARE OBSOLETE.

Inventor(s): Patrick W. Fink, Gregory Y. Lin, Center	, Timothy F. Kenned	y, and Phong H. Ngo all s	mployees of NASA	A Johnson Space
NASA Case No.: MSC-26341-1	Application No.*:	· · · · · · · · · · · · · · · · · · ·	Filing Date*:	06/28/2017
WHEREAS, the perties to this Assignment Government (hereafter Government), as re Administration;	and Agreement are presented by the A	the undersigned invendinistrator of the Netic	tor(s) and the Un onal Aeronautics	ited States and Space
WHEREAS, the making of this Assignment	and Agreement is	in accordance with 37 (CFR Part 501; an	ರ
WHEREAS, the undersigned inventor(s) ha States Patent on the above-entitled invention	is (have) executed, on.	on the date(s) indicated	i below, an applic	cation for United
NOW THEREFORE, in consideration of em 1. Assign to the Government my (our) if America, its territories and possessions, and corresponding continuation or divisional app	full and exclusive ri d my (our) entire rig	ght in and to said invent tht, title and interest in a	ion within the Un and to said applic	ited States of ation, and any
 Agree to grant to the Government maccordance with 37 CFR 501.9(d), including amended. If the Government chooses not to country, in accordance with 37 CFR 501.9(d) nonexclusive, irrevocable, royalty-free licent purposes. The terms of auch reservation will invention. 	3 rights of priority up office an application 1), and such rights se in the invention	nder the International Ca in any foreign country, will be subject to the res with power to grant licer	onvention of Pari I (we) may reque servation to the G ses for all govern	s (1883), as st rights in that overnment of a nmental
Agree, at the expense of the Governinformation to, and (c) to cooperate in any minterest transferred by this Assignment and.	nanner with the Go	e any document for, (b) vernment in order to allo	to deliver any red bw the Governme	quested int to protect any
*4. Authorize and request the attorneys above wiegrequired.	of record in the app	ilication to insert the ap	olication number	and filing date
15 U./42	. (****1000)	6-28-17	6-6	28-17
(Signature of Inventor)	***************************************	te Assignment Executed)	(Date Applica	tion Executed)
Patrick W. Fink (Inventor's#yped Name)		allton Ct., Missouri Cit	y <u>. TX 77459 </u>	
N. 400	(waning Addin	ess - Including Country)		
Lung Y Lin	minimum	6/28/17	6/28	//7
(Signature/cd);;;ibent@f		te Assignment Executed)	7.7	fion Executed)
Gregory Y. Liu (Inventor's Typed Name)		a Run Dr., Friendswoos	LXX.77546	
1 1 K	(maning source	rss - Including Country) [/a e.] [2	6/2	£-/10
(SigNature of Inventor)	(Dai	— 10/6-X/L/2 le Assignment Executed)	(Date Applica	0 / 1 fr lich Executed)
Timothy F. Kennedy (Inventor's Typed Name)	14322 Grac (Mailing Addre	e Meadow Lane, Sugar	60° - 60° °	and or of

PATENT REEL: 042851 FRAME: 0861



RECORDED: 06/28/2017

Assignment to the Government (by Government Employee)

Title of Invention: Frequency Multiplexed Radio Frequency Identification

Inventor(s): Patrick (Center	W. Fink, Gregory Y. Lir	, Timothy F. Kennedy, and Phong H. Ngo all	employees of NASA	Johnson Space
NASA Case No.:	MSC-26341-1	Application No.*:	Filing Date*:	06/28/2017
WHEREAS, the part Government (hereaf Administration;	ies to this Assignmen ter Government), as n	t and Agreement are the undersigned inve epresented by the Administrator of the Nat	ntor(s) and the Uni ional Aeronautics i	ited States and Space
WHEREAS, the mak	ing of this Assignmen	t and Agreement is in accordance with 37	CFR Part 501; and	1
WHEREAS, the undenstates Patent on the	ersigned inventor(s) h above-entitled invent	as (have) executed, on the date(s) indicate on.	ed below, an applic	ation for United
 Assign to the America, its territorie 	Government my (our) a and possessions, ar	nployment by the Government, the unders full and exclusive right in and to said inver nd my (our) entire right, title and interest in plication(s) and any patent(s) that may iss	ntion within the Uni and to said applica	ted States of ation, and any
accordance with 37 (amended. If the Gove country, in accordance nonexclusive, irrevoc	OFR 501.9(d), including emment chooses not be with 37 CFR 501.9(able, royalty-free licer	ny (our) full and exclusive foreign rights in a grights of priority under the International (to file an application in any foreign country (d), and such rights will be subject to the relise in the invention with power to grant lice till appear, where practicable, in any foreign	Convention of Paris , I (we) may reques servation to the G snses for all govern	s (1883), as et rights in that overnment of a imental
3. Agree, at the of information to, and (cointerest transferred by) to cooperate in any	nment, (a) to execute any document for, (b manner with the Government in order to al Agreement.) to deliver any rec low the Governme	juested nt to protect any
above when sequired	request the attorneys	of record in the application to insert the a		and filing date -8/2∞17-
(Signatur) of Investor)	00000000000000000000000000000000000000	(Date Assignment Executed)	(Date Applica	
Phong H. Ngo (Inventor's Typed Name	9)	1508 Azalea Trail, Friendswood, (Mailing Address - Including Country)	TX 77546	
(Signature of Inventor)		(Date Assignment Executed)	(Date Applicat	tion Executed)
(Inventor's Typed Name	*)	(Mailing Address - Including Country)		***************************************
(Signature of Inventor)		(Date Assignment Executed)	(Date Applicat	ion Executed)
(Inventor's Typed Name	»)	(Mailing Address - Including Country)	***************************************	
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PATENT REEL: 042851 FRAME: 0862