

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4512609

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	PATENT SECURITY AGREEMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	GOGO LLC	07/18/2017
RECEIVING PARTY DATA		
Name:	U.S. BANK NATIONAL ASSOCIATION	
Street Address:	190 S. LASALLE STREET	
Internal Address:	10TH FLOOR MK-IL-SLTR	
City:	CHICAGO	
State/Country:	ILLINOIS	
Postal Code:	60603	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15622409
CORRESPONDENCE DATA		
Fax Number:	(212)909-6836	
<i>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.</i>		
Phone:	212-909-6000	
Email:	trademark@debevoise.com	
Correspondent Name:	DEBEVOISE & PLIMPTON LLP	
Address Line 1:	919 THIRD AVENUE	
Address Line 4:	NEW YORK, NEW YORK 10022	
NAME OF SUBMITTER:	ANNA N. SMITH, ESQ.	
SIGNATURE:	/Anna N. Smith, Esq./	
DATE SIGNED:	07/20/2017	
Total Attachments: 5		
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PATENT SECURITY AGREEMENT

This **PATENT SECURITY AGREEMENT**, dated as of July 18, 2017 (this "Agreement"), is made by the signatory hereto indicated as a "Grantor" (the "Grantor") in favor of U.S. BANK NATIONAL ASSOCIATION, as Collateral Agent for the Priority Lien Secured Parties (in such capacity and, together with its permitted successors and assigns in such capacity, the "Collateral Agent").

WHEREAS, the Grantor entered into a Collateral Agreement dated as of June 14, 2016 (as amended, restated, supplemented or otherwise modified from time to time, the "Collateral Agreement") among the Grantor, the Collateral Agent and the other persons party thereto, pursuant to which the Grantor granted to the Collateral Agent, for the benefit of the Priority Lien Secured Parties, a security interest in the Patent Collateral (as defined below); and

WHEREAS, pursuant to the Collateral Agreement, Grantor agreed to execute this Agreement, in order to record the security interest granted to the Collateral Agent for the benefit of the Priority Lien Secured Parties with the United States Patent and Trademark Office.

NOW, THEREFORE, in consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Grantor hereby agrees with the Collateral Agent as follows:

SECTION. 1. Defined Terms

Capitalized terms used but not defined herein shall have the respective meanings given thereto in the Collateral Agreement, and if not defined therein, shall have the respective meanings given thereto in the Collateral Agency Agreement referred to therein.

SECTION 2. Notice and Confirmation of Grant of Security Interest.

Grantor hereby confirms the grant in the Collateral Agreement to the Collateral Agent, for the benefit of the Priority Lien Secured Parties, of a security interest in, all of the following property, in each case, wherever located and now owned or at any time hereafter acquired by Grantor or in which Grantor now has or at any time in the future may acquire any right, title or interest (collectively, the "Patent Collateral") as collateral security for the prompt and complete payment and performance when due (whether at the stated maturity, by acceleration or otherwise) of Grantor's Priority Lien Obligations:

All of Grantor's right, title and interest in and to all patentable inventions and designs, all United States, foreign, and multinational patents, certificates of invention, and similar industrial property rights, and applications for any of the foregoing, including without limitation: (i) each patent and patent application listed in Schedule A attached hereto (ii) all reissues, substitutes, divisions, continuations, continuations-in-part, extensions, renewals, and reexaminations thereof, (iii) all inventions and improvements described and claimed therein, (iv) all rights to sue or otherwise recover for any past, present and future infringement or other violation thereof, (v) all Proceeds of the foregoing, including, without limitation, license fees, royalties, income, payments, claims, damages, and proceeds of suit now or hereafter due and/or payable with respect thereto, income, royalties, damages and other payments now and hereafter due and/or payable with respect thereto, and (vi) all other patent rights accruing thereunder or pertaining thereto throughout the world.

SECTION 3. Collateral Agreement and Collateral Agency Agreement

The security interest confirmed pursuant to this Agreement is confirmed in conjunction with the security interest granted to the Collateral Agent for the Priority Lien Secured Parties pursuant to the Collateral Agreement, and the Grantor hereby acknowledges and affirms that the rights and remedies of the Collateral Agent with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Collateral Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. In the event that any provision of this Agreement is deemed to conflict with the Collateral Agreement or the Collateral Agency Agreement, the provisions of the Collateral Agreement or the Collateral Agency Agreement, as applicable, shall control.

SECTION 4. Governing Law

THIS AGREEMENT AND ANY DISPUTE, CLAIM OR CONTROVERSY ARISING OUT OF OR RELATING TO THIS AGREEMENT (WHETHER ARISING IN CONTRACT, TORT OR OTHERWISE) SHALL BE GOVERNED BY, AND CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK WITHOUT REGARD TO CONFLICTS OF LAW RULES THAT WOULD RESULT IN THE APPLICATION OF A DIFFERENT GOVERNING LAW (OTHER THAN ANY MANDATORY PROVISIONS OF THE UCC RELATING TO THE LAW GOVERNING PERFECTION AND EFFECT OF PERFECTION OR PRIORITY OF THE SECURITY INTERESTS).

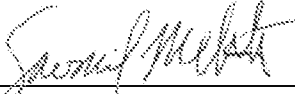
SECTION 5. Counterparts

This Agreement may be executed in one or more counterparts and by different parties hereto in separate counterparts, each of which when so executed and delivered shall be deemed an original, but all such counterparts together shall constitute but one and the same instrument.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, Grantor has caused this Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

**GOGO LLC,
as Grantor**

By: 
Name: Saumil Mehta
Title: VP & Asst. General Counsel

Accepted and Agreed:

U.S. BANK NATIONAL ASSOCIATION, as Collateral Agent

By: *Linda Garcia*
Name: **Linda E. Garcia**
Title: **Vice President**

Signature Page to Patent Security Agreement

PATENT
REEL: 043273 FRAME: 0736

**SCHEDULE A
to
PATENT SECURITY AGREEMENT**

PATENT APPLICATIONS

Gogo LLC U.S. Patent Applications

Title	Appl. No.	Appl. Date	Pub. No.	Pub. Date
Optimized Wireless Content Loading Scheduler	15/622,409	06/14/2017	Not yet published	Not yet published