PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
RONALD A. WAHLER	11/05/2012	
KEVIN MAHONEY	11/05/2012	
JON WOROSYLO	11/05/2012	

RECEIVING PARTY DATA

Name:	GOGO LLC
Street Address:	111 NORTH CANAL STREET
Internal Address:	SUITE 1500
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60606

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15939752

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.

Phone: 312-474-6300

Email: docket@marshallip.com

Correspondent Name: LILIAN Y. FICHT

233 SOUTH WACKER DRIVE Address Line 1:

Address Line 2: **SUITE 6300**

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	32045/47062-DIV2
NAME OF SUBMITTER:	LILIAN Y. FICHT
SIGNATURE:	/Lilian Y. Ficht/
DATE SIGNED:	04/06/2018

Total Attachments: 2

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> **PATENT** REEL: 045466 FRAME: 0112

ASSIGNMENT

Application No: 13/675,194 Filed: November 13, 2012

Title: COMMUNICATION SYSTEM AND METHOD FOR NODES ASSOCIATED WITH A VEHICLE

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 re-ssues, reexaminations, supplementary protection certificates and/or extensions thereof, including without limitation, the right to bring suit and to claim and retain a damages and/or seek other remedies for the past, present and future infringement of any of the foregoing, the right 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 Assignee.

Each of the undersigned states that the application listed above is or was made or authorized to be made by it 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 believes it to be the original inventor or a joint inventor with another undersigned of a claimed invention in the application listed above. The undersigned acknowledges that any willful false statement made by it 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) it 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 approva 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. The undersigned authorized the application listed above to be made.

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 BERGFOR d by e ndersigned if this assignment had not been made

WITNES

with my hand this day of 2012

, 2012 before me, a Notary Public in and for the County and State Goregaid, On this day of , 2012 before me, a Notary Public in and for the County and State aforesaid. OF COUNTY appeared Ronald A. Wahler, known to me personally or proved to me on the basis of satisfactory evidence to be the same personally appeared before me, and acknowledged that he/she executed said instrument as his/her free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given. My co

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State of County of appeared appeared	On this day of day of devin Mahoney, known to me	with my hand this , 2012, before me, a No personally or proved to me on the ba that he/she executed said instrument	sis of satisfactory evide	the County a ence to be the	nd State a same per	son who	OOT. 11/2
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	WITNE	with my hand this	day of	, 2012	William Control		
State of County o	of				STATE OF THE STATE	PUBLIC OF COLUMN	7. W
On this day of , 2012, before me, a Notary Public in and for the County and State attended appeared Jon Worosylo, known to me personally or proved to me on the basis of satisfactory evidence to be the same person who appeared before me, and acknowledged that he/she executed said instrument as his/her free and voluntary act and for the uses and purposes therein expressed							
	WITNESS my hand and seal th	e same day and year last above given.	My com ission exp	es: (O	4 20	13	
				Notar			
		<u>mil Mehta, Assistant General Counse</u> _{Name} ges, titles and interests conveyed by th	Title	nfirms			
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