503484463 09/17/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3531088

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PATRICK W FINK	09/17/2015
ANDREW W CHU	09/17/2015
GREGORY Y LIN	09/17/2015
TIMOTHY F KENNEDY	09/17/2015
PHONG H. NGO	09/17/2015
DEWEY T BROWN	09/17/2015
DIANE BYERLY	09/17/2015

RECEIVING PARTY DATA

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City:	Washington
State/Country:	DISTRICT OF COLUMBIA
Postal Code:	20546

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14184303	

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: JSC OFFICE OF PATENT COUNSEL

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ATTORNEY DOCKET NUMBER:	MSC-25758-1
NAME OF SUBMITTER:	KURT G. HAMMERLE
SIGNATURE:	/kgh/

PATENT 503484463 REEL: 036592 FRAME: 0763

DATE SIGNED:	09/17/2015			
Total Attachments: 7				
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Inventor(s): Patrick Byerly	W. Fink, Andrew W. C all employees of NASA	hu, Gregory Y. Lin, T Johnson Space Cente	mothy F. Kennedy, Pl	hong B. Ngo, Dewey 1	. Brown, and Diane
NASA Case No.:	MSC-25758-1	Application No.*:	14/184,303	Filing Date*;	02/19/2014
WHEREAS, the part Government (hereal Administration;	lies to this Assignmer ter Government), as i	nt and Agreement an represented by the A	e the undersigned in Idministrator of the f	ventor(s) and the Ur Vational Aeronautics	illed States and Space
WHEREAS, the mal	ding of this Assignmen	nt and Agreement is	in accordance with	37 CFR Part 501; en	đ
WHEREAS, the und States Patent on the	ersigned inventor(s) h above-entitled invent	tas (have) executed tion.	on the date(s) indic	ated below, an appli	cation for United
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	request the attorneys	<u></u>	نتنت ه		
(Signature of Inventor)		(Da	-[]-Qo]5 te Assignment Execute	(Date Applica	
Patrick W. Fink		10503 Carr	allton Ct., Missouri		,
(Inventor's Typed Name	9)		ss - Including Country		
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Andrew W. Chu		439 Cranbr	ook Ln. Houston, T.		wind order
(Inventor's Typed Name)	(Mailing Addre	ss - Including Country,)	***************************************
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Gregory W. Lin			Run Dr., Friendsy		
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NASA FORM 436 DEC	2000 PREVIOUS EDITI				Page 1 nF3

Page 1 of 3



Title of Invention:)	Vothods, Systems and A	pparateses for Radio I	requency Identificati	on	
inventor(s): Patrick Byerly	W. Fink, Andrew W. Cl all employees of NASA	ui, Gregory Y. Lin, Ti Johnson Space Cenics	mothy F. Kennedy, P	hong H. Ngo, Dewey T.	Brown, and Diane
NASA Case No.:	MSC-25758-1	Application No.*:	14/184,303	Filing Date':	02/19/2014
WHEREAS, the par Government (hereal Administration;	ties to this Assignmen fter Government), as n	t and Agreement an epresented by the A	the undersigned in dministrator of the t		
WHEREAS, the mail	king of this Assignmen	t and Agreement is	in accordance with	37 CFR Part 501: and	*
WHEREAS, the und	ersigned inventor(s) to above-entitled inventi	havel everyad			
America, its territorie	, in consideration of en Government my (our) is and possessions, ar tuation or divisional ap	idii and exclusive ng	ght in and to said in	vention within the Unit	ed States of tion, and any
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(Signature of Inventor)	Andrew Control of the	(Cat	e Assignment Execute	ord Charles I	
Patrick W. Fink			llton Ct., Missouri		n Executed)
(Inventor's Typed Name)	(Mailing Addre	ss - Including Country	CIEY, 12 //459	***************************************
- AND	a december of		9/17/15		. 1
(Signature of Inventor)		(Date	Assignment Execute	<u> </u>	<i>1/15</i>
Andrew W. Chu (Inventor's Typed Name,)	439_Cranbro	ok Ln. Houston, T) is - Including Country)	(77573	n Executed)
(Signature of inventor)	and the second s				
			Assignment Executed	The state of the s	Exacuted)
Gregory W. Lin (Inventor's Typed Name)		2914 Regata	Run Dr., Friendswa	ood, TX 77546	v
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PATENT

Page 1 of 3

REEL: 036592 FRAME: 0766



Title of Invention:	Methods, Systems and A	Apparatuses for Radio F	requency Identification	ก	
Inventor(s): Pairick Byerly	W. Fink. Andrew W. C all employees of NASA	Thu, Gugary Y. Lin, Ti Vlohuson ©pace Center	mothy F. Kennedy, Ph	ong H. Ngo, Dewey T	Brown, and Diane
NASA Casa No.:	MSC-2575a-1	Application No.*:	14/184,303	Filing Date*:	02/19/2014
WHEREAS, the par Government (herea Administration;	ties to this Assignme fter Government), as	nt and Agreement are represented by the A	e the undersigned or dministrator of the N	ventor(s) and the Un lational Aeronautics	ited States and Space
WHEREAS, the ma	king of this Assignme	ent and Agreement is	in accordance with 3	17 CFR Part 501; an	d
WHEREAS, the unc States Patent on the	lersigned inventor(s) above-entitled inver	has (have) executed, ntion.	on the date(s) indic	aled below, an appli	cation for United
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accordance with 37 amended. If the Gov country, in accordan nonexclusive, irrevol	of to the Government CFR 501.9(d), including remment chaoses not ce with 37 CFR 501.0 cable, royalty-free lice to fauch reservation	ing rights of priority u t to file an application 3(d), and such rights anse in the invention	nder the Internations in any foreign count will be subject to the with power to grant if	il Convention of Pari ry, i (we) may reque reservation to the G ceoses for all govern	s (1883), as st rights in that overnment of a
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*4. Authorize and above when required	f request the attorney (.	s of record in the app	dication to insert the	application number	and filing date
(Signature of Inventor)		(Oe	ile Assignment Executs	(Date Applica	tion Executed)
Patrick W. Fink (Inventor's Typed Nam	<i>S)</i>		aliton Ct., Missouri ess - Including Country,		- And Andrews - And Andrews
(S ynature of Inventor)		(Da	te Assignment Execute	d) (Oute Applica	lion Executed)
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ASA FORM 439 DEC	2000 PREVIOUS EDIT	TIONS ARE OBSOLETI	<u>.</u>		Page 1 of 3



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Invantor(s): Patrick Byorly:	W. Fink, Andrew W. (sil employees of NAS/	Thu, Gregory Y. Lin, Ti Vohnson Space Center	mothy F. Kennedy, Pho	ng H. Ngo, Dewey T	. Brown, and Diane
NASA Case No.:	MSC-25758-1	Application No.*:	14/184,303	Filing Date*;	02/19/2014
WHEREAS, the par Government (herea Administration;	lies to this Assignme fler Government), as	nt and Agreement are represented by the A	the undersigned inve dministrator of the Na	entor(s) and the Un tional Aeronautics	ited States and Space
WHEREAS, the mal	ting of this Assignme	nt and Agreement is	in accordance with 37	CFR Part 501: and	Í
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(Signature of Inventor) Timothy F. Kennedy (Inventor's Typed Name		/4322 ⁽⁷ 8) 177:1 Brian Weiling Addre	a Assignment Executed (A Service of the A Service of the	9/n/ W (Pele Applicat Troys	ion Executed) NO; TX 77498
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(Signature of Inventor)		(Det	e Assignment Executed)	(Date Applicati	on Executed)
Phong H. Ngo (Inventor's Typed Name)	1508 Azales (Mailing Addre	Trail, Friendswood, ss - Including Country)		
(Signature of Inventor)	······	(Dali	Assignment Executed)	(Date Applicati	on Executed)
Dewey T Brown		2532 Orion	Drive, League City, T		. • •
(Inventor's Typed Name	S. Mariana	(Malling Addre	ss - Including Country)	The state of the s	***************************************
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Assignment to the Government

		(by Gover	nment Empl	oyee)	
Title of Invention: A	Methods, Systems and Ap	pparatuses for Radio F	requency Identification	1	
Inventor(s): Patrick Byerly	W. Fink, Andrew W. Cl all employees of NASA	iu, Gregory Y. Lin, Tir Johnson Space Center	nothy F. Kennedy, Pho	ong H. Ngo, Dewcy T.	Brown, and Diane
NASA Case No.:	MSC-25758-1	Application No.*:	14/184,303	Filing Date*:	02/19/2014
WHEREAS, the par Government (herea Administration;	ties to this Assignmen fter Government), as r	t and Agreement are epresented by the A	the undersigned inv dministrator of the N	entor(s) and the Uni ational Aeronautics a	ted States and Space
WHEREAS, the ma	king of this Assignmen	t and Agreement is i	n accordance with 3	7 CFR Part 501; and	
WHEREAS, the unc States Patent on the	lersigned inventor(s) h above-entitled invent	as (have) executed, ion.	on the date(s) indica	ted below, an applic	ation for United
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 Authorize and above when required 	request the attorneys	of record in the app	lication to insert the ;	application number a	nd filing date
(Signature of Inventor)		(Dai	e Assignment Executer	f) (Dete Applicati	on Executed)
Timothy F. Kennedy (Inventor's Typad Nam		17711 Brias (Mailing Addre	Arbor, Houston, TX ss - Including Country)		
Deway 1	LARO		almin	9/17/20	15
(Signature of Infentor)		(Del	e Assignment Executed	and the same and the same	*******************
Phong 1), Ngo (Inventors Typed Name	»)	1508 Azalei (Mailing Addre	i Trail, Friendswood ss - Including Country)		
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Dewcy T. Brown	Same a supplicação en minera a stratista de acesso	2532 Orion	Drive, League City,	TX 77573	
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Title of invention: Methods, Systems and Apparatuses for Radio Frequency Identification

Inventor(s): Patrick Byerly a	W. Fink, Andrew W. Cl ill employees of NASA	nu, Gregory Y. Lin, Ti Johnson Space Center	mothy P. Kennedy, Pho	ng H. Ngo, Dewey T	. Brown, and Diane
NASA Case No.:	MSC-25758-1	Application No.*:	14/184,303	Filing Date*:	02/19/2014
WHEREAS, the part Government (hereaf Administration;	ies to this Assignmen ter Government), as r	t and Agreement are epresented by the A	s the undersigned inve administrator of the Na	entor(s) and the Un tional Aeronautics	ifed States and Space
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Inventor's Typed Name)	(Mailing Addre	ess - Including Country)		***************************************
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Signature of Inventor)	*	(Dat	e Assignment Executed)	(Date Applicati	on Executed)
Jewey T. Brown Inventor's Typed Name,	<u></u>	2532 Orion	Drive, League City, T ss - Including Country)	X 77573	
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Title of Invention: N	fethods, Systems and A	pparatuses for Radio F	requency Identificatio	n		
Inventor s); Patrick 'Byerly o	W. Fink, Andrew W. Cl Ill employees of NASA	nt, Gregory Y. Lin, Ti Johnson Space Center	mothy F. Kennedy, Ph	ong H. Ngo, Dewey T.	Brown, and Diane	
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Due Dy	alu	9/	17/2015 le Assignment Execute	9/12/	15	
(Signature of Inventor)		(Da	lə Assignment Execute	d) (Date Applicati	on Executed)	
Diane Byerly Inventor's Typed Name	9		port Lane, Scabrook ess-including Country			
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