PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRYAN ADRIAN LAUER	05/28/2014
KATHY WANG	05/20/2014
TONY LAMARCA	05/15/2014
PARESH KANABAR	05/15/2014
PREMKUMAR BANGOTE	05/15/2014
PAT WALSH	05/28/2014

RECEIVING PARTY DATA

Name:	GOGO LLC
Street Address:	1250 N. ARLINGTON HEIGHTS
Internal Address:	SUITE 500
City:	ITASCA
State/Country:	ILLINOIS
Postal Code:	60143

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15079953

CORRESPONDENCE DATA

Fax Number: (312)474-0448

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.

using a lax number, it provided, it that is unsuccessful, it will be sent via 05

Phone: 312-474-6300

Email:docket@marshallip.comCorrespondent Name:MATTHEW R. CAREYAddress Line 1:233 SOUTH WACKER

Address Line 2: SUITE 6300

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ATTORNEY DOCKET NUMBER:	32045/48047-DIV1
NAME OF SUBMITTER:	JACQUELIN GARCIA
SIGNATURE:	/Jacquelin Garcia/
DATE SIGNED:	03/25/2016

503753905 PATENT REEL: 038100 FRAME: 0168

Total Attachments: 7 source=48047-DIV1 Assignment as recorded.pdf2#page1.tif source=48047-DIV1 Assignment as recorded.pdf2#page2.tif source=48047-DIV1 Assignment as recorded.pdf2#page3.tif source=48047-DIV1 Assignment as recorded.pdf2#page4.tif source=48047-DIV1 Assignment as recorded.pdf2#page5.tif source=48047-DIV1 Assignment as recorded.pdf2#page6.tif source=48047-DIV1 Assignment as recorded.pdf2#page7.tif

PATENT REEL: 038100 FRAME: 0169

ASSIGNMENT

Serial No: Not Yet Assigned

Filed: Concurrently Herewith

Title: SYSTEMS AND METHODS FOR FACILITATING COMMUNICATIONS DESTINED FOR A NON-

TERRESTRIAL NETWORK

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, each of the undersigned hereby assigns to GOGO LLC, 1250 N. Arlington Heights, Suite 500, Itasca, Illinois 60143 and its successors and assigns ("Assignee") the entire right, title and interest in and to the inventions of such undersigned disclosed in the application listed above, and in any and all other applications anywhere in the world which the undersigned may file and/or be named as an inventor of, solely or jointly, on said inventions, in any and all patents which may be obtained on any of said applications and in any and all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates and/or extensions thereof, including without limitation, the right to bring suit and to claim and retain all damages and/or seek other remedies for the past, present and future infringement of any of the foregoing, the right of priority, including without limitation to claim priority benefit of or to said patent applications, and request the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of the Assignee.

Each of the undersigned authorizes the attorneys of record in the application listed above to insert in this assignment the filing date and application number of the application listed above when officially known.

Each of the undersigned states that the application listed above is or was made or authorized to be made by him or her. Each of the undersigned believes himself or herself to be the original inventor or a joint inventor with another undersigned of a claimed invention in the application listed above. Each of the undersigned acknowledges that any willful false statement made by him or her in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both.

Except in favor of Assignee, each of the undersigned warrants that: (i) he or she is the owner of all its rights, titles and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (ii) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, titles and interests herein assigned.

Upon the request of Assignee and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said inventions, including without limitation for the reissue, reexamination, supplementary protection certificate or extension thereof and any oath, declaration or affidavit relating thereto that said Assignee may deem necessary or expedient, and to cooperate to the best of the ability of the undersigned with and perform any and all affirmative acts requested by Assignee to prepare, file, prosecute, maintain, defend, enforce and vest in Assignee the rights, titles and interests assigned herein, including without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, titles and interests will be held and enjoyed by said Assignee to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

On behalf of Assignee,	Saumil Mehta	
	Name	
	Assistant General Counsel, GOGO LLC	
	Title	

hereby confirms Assignee's acceptance of all rights, privileges, titles and interests conveyed by this assignment.

Date

5-29-14

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WITNESS our hands thi	s	28	day of	Mey	, 2014.
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		₹B	ryan Adria	in Lauer	
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WITNESS my hand and	seal the same day	and year last	above give	en.	
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	,			Notary	Public
) see	MICOLE	u. SEAL : LEKAS State of Illinois whree Mar. 8, 2017

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On this Notary Public in and for the proved to me on the basis subscribed to the foregoin his/her/their free and volu WITNESS my h	of satisfactory og instrument a ntary act and fo	revidence to b and acknowledger or the uses and	e the same ged that he/ d purposes t	person/pe she/they e herein exp	rsons whose xecuted said pressed.	name is/are
My Commission Expires:	*	1ac8, 20	3(7)		Nota	(Un) ry Public

OFFICIAL SEAL NICOLE LEKAS Notary Public - State of Illinois My Commission Expires Mar. 8, 2017

WITNESS our hands this	15 day of MAY , 2014.	
State of Things County of Durcey		**.
personally or proved to me on the batis/are subscribed to the foregoing in his/her/their free and voluntary act a	day of 2014 , before me, a and State aforesaid, appeared Premkumar Bangole known to me asis of satisfactory evidence to be the same person/persons whose name strument and acknowledged that he/she/they executed said instrument as and for the uses and purposes therein expressed.	
My Commission Expires:	Mar. 6, 2017 Mill Jelon Nolary Public	

6

OFFICIAL SEAL NICOLE LEKAS Notary Public - State of Illinois My Commission Expires Mar. 8, 2017

WITNESS our hands this State of	27 day of May, 2014.
,	Pat Walsh
Notary Public in and for the County to me on the basis of satisfactory ex	day of May, 2014, before me, a and State aforesaid, appeared Pat Walsh known to me personally or proved idence to be the same person/persons whose name is/are subscribed to the liged that he/she/they executed said instrument as his/her/their free and urposes therein expressed.
WITNESS my hand and se	eal the same day and year last above given.
My Commission Expires:	Mar. 8, 2017 Mili Leker
	Notary Public
	OFFICIAL SEAL NICOLE LEKAS Notary Public - State of Illinois My Commission Expires Mar. 8, 2017

7

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