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

Name:	United States of America as represented by the Administrator of the National Aeronautics and Space Administration
Street Address:	300 E Street, S.W.
City:	Washington
State/Country:	DISTRICT OF COLUMBIA
Postal Code:	20546

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15635843

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ATTORNEY DOCKET NUMBER:	MSC-26339-1
NAME OF SUBMITTER:	KURT G. HAMMERLE
SIGNATURE:	/kgh/
DATE SIGNED:	06/28/2017

Total Attachments: 2

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PATENT REEL: 042850 FRAME: 0825



Assignment to the Government (by Government Employee)

Title of Invention: PREQUENCY MULTIPLEXED RADIO PREQUENCY IDENTIFICATION

Inventor(s): Patrick W. Fink, Gregory Y. Lin, Timothy F. Kennedy, and Phong H. Ngo all employees of NASA Johnson Spac Center	36
NASA Case No.: MSC-26339-1 Application No.*: Filing Date*: 06/28/20)17
WHEREAS, the parties to this Assignment and Agreement are the undersigned inventor(s) and the United States Government (hereafter Government), as represented by the Administrator of the National Aeronautics and Space Administration;	
WHEREAS, the making of this Assignment and Agreement is in accordance with 37 CFR Part 501; and	
WHEREAS, the undersigned inventor(s) has (have) executed, on the date(s) indicated below, an application for Unit States Patent on the above-entitled invention.	ed
NOW THEREFORE, in consideration of employment by the Government, the undersigned hereby: 1. Assign to the Government my (our) full and exclusive right in and to said invention within the United States of America, its territories and possessions, and my (our) entire right, title and interest in and to said application, and any corresponding continuation or divisional application(s) and any patent(s) that may issue therefrom.	: y
2. Agree to grant to the Government my (our) full and exclusive foreign rights in and to said invention, in accordance with 37 CFR 501.9(d), including rights of priority under the International Convention of Paris (1883), as amended. If the Government chooses not to file an application in any foreign country, I (we) may request rights in the country, in accordance with 37 CFR 501.9(d), and such rights will be subject to the reservation to the Government of nonexclusive, irrevocable, royalty-free licenses in the invention with power to grant licenses for all governmental purposes. The terms of such reservation will appear, where practicable, in any foreign patent which may issue on surinvention.	8
3. Agree, at the expense of the Government, (a) to execute any document for, (b) to deliver any requested information to, and (c) to cooperate in any manner with the Government in order to allow the Government to protect a interest transferred by this Assignment and Agreement.	any
*4. Authorize and request the attorneys of record in the application to insert the application number and filing date above wixelly required.	3
(Signature of Inventor) (Signature of Inventor) (Signature of Inventor) (Date Application Executed) (Date Application Executed)	
Patrick W. Fink 10503 Carrallton Ct., Missouri City, TX 77459 (Inventor X) spect Name) (Mailing Address - Including Country)	**********
Alum 4 Li 6/28/17 6/28/17	
Chaire Assignment Executed) (Date Application Executed) (Date Application Executed)	**********
Grégory Y. Ma. 2914 Reguta Run Dr. Friendswood, TX 77546 (Inventor's Typed Name) (Meilling Address - Invitating Country)	
Geneture of Invention Garage Assignment Executed (Date Asplication Executed) (Date Asplication Executed)	**********
Timothy F. Kennedy 14322 Grace Meadow Lane, Sugar Land, TX 77498	1211.119888
(Mailing Address - Including Country) NASA FORM 438 DEC 2000 PREVIOUS EDITIONS ARE OBSOLETE.	initia

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Assignment to the Government (by Government Employee)

Title of Invention: Frequency Multiplexed Radio Frequency Identification

	,	, Timothy F. Kennedy, and	Phong H. Ngo all em	ployees of NASA	Johnson Space
NASA Case No.: <u>N</u>	ASC-26339-1	Application No.*:		Filing Date*:	06/28/2017
WHEREAS, the parties Government (hereafter Administration;	to this Assignment Government), as re	and Agreement are the uppresented by the Admini	indersigned invento strator of the Nation	or(s) and the Unit al Aeronautics s	led States ind Space
WHEREAS, the making	រុ of this Assignmen	t and Agreement is in acc	ordance with 37 CF	R Part 501; and	
WHEREAS, the unders States Patent on the ab	igned inventor(s) hi ove-entitled inventi	as (have) executed, on th on.	e date(s) indicated	below, an applic	ation for United
America, its territories a	vernment my (our) nd possessions, ar	nployment by the Govern full and exclusive right in id my (our) entire right, tit plication(s) and any pater	and to said invention le and interest in an	on within the United to said applies	ed States of ition, and any
accordance with 37 CFF amended. If the Govern country, in accordance nonexclusive, irrevocable	< 501.9(d), including ment chooses not to with 37 CFR 501.9(e, royalty-free licen	ry (our) full and exclusive g rights of priority under ti o flie an application in an d), and such rights will be se in the invention with p ll appear, where practical	ne International Cor / foreign country, I (subject to the rese ower to grant licens	nvention of Paris (we) may reques rvation to the Go es for all govern	(1883), as t rights in that evernment of a
mionnation to, and (c) to	o cooperate in any r	ment, (a) to execute any nanner with the Governm Agreement.	document for, (b) to ent in order to allow	deliver any requiration deliver any requiration of the Government	uested It to protect any
*4. Authorize and recaptory when the control of the	cooperate in any r iis Assignment and	nanner with the Governm Agreement. of record in the applicatio	ent in order to allow In to insert the appli	the Government training the Government of the Go	nd filing date
interest transferred by the *4. Authorize and rec	cooperate in any r iis Assignment and	nanner with the Governm Agreement. of record in the applicatio	ent in order to allow In to insert the appli 2017	the Government cation number a (2 %)	nd filing date
*4. Authorize and recabove when required. (Signature of Inventor) Phone H. Ngo (Inventor's Typed Name)	tooperate in any rais Assignment and quest the attorneys	nanner with the Governm Agreement. of record in the application (Date Ass (Mailing Address - In	ent in order to allow In to insert the appli 2017	the Government cation number a (2 %)	nd filing date 20 120 120 100 100 100 100 100 100 100 1
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*4. Authorize and recabove when required. (Signature of Inventor) Phone H. Neo (Inventor's Typed Name)	cooperate in any rais Assignment and quest the attorneys	nanner with the Governm Agreement. of record in the application (Date Ass.) 1508 Azalea Train (Mailing Address - In) (Mailing Address - In)	ent in order to allow in to insert the appli 2017 [mment Executed] L. Friendswood, T.> cluding Country) gament Executed)	the Government cation number a (2 %) (Date Application (27546)	nd filling date 20 (

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RECORDED: 06/28/2017