

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | RELEASE OF SECURITY INTEREST IN PATENT COLLATERAL AT REEL/FRAME NO. 030111/0762 | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| | MORGAN STANLEY SENIOR FUNDING, INC. | 06/14/2016 |
| RECEIVING PARTY DATA | | |
| Name: | GOGO LLC | |
| Street Address: | 1250 N. ARLINGTON HEIGHTS ROAD | |
| City: | ITASCA | |
| State/Country: | ILLINOIS | |
| Postal Code: | 60143 | |
| PROPERTY NUMBERS Total: 6 | | |
| Property Type | Number | |
| Patent Number: | 9088613 | |
| Patent Number: | 9087193 | |
| Patent Number: | 8982562 | |
| Patent Number: | 9147065 | |
| Application Number: | 13675200 | |
| Application Number: | 13588903 | |
| CORRESPONDENCE DATA | | |
| Fax Number: | (714)755-8290 | |
| <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> | | |
| Email: | IPDOCKET@LW.COM, KRISTIN.AZCONA@LW.COM | |
| Correspondent Name: | LATHAM & WATKINS LLP | |
| Address Line 1: | 650 TOWN CENTER DRIVE, 20TH FLOOR | |
| Address Line 4: | COSTA MESA, CALIFORNIA 92626 | |
| NAME OF SUBMITTER: | KRISTIN J AZCONA | |
| SIGNATURE: | /KJA/ | |
| DATE SIGNED: | 06/17/2016 | |
| Total Attachments: 6 | | |
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RELEASE OF SECURITY INTEREST IN PATENT COLLATERAL

This RELEASE OF SECURITY INTEREST IN PATENT COLLATERAL, dated as of June 14, 2016 (this "Release"), is made by MORGAN STANLEY SENIOR FUNDING, INC., as collateral agent (in such capacity, the "Collateral Agent"), in favor of GOGO LLC (the "Grantor"), as follows:

WITNESSETH

WHEREAS, the Collateral Agent and Grantor are party to the Amended and Restated Credit Agreement, amended and restated as of July 30, 2014, among the Grantor, Gogo Business Aviation LLC (f/k/a Aircell Business Aviation Services LLC), a Delaware limited liability company, and Gogo Intermediate Holdings LLC, a Delaware limited liability company, as Borrowers, the Lenders and the Collateral Agent, as Administrative Agent and as Collateral Agent (the "Credit Agreement"; capitalized terms used herein that are defined in the Credit Agreement and not otherwise defined herein have the meanings given in the Credit Agreement);

WHEREAS, in connection with the Credit Agreement and pursuant to the Patent Security Agreement, dated as of June 21, 2012, and recorded with the U.S. Patent and Trademark Office on June 22, 2012 at Reel/Frame No. 028430/0658, the Supplemental Patent Security Agreement, dated March 28, 2013, and recorded with the U.S. Patent and Trademark Office on March 28, 2013 at Reel/Frame No. 030111/0762, the Supplemental Patent Security Agreement, dated July 21, 2014, and recorded with the U.S. Patent and Trademark Office on July 28, 2014 at Reel/Frame No. 033428/0977, the Supplemental Patent Security Agreement, dated August 20, 2014, and recorded with the U.S. Patent and Trademark Office on August 25, 2014 at Reel/Frame No. 033605/0637, the Supplemental Patent Security Agreement, dated March 3, 2015, and recorded with the U.S. Patent and Trademark Office on March 3, 2015 at Reel/Frame No. 035121/0135, the Supplemental Patent Security Agreement, dated August 31, 2015, and recorded with the U.S. Patent and Trademark Office on November 17, 2015 at Reel/Frame No. 037125/0859, the Supplemental Patent Security Agreement, dated October 28, 2015, and recorded with the U.S. Patent and Trademark Office on November 30, 2015 at Reel/Frame No. 037172/0125, the Supplemental Patent Security Agreement, dated January 27, 2016, and recorded with the U.S. Patent and Trademark Office on February 1, 2016 at Reel/Frame No. 037677/0184, and the Supplemental Patent Security Agreement, dated April 25, 2016, and recorded with the U.S. Patent and Trademark Office on April 26, 2016 at Reel/Frame No. 038528/0104, Grantor granted to the Collateral Agent a security interest in certain collateral pledged by the Grantor described therein, including, without limitation, the United States patents set forth on Schedule A attached hereto (collectively, with (i) all reissues, substitutes, divisions, continuations, continuations-in-part, extensions, renewals, and reexaminations thereof, (ii) all inventions and improvements described and claimed therein, (ii) all rights to sue or otherwise recover for any past, present and future infringement or other violation thereof, (iv) 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 (v) all other patent rights accruing thereunder or pertaining thereto throughout the world the "Patent Collateral";

WHEREAS, the Grantor has requested that the Collateral Agent release its security interest in all right, title and interest of the Collateral Agent in and to the Patent Collateral; and

WHEREAS, the Collateral Agent has agreed to terminate and release its security interest in the Patent Collateral.

NOW, THEREFORE, the Collateral Agent, without recourse, representation or warranty of any kind or nature, and at the Grantor's sole cost and expense, hereby terminates, cancels and releases its security interest in the Patent Collateral and any and right, title and interest of the Collateral Agent in the Patent Collateral shall hereby terminate, cease and become void.

The Collateral Agent shall execute and deliver, or cause to be executed and delivered, such additional instruments, certificates or documents, and take all such actions, as the Grantor may reasonably request for the purposes of implementing or effectuating the provisions of this Release.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the Collateral Agent has caused this Release to be duly executed and delivered by its duly authorized officer as of the date first written above.

**MORGAN STANLEY SENIOR
FUNDING, INC.,**
as Collateral Agent

By: 

Name: Stephen B. King

Title: Vice President

**SCHEDULE A
TO
RELEASE OF SECURITY INTEREST
IN PATENT COLLATERAL**

Reel/Frame No. 030111/0762

| Title | Application Number Application Date | Publication Number Publication Date |
|---|--|--|
| Ground system for vehicle data distribution | 13675190 11/13/2012 | 9088613 7/21/2015 |
| Communication system and method for nodes associated with a vehicle | 13675194 11/13/2012 | 9087193 7/21/2015 |
| Line replaceable unit with universal heat sink receptacle | 13799869 3/13/2013 | 8982562 3/17/2015 |
| Determining human stimuli at computing devices | 13781841 3/1/2013 | 9147065 9/29/2015 |
| Vehicle data distribution system and method | 13675200 11/13/2012 | 20140136658 5/15/2014 |
| System for providing temporary internet access from a restricted local area network environment | 13588903 8/17/2012 | 20140053243 2/20/2014 |

Reel/Frame No. 028430/0658

| Title | Application Number Application Date | Publication Number Publication Date |
|---|--|--|
| Air-to-ground cellular communication network terrestrial base station having multi-dimensional sectors with alternating radio frequency polarizations | 11590146 10/31/2006 | 8145208 3/27/2012 |
| System for customizing electronic content for delivery to a passenger in an airborne wireless cellular network | 12021125 1/28/2008 | 8078163 12/13/2011 |
| System for creating an aircraft-based internet protocol subnet in an airborne wireless cellular network | 12060662 4/1/2008 | 8081969 12/20/2011 |
| System for creating an air-to-ground IP tunnel in an airborne wireless cellular network to differentiate individual passengers | 12060674 4/1/2008 | 8081968 12/20/2011 |
| SIP client-based local number portability through an aircraft air-to-ground link | 12423555 4/14/2009 | 8073443 12/6/2011 |

| Title | Application Number Application Date | Publication Number Publication Date |
|---|--|--|
| System for customizing electronic services for delivery to a passenger in an airborne wireless cellular network | 12021169 1/28/2008 | 8068829 11/29/2011 |
| System for managing an aircraft-oriented emergency services call in an airborne wireless cellular network | 12182834 7/30/2008 | 8060083 11/15/2011 |
| System for managing the multiple air-to-ground communications links originating from each aircraft in an air-to-ground cellular communication network | 11590709 10/31/2006 | 7920860 4/5/2011 |
| System for integrating an airborne wireless cellular network with terrestrial wireless cellular networks and the public switched telephone network | 10730329 12/7/2003 | 7113780 9/26/2006 |

Reel/Frame No. 035121/0135

| Title | Application Number Application Date | Publication Number Publication Date |
|--|--|--|
| Mesh network based automated upload of content to aircraft | 14553641 11/25/2014 | 9287999 3/15/2016 |

Reel/Frame No. 033605/0637

| Title | Application Number Application Date | Publication Number Publication Date |
|---|--|--|
| System for managing mobile internet protocol addresses in an airborne wireless cellular network | 14340921 7/25/2014 | 20140334379 11/13/2014 |

Reel/Frame No. 037677/0184

| Title | Application Number Application Date | Publication Number Publication Date |
|---|--|--|
| Data delivery to devices on vehicles using multiple forward links | 14876542 10/6/2015 | 20160036517 2/4/2016 |

Reel/Frame No. 037125/0859

| Title | Application Number Application Date | Publication Number Publication Date |
|---|--|--|
| Communication system and method for nodes associated with a vehicle | 14754046 6/29/2015 | 20150319248 11/5/2015 |

Reel/Frame No. 037172/0125

| Title | Application Number Application Date | Publication Number Publication Date |
|---|--|--|
| Ground system for vehicle data distribution | 14797461 7/13/2015 | 20150319073 11/5/2015 |

Reel/Frame No. 038528/0104

| Title | Application Number Application Date | Publication Number Publication Date |
|--|--|--|
| Dynamic time based product | 14995459 1/14/2016 | |
| Mesh network based automated upload of content to aircraft | 15014333 2/3/2016 | |
| Feature transparency for wireless devices | 14912834 2/18/2016 | |
| Optimizing usage of modems for data delivery to devices on vehicles | 15075032 3/18/2016 | |
| Systems and methods for facilitating communications destined for a non-terrestrial network | 15079953 3/24/2016 | |