

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM714971

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
SIERRA WIRELESS AMERICA, INC.		01/19/2022	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	Canadian Imperial Bank of Commerce		
Street Address:	595 Bay Street		
Internal Address:	5th Floor		
City:	Toronto		
State/Country:	CANADA		
Postal Code:	M5G 2C2		
Entity Type:	Chartered Bank: CANADA		
PROPERTY NUMBERS Total: 5			
Property Type	Number	Word Mark	
Registration Number:	3902433	AIRLINK	
Registration Number:	3510793	ALEOS	
Registration Number:	4683816	UPLINK	
Registration Number:	3279435	UPLINK	
Registration Number:	4546091	UPLINK GPS	
CORRESPONDENCE DATA			
Fax Number:	9134510875		
<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:	9134515100		
Email:	internalip@lathrogpm.com		
Correspondent Name:	Amy Brozenic		
Address Line 1:	10851 Mastin Blvd.		
Address Line 2:	Building 82, Suite 1000		
Address Line 4:	Overland Park, KANSAS 66210-1669		
NAME OF SUBMITTER:	Amy Brozenic		
SIGNATURE:	/Amy Brozenic/		
DATE SIGNED:	03/17/2022		

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

SIERRA WIRELESS, INC. (the “**Borrower**”)

SIERRA WIRELESS AMERICA INC. (“**America**”)

(collectively, the “**Obligors**”)

TO: CANADIAN IMPERIAL BANK OF COMMERCE, in its capacity as administrative agent, issuing lender and swingline lender (the “**Administrative Agent**”)

DATE: January 19, 2022

RECITALS:

- A. The Borrower, as borrower, America, as guarantor, the other loan parties from time to time party thereto, and the Administrative Agent, as administrative agent, are parties to a credit agreement dated as of July 31, 2018, as amended by a first amending agreement dated as of June 26, 2019, a second amending agreement dated as of April 30, 2020, a third amending agreement dated as of July 22, 2020, a fourth amending agreement dated as of September 25, 2020, a fifth amending agreement dated as of February 17, 2021 and a sixth amending agreement dated as of September 29, 2021 (collectively, the “**Original Credit Agreement**”).
- B. Pursuant to the Original Credit Agreement, each of the Obligors entered into a general security agreement, each dated as of July 31, 2018 (as amended, supplemented or otherwise modified from time to time, collectively, the “**General Security Agreements**”) in favour of the Administrative Agent, whereby each of the Obligors granted a security interest in all present and after-acquired personal property of the Obligors, as applicable, including all patents, trademarks, copyrights, and all other intellectual property.
- C. Pursuant to an intellectual property security agreement dated as of September 25, 2020 (the “**IP Security Agreement**”), each of the Obligors granted in favour of the lender a security interest in each of the Obligors’ intellectual property, as applicable.
- D. The Obligors, the other loan parties from time to time party thereto, and the Administrative Agent, as administrative agent, have entered into an amended and restated credit agreement dated as of January 19, 2022 (the “**Amended and Restated Credit Agreement**”) to amend and restate the terms of the Original Credit Agreement.
- E. Pursuant to the Amended and Restated Credit Agreement, each of the Obligors entered into a confirmation and reaffirmation agreement in favour of the Administrative Agent, whereby the Obligors confirmed and reaffirmed the security interests granted in favour of the Administrative Agent under, *inter alia*, the General Security Agreements and the IP Security Agreement.
- F. As additional security for the obligations of the Borrower to the Administrative Agent, as described in the Amended and Restated Credit Agreement (the “**Obligations**”), the Obligors have agreed to enter into this intellectual property security agreement (the “**Agreement**”).

FOR VALUE RECEIVED and intending to be legally bound by this Agreement, the Obligors agree as follows:

1. INTERPRETATION

- 1.1 Conflict with Amended and Restated Credit Agreement If there is any conflict or inconsistency between the terms of the Amended and Restated Credit Agreement and the terms of this Agreement, the provisions of the Amended and Restated Credit Agreement shall govern to the extent necessary to remove the conflict or inconsistency.
- 1.2 Other Interpretive Rules. Any rights or benefits stated to accrue to the benefit of the Administrative Agent shall accrue to the benefit of the Administrative Agent for and on behalf of and for the benefit of the Lenders (as defined in the Amended and Restated Credit Agreement) and any decision, determination, or other action required or permitted to be made or taken by the Administrative Agent shall be interpreted to mean that decision, determination or other action made or taken in accordance with the provisions of the Amended and Restated Credit Agreement.


2. GRANT OF SECURITY, ETC.

- 2.1 Grant of Security As security for payment and performance of the Obligations, the Obligors mortgage, charge, assign, transfer and pledge to the Administrative Agent as a fixed and specific mortgage and charge, and grant the Administrative Agent a security interest in, all of the Obligors' rights, titles and interests in and to all trademarks, patents, industrial designs, copyrights, internet domain names and all other intellectual property (collectively, the "**Intellectual Property**") now owned or at any time hereafter acquired by the Obligors or in which the Obligors now have or at any time in the future may acquire any right, title or interest (including, without limitation, all Intellectual Property listed on **Schedule "A"** hereto).
- 2.2 Purpose. This Agreement has been executed and delivered by the Obligors for the purpose of recording the grant of security interest herein with the Canadian Intellectual Property Office, the United States Patent and Trademark Office, the United States Copyright Office, or such other office or registry as may be appropriate from time to time.
- 2.3 Acknowledgment. The Obligors hereby acknowledge and affirm that the rights and remedies of the Administrative Agent with respect to the security interest in the Intellectual Property are more fully set forth in each of the General Security Agreements, the terms and conditions of each (including the remedies provided for therein) are incorporated by reference herein as if fully set forth herein.
- 2.4 Governing Law. This Agreement and any dispute arising from or in relation to this Agreement shall be governed by, and interpreted and enforced in accordance with, the law of the Province of British Columbia and the laws of Canada applicable therein, excluding the conflict of law rules of that province.


[Signature page follows – remainder of page is intentionally blank]

IN WITNESS OF WHICH, the Obligors have duly executed this Agreement as of the date first above written.

SIERRA WIRELESS, INC.,
by its authorized signatory:

By: 
Name: Sam Cochrane
Title: CFO

SIERRA WIRELESS AMERICA INC.,
by its authorized signatory:

By: 
Name: Sam Cochrane
Title: Director

SCHEDULE A

INTELLECTUAL PROPERTY

PATENTS

Type	Country	Title	Status	Official Filing Date	Publication No.	Publication Date	Patent/ Registration No.	Issue Date	Expiry Date	Assignee
PAT	US	Methods and apparatuses for supporting multi transport block grant data transmission	Pending	24-Feb-21	US 2021-273751					Sierra Wireless, Inc.
PAT	US	Method and apparatus for resource allocation for half duplex frequency division duplexing in a wireless communication system	Pending	8-Oct-20	US 2021-028918	28-Jan-21				Sierra Wireless, Inc.
PAT	US	Method and Apparatus for Facilitating Transmissions In A Wireless Communication System	Pending	2-Oct-20	US 2021-105099	8-Apr-21				Sierra Wireless, Inc.

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PAT	US	Methods and apparatuses for small data transmissions	Pending	5-Sep-19	US 2020-092905	19-Mar-20				Sierra Wireless, Inc.
PAT	US	Method and apparatus for multi-transport block grant transmissions	Pending	9-Aug-19	US 2020-053750	13-Feb-20				Sierra Wireless, Inc.
PAT	US	Methods and systems for remote software update	Pending	1-Aug-19	US 2020-042313	6-Feb-20				Sierra Wireless, Inc.
LP	US	LAN/WWAN GATEWAY CARRIER CUSTOMIZATIO N	Issued	10-Nov-06	US 2007-0104169	10-May-07	8,054,778	08-Nov-11		Sierra Wireless America Inc.
LP	US	GATEWAY NETWORK MULTIPLEXING	Issued	10-Nov-06	US 2007-0104168	10-May-07	8121071	21-Feb-12		Sierra Wireless America Inc.
LP	CA	Cognitive Wireless System	Issued	7-Jan-11	CA 2,730,269	14-Jan-11	2,730,269	17-Apr-18		Sierra Wireless
PAT	CN	Method and Apparatus for Facilitating Push Communication across a Network Boundary	Issued	12-May-10	CN 102714636 A	3-Oct-12	ZL 20108006004 0.5	25-Nov-15	12-May-30	Sierra Wireless, Inc.
PAT	US	Minimise PDP Activations	Issued	17-Nov-09	US 2010-0124191	20-May-10	8,228,848	24-Jul-12	18-Jun-30	Sierra Wireless, Inc.

PAT	CN	Method and Apparatus for Managing Wireless Communication Based on Network Traffic Level	Issued	22-Jun-11	CN 102948192 A	27-Feb-13	ZL20118003 1107.7	29-Jun-16	22-Jun-31	Sierra Wireless, Inc.
PAT	US	METHOD AND APPARATUS FOR MANAGING WIRELESS COMMUNICATION BASED ON NETWORK TRAFFIC LEVEL	Issued	21-Jun-11	US 2010-0099430	26-Apr-12	8,964,549	24-Feb-15	4-Nov-31	Sierra Wireless, Inc.
PAT	AU	Method and System for Performing Position Updates in a Wireless Communication System	Issued	11-May-10			2010246848	8-Jan-15	11-May-30	Sierra Wireless, Inc.
US	US	Method and System for Performing Position Updates in a Wireless Communication System	Issued	11-May-10	US 2010-0285816	11-Nov-10	8,494,551	23-Jul-13	1-Aug-31	Sierra Wireless, Inc.
PAT	US	ACTIVE/STANDBY OPERATION OF A FEMTOCELL BASE STATION	Issued	4-Aug-10	US 2012-0033611	9-Feb-12	8,520,634	27-Aug-13	16-Sep-31	Sierra Wireless, Inc.
PAT	CN	Method and Apparatus for Managing	Issued	9-Oct-12	20118001818 2.X	19-Dec-12	ZL 20118001818 2.X	20-Jan-16	15-Feb-31	Sierra Wireless, Inc.

		Communications in a Wireless Communication System								
LP	DE	Method and Apparatus for Managing Communications in a Wireless Communication System	Validati on	14-Sep-12	2537366	26-Dec-12	2537366	7-Nov-18		Sierra Wireless, Inc.
LP	FR	Method and Apparatus for Managing Communications in a Wireless Communication System	Validati on	14-Sep-12	2537366	26-Dec-12	2537366	7-Nov-18		Sierra Wireless, Inc.
LP	GB	Method and Apparatus for Managing Communications in a Wireless Communication System	Validati on	14-Sep-12	2537366	26-Dec-12	2537366	7-Nov-18		Sierra Wireless, Inc.
PAT	US	METHOD AND APPARATUS FOR MANAGING COMMUNICATIONS IN A WIRELESS COMMUNICATION SYSTEM	Issued	15-Feb-11	US 2011/0199901	18-Aug-11	8,565,080	22-Oct-13	8-Nov-31	Sierra Wireless, Inc.

US	US	MANAGING COMMUNICATIONS OPERATIONS OF WIRELESS DEVICES	Issued	25-Apr-11	US 2011/026189 1	27-Oct-11	8,582,631	12-Nov-13		Sierra Wireless, Inc.
PAT	US	Self-Provisioning Antenna System and Method	Issued	1-Dec-10	US 2012/013978 8	7-Jun-12	8,405,547	26-Mar-13		Sierra Wireless, Inc.
PAT	DE	TLS Abbreviated Session Identifier Protocol	Validati on	9-May-13	2850776/DE 60201302721 9.0	25-Mar-15	EP2850776	27-Sep-17		Sierra Wireless, Inc.
PAT	GB	TLS Abbreviated Session Identifier Protocol	Validati on	9-May-13		25-Mar-15	EP2850776	27-Sep-17		Sierra Wireless, Inc.
PAT	US	TLS Abbreviated Session Identifier Protocol	Issued	14-May-12	US-2013- 0305036	14-Nov-13	8,843,738	27-Sep-14	14-May-32	Sierra Wireless, Inc.
PAT	US	Method And Apparatus For Management Of Network Communications	Issued	7-May-12	US-2012- 0284385-A1	8-Nov-12	8,972,556	3-Mar-15	15-Oct-32	Sierra Wireless, Inc.
PAT	US	Subscription and Charging Control for Wireless Communications Between Proximate Devices	Issued	1-Feb-13	US 2013/020337 8	8-Aug-13	9,854,423	26-Dec-17		Sierra Wireless, Inc.
PAT	US	Method and System for Radio Resource Allocation	Pending	2-Jun-16	US 2016/027809 8	22-Sep-16				Sierra Wireless, Inc.

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PAT	DE	Method and System for Radio Resource Allocation	Issued	4-Oct-13	2904867	12-Aug-15	2904867	-		Sierra Wireless, Inc.
PAT	EP	Method and System for Radio Resource Allocation	Issued	4-Oct-13	2904867	12-Aug-15	2904867	-		Sierra Wireless, Inc.
PAT	FR	Method and System for Radio Resource Allocation	Issued	4-Oct-13	2904867	12-Aug-15	2904867	-		Sierra Wireless, Inc.
PAT	GB	Method and System for Radio Resource Allocation	Issued	4-Oct-13	2904867	12-Aug-15	2904867	-		Sierra Wireless, Inc.
PAT	US	Method and System for Wireless Communication with Machine-to-Machine Devices	Issued	13-Dec-13	US-2014-0105009	17-Apr-14	9445302	13-Sep-16	12-Jul-33	Sierra Wireless, Inc.
PAT	US	Wireless Communication with Machine-to-Machine Devices	Issued	14-Jun-13	US-2013-0336111	19-Dec-13	9,380,430	28-Jun-16	6-Mar-34	Sierra Wireless, Inc.
VAL	DE	Method, Apparatus and System for Uplink Radio Resource Allocation in an LTE Communication System	Validation	4-Oct-13	2904864	12-Aug-15	2904864	18-Sep-19		Sierra Wireless, Inc.
VAL	FR	Method, Apparatus and System for Uplink Radio Resource	Validation	4-Oct-13	2904864	12-Aug-15	2904864	18-Sep-19		Sierra Wireless, Inc.

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		Allocation in an LTE Communication System							
VAL	GB	Method, Apparatus and System for Uplink Radio Resource Allocation in an LTE Communication System	Validation	4-Oct-13	2904864	12-Aug-15	2904864	18-Sep-19	Sierra Wireless, Inc.
PAT	US	Method, Apparatus and System for Uplink Radio Resource Allocation in an LTE Communication System	Issued	4-Oct-13	US-2014-0098781	10-Apr-14	10,455,575	22-Oct-19	Sierra Wireless, Inc.
PAT	DE	Method and System for Providing Differentiated Wireless Network Access and Billing to Subscribers	Validation	2-Apr-14	2989814	2-Mar-16	2989814, DE60 2014 046 442.4.	8-May-19	Sierra Wireless, Inc.
PAT	EP	Method and System for Providing Differentiated Wireless Network Access and Billing to Subscribers	Issued	2-Apr-14	2989814	2-Mar-16	2989814	8-May-19	Sierra Wireless, Inc.

PAT	FR	Method and System for Providing Differentiated Wireless Network Access and Billing to Subscribers	Validation	2-Apr-14	2989814	2-Mar-16	2989814	8-May-19	Sierra Wireless, Inc.
PAT	UK	Method and System for Providing Differentiated Wireless Network Access and Billing to Subscribers	Validation	2-Apr-14	2989814	2-Mar-16	2989814	8-May-19	Sierra Wireless, Inc.
PAT	NL	Method and System for Providing Differentiated Wireless Network Access and Billing to Subscribers	Validation	2-Apr-14	2989814	2-Mar-16	2989814	8-May-19	Sierra Wireless, Inc.
LP	US	Method and System for Providing Differentiated Wireless Network Access and Billing to Subscribers	Issued	2-Apr-14	US-2014-0295790	2-Oct-14	9,948,789	17-Apr-18	Sierra Wireless, Inc.
PAT	CN	Method and System for Hybrid Automatic Repeat Request Combining on an LTE Downlink Control Channel	Issued	28-Dec-12	CN105009630A	28-Oct-15	ZL201380073980.1	27-Sep-19	8-Aug-33 Sierra Wireless, Inc.

VAL	DE	Method and System for Hybrid Automatic Repeat Request Combining on an LTE Downlink Control Channel	Validati on	8-Aug-13	2939464	4-Nov-15	2939464	7-Mar-18		Sierra Wireless, Inc.
VAL	FR	Method and System for Hybrid Automatic Repeat Request Combining on an LTE Downlink Control Channel	Validati on	8-Aug-13	2939464	4-Nov-15	2939464	7-Mar-18		Sierra Wireless, Inc.
VAL	GB	Method and System for Hybrid Automatic Repeat Request Combining on an LTE Downlink Control Channel	Validati on	8-Aug-13	2939464	4-Nov-15	2939464	7-Mar-18		Sierra Wireless, Inc.
PAT	US	Method and System for Hybrid Automatic Repeat Request Combining on an LTE Downlink Control Channel	Issued	28-Dec-12	US-2014-0185534	3-Jul-14	9,144,066	22-Sep-15	21-May-33	Sierra Wireless, Inc.
PAT	US	Method and Device Enabling A Dynamic Bundle Size HARQ Mechanism	Issued	1-Aug-13	US-2015-0039958	5-Feb-15	9,184,880	10-Nov-15		Sierra Wireless, Inc.

PAT	US	Method and Device for Communication between a Device and a Server	Issued	15-Mar-07	US 2009/021634 4	27-Aug-09	8,484,285	9-Jul-13	15-Mar-27	Sierra Wireless, Inc.
PAT	US	Method And Apparatus For Broadcast Channel Decoding	Issued	2-Apr-14	US-2014-0301296	9-Oct-14	9,369,230	14-Jun-16	25-Apr-34	Sierra Wireless, Inc.
PAT	US	Method and Apparatus for Determining Time-Varying Limitations of A Power Source	Issued	24-May-13	US-2014-0347100	27-Nov-14	9,075,086	7-Jul-15	4-Jul-33	Sierra Wireless, Inc.
LP	US	Method and Apparatus for Communication of System Information in a Wireless System	issued	25-Apr-14	US-2014-0334372	13-Nov-14	10,009,831	26-Jun-18		Sierra Wireless, Inc.
PAT	EP	Method and Apparatus for Electrical Keying of an Integrated Circuit Package Having Rotationally Symmetric Footprint	Pending	30-Sep-14						Sierra Wireless, Inc.
PAT	US	Method and Apparatus for Electrical Keying of an Integrated Circuit Package Having Rotationally	Issued	1-Oct-13	US-2015-0091390	2-Apr-15	9,668,356	30-May-17		Sierra Wireless, Inc.

		Symmetric Footprint																		
PAT	US	Wireless Device Customization Resources	Issued	24-Feb- 15	US-2015- 0245215	27-Aug-15	9894523	13- Feb- 18												Sierra Wireless, Inc.
PAT	EP	Method and Apparatus for Communicating with LTE Terminals Having Restricted Capabilities	Allowed	26-Sep- 14	EP3050389															Sierra Wireless, Inc.
PAT	DE	Method and Apparatus for Communicating with LTE Terminals Having Restricted Capabilities	Allowed	26-Sep- 14	EP3050389															Sierra Wireless, Inc.
PAT	FR	Method and Apparatus for Communicating with LTE Terminals Having Restricted Capabilities	Allowed	26-Sep- 14	EP3050389															Sierra Wireless, Inc.
PAT	GB	Method and Apparatus for Communicating with LTE Terminals Having Restricted Capabilities	Allowed	26-Sep- 14	EP3050389															Sierra Wireless, Inc.
PAT	NL	Method and Apparatus for Communicating with LTE Terminals	Allowed	26-Sep- 14	EP3050389															Sierra Wireless, Inc.

		Having Restricted Capabilities								
PAT	US	Method and Apparatus for Communicating with LTE Terminals Having Restricted Capabilities	Issued	26-Sep-13	US 2015/0085689	26-Mar-15	9,716,988	25-Jul-17		Sierra Wireless, Inc.
PAT	US	Abbreviated Blind Detection in Wireless Communication Systems including LTE	Issued	15-Mar-14	US-2015-0264665	17-Sep-15	9,681,256	13-Jun-17		Sierra Wireless, Inc.
PAT	US	Method, Apparatus And System For Gesture Based Security	Issued	9-Dec-14	US-2016-0162676	09-Jun-16	10,346,603	09-Jul-19		Sierra Wireless, Inc.
PAT	US	Method and Apparatus for Communicating System Information and Random Access in a Wireless System	Issued	7-Apr-16	US-2016-0302024	13-Oct-16	10,111,067	23-Oct-18		Sierra Wireless, Inc.
PAT	EP	Method and Apparatus for Resource Allocation for Half Duplex Frequency Division Duplexing in a Wireless	Published	13-May-16	3295701	21-Mar-18				Sierra Wireless, Inc.

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		Communication System								
PAT	US	Method and Apparatus for Resource Allocation for Half Duplex Frequency Division Duplexing in a Wireless Communication System	Issued	16-May-16	US-2016-0338089	17-Nov-16	10,819,496	27-Oct-20		Sierra Wireless, Inc.
PAT	EP	Method and System for Transmitting Control Information for User Equipment	Validation	18-Apr-18	EP3354064		EP3354064	20-Jan-21		Sierra Wireless, Inc.
PAT	US	Method and System for Transmitting Control Information for User Equipment	Issued	26-Sep-16	US-2017-0094644-A1	30-Mar-17	10,225,829	5-Mar-19		Sierra Wireless, Inc.
PAT	EP	Method and System for Paging User Equipment	Pending	19-Apr-18						
PAT	US	Method and System for Paging User Equipment	Pending	3-Oct-16	US-2017-0099649-A1	6-Apr-17				Sierra Wireless, Inc.
PAT	EP	Method and Apparatus for Paging Terminals in a Wireless Communication System	Pending	24-May-18						Sierra Wireless, Inc.

LP	US	Method and Apparatus for Paging Terminals in a Wireless Communication System	Issued	4-Nov-16	US-2017-0135066-A1	11-May-17	10271302	23-Apr-19		Sierra Wireless, Inc.
PAT	EP	Methods and Apparatuses for User Equipment Access to a Wireless Communication System	Published	29-Sep-17	EP3520545	7-Aug-19	-	-	30-Sep-17	Sierra Wireless, Inc.
PAT	US	Methods and Apparatuses for User Equipment Access to a Wireless Communication System	Pending	29-Sep-17	US2018/098360	5-Apr-18	-	-	30-Sep-17	Sierra Wireless, Inc.
PAT	CN	Method and Apparatus for Secure Computing Device Start Up	Published	22-Mar-18	CN110494856A	22-Nov-19				Sierra Wireless, Inc.
PAT	EP	Method and Apparatus for Secure Computing Device Start Up	Pending	22-Mar-19	3602375	5 Feb. 2020				Sierra Wireless, Inc.
PAT	WO	Method and Apparatus for Secure Computing Device Start Up	Published	22-Mar-18	WO2018/176125	4-Oct-18				Sierra Wireless, Inc.

PAT	US	Method and Apparatus for Secure Computing Device Start Up	Issued	28-Mar-18	US20180285570A1	4-Oct-18	11048801	29-Jun-20	Sierra Wireless, Inc.
PAT	US	Protection Circuit Involving Positive Temperature Coefficient Device	Issued	2-Mar-18	US20190273373	5-Sep-19	10868416	15-Dec-20	Sierra Wireless, Inc.
PAT	US	Method and System for Using Enhanced Primary Synchronization Signal	Issued	2-May-18	2018/0324722	8-Nov-18	10764847	1-Sep-20	Sierra Wireless, Inc.
PAT	EP	Method and Apparatus for Indicating a System Information Block Change	Published	8-Aug-18	18844149.7				
PAT	WO	Method and Apparatus for Indicating a System Information Block Change	Published	8-Aug-18	WO 2019/028553	14-Feb-19			Sierra Wireless, Inc.
PAT	US	Method and Apparatus for Indicating a System Information Block Change	Pending	8-Aug-18	US2019/053156	14-Feb-19			Sierra Wireless, Inc.
PAT	US	Method and Apparatus for Secure Software Update	Issued	15-Jun-18	US20190384586		10977024	13-Apr-21	Sierra Wireless, Inc.

PAT	US	2 Tone in-phase pi/2 BPSK Sub-PRB Modulation Methods and Apparatuses For Phase Rotation in 2 Sub Carrier PI/2 Binary Phase Shift Keying Communication	Issued	15-Nov-18	US20190149381A1	16-May-19	10931492	23-Feb-21	Sierra Wireless, Inc.
PAT	US	DMRS for a 2 sub-carrier pi/2 BPSK Modulation in an OFDMA system, Joint filing with D18010410 as Methods and Apparatuses for Implementation of Cyclic Prefix and Demodulation Reference Signals in 2 Sub-Carrier Pi/2 Binary Phase Shift Keying Modulation in a Communication System	Issued	16-Jan-19	US20190222447A1	18-Jul-19	10,630,445	21-Apr-20	Sierra Wireless, Inc.
PAT	US	DMRS for a 2 sub-carrier pi/2 BPSK Modulation in an OFDMA system	Published	16-Jan-19	US20190222388	18-Jul-19			Sierra Wireless, Inc.

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PAT	US	Method and Apparatus for Multi-Transport Block Grant Transmissions (Multi-DCI TBI HARQ)	Pending	9-Aug-18	US20200053769	13-Feb-20				Sierra Wireless, Inc.
PAT	WO	Method and Apparatus for Communication of System Information in a Wireless System	Pending	3-Sep-19	WO2020/047655	12-Mar-20				Sierra Wireless, Inc.
PAT	US	Method and Apparatus for Communication of System Information in a Wireless System	Pending	5-Sep-19	US2020/0092905	19-Mar-29				Sierra Wireless, Inc.
PAT	US	Method and Apparatus for Supporting Two-step Random Access Channel Usage in a Wireless Communication System	Pending	14-Feb-20	US 2020-267774					Sierra Wireless, Inc.
PAT	US	Method and Apparatus for Supporting Two-Step Random Access Channel	Pending	14-Feb-20	US2020/0267774	20-Aug-20				Sierra Wireless, Inc.

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		Usage in a Wireless Channel Using a							
PAT	WO	Method and Apparatus for Time Advance Validation Using Reference Signal Received Power	Pending	13-Feb-20	WO2020/163957				
PAT	US	Method and apparatus for time advance validation using reference signal received power	Pending	13-Feb-20	US 2020-260397				Sierra Wireless, Inc.
PAT	US	Methods and Apparatuses for Supporting Multi Transport Block Grant Data Transmission in a Wireless communication System	Pending	27-Feb-20	US2021/0273751	2-Sep-21			Sierra Wireless, Inc.
VAL	DE	System and Method for Remotely Monitoring Modem Status	Validati on	30-Jul-02	EP1415436		EP1415436	12-Sep-07	Sierra Wireless, Inc.
VAL	FR	System and Method for Remotely Monitoring Modem Status	Validati on	30-Jul-02	EP1415436		EP1415436	12-Sep-07	Sierra Wireless, Inc.

VAL	GB	System and Method for Remotely Monitoring Modem Status	Validati on	30-Jul-02	EP1415436		EP1415436	12-Sep-07		Sierra Wireless, Inc.
LP	US	System and Method for Remotely Monitoring Modem Status	Issued	30-Jul-01	US 2003-0023720	30-Jan-03	7600013	06-Oct-09	Projecte d th March 16, 2024 (30-Jul-21+960 PTA)	Sierra Wireless, Inc.
LP	US	System and Method for Remotely Monitoring Modern Status	Issued	20-Dec-01	US 2003-0120818	26-Jun-03	7023878	4-Apr-06		Sierra Wireless, Inc.
PAT	US	Always-on Virtual Private Network Access	Issued	26-Jul-02	US 2004-0068666	8-Apr-04	8,707,406	22-Apr-14		Sierra Wireless, Inc.
VAL	DE	Efficient Notification Of New Electronic Mail Arrival	Validati on	2-Sep-04	EP1661305	31-May-06	1661305	8-Jan-14		Sierra Wireless, Inc.
VAL	FR	Efficient Notification Of New Electronic Mail Arrival	Validati on	2-Sep-04	EP1661305	31-May-06	1661305	8-Jan-14		Sierra Wireless, Inc.
VAL	GB	Efficient Notification Of New Electronic Mail Arrival	Validati on	2-Sep-04	EP1661305	31-May-06	1661305	8-Jan-14		Sierra Wireless, Inc.
VAL	HK	Efficient Notification Of New Electronic	Validati on	2-Sep-04	HK1092619	2-Sep-07	HK1092619	11-Apr-14		Sierra Wireless, Inc.

		Mail Arrival (Previously incorrect labelled - 872, Validation from EP-780, HK stage II)								
LP	CN	Dynamic Bus Based Virtual Channel Multiplexing Device Driver Architecture	Issued	6-Oct-06	CN10149063 7	22-Jul-09	ZL20068004 1579.X	7- Sep- 11	Sierra Wireless, Inc.	
PAT	DE	METHOD AND APPARATUS FOR GLOBAL NAVIGATION SATELLITE SYSTEM RECEIVER COUPLED TO A HOST COMPUTER SYSTEM	Validati on	22-Sep- 09	2331984	15-Jun-11	2331984	29- May- 13	Sierra Wireless, Inc.	
PAT	FR	METHOD AND APPARATUS FOR GLOBAL NAVIGATION SATELLITE SYSTEM RECEIVER COUPLED TO A HOST COMPUTER SYSTEM	Validati on	22-Sep- 09	2331984	15-Jun-11	2331984	29- May- 13	Sierra Wireless, Inc.	

PAT	GB	METHOD AND APPARATUS FOR PORT FORWARDING IN NETWORK ADDRESS TRANSLATION	Issued	17-Nov-09	2478470	7-Sep-11	2478470	16-Apr-14		Sierra Wireless, Inc.
PAT	US	Method and Apparatus for Port Forwarding in Network Address Translation	Issued	17-Nov-09	US 2012-0023257-A1	26-Jan-12	8,812,730	19-Aug-14	31-Jan-30	Sierra Wireless, Inc.
PAT	DE	Method and System for Aggregating Communications	Validati on	12-Feb-10	2,396,937	21-Dec-11	EP2396937 (DE60 2010 046 215.3)	25-Oct-17	12-Feb-30	Sierra Wireless, Inc.
PAT	FR	Method and System for Aggregating Communications	Validati on	12-Feb-10	2,396,937	21-Dec-11	EP2396937	25-Oct-17	12-Feb-30	Sierra Wireless, Inc.
PAT	GB	Method and System for Aggregating Communications	Validati on	12-Feb-10	2,396,937	21-Dec-11	EP2396937	25-Oct-17	12-Feb-30	Sierra Wireless, Inc.
PAT	US	Method and System for Aggregating Communications	Issued	12-Feb-09	US 2010-0205260	12-Aug-10	8,924,486	30-Dec-14	31-Jul-29	Sierra Wireless, Inc.
PAT	DE	METHOD AND APPARATUS FOR ASSOCIATING INDENTITY MODULES AND TERMINAL EQUIPMENT	Validati on	17-Nov-09	2,356,836	17-Aug-11	EP2356836 / DE60 2009 043 759.3	1-Jan-17	17-Nov-29	Sierra Wireless, Inc.

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PAT	FR	METHOD AND APPARATUS FOR ASSOCIATING INDENTITY MODULES AND TERMINAL EQUIPMENT	Validati on	17-Nov-09	2,356,836	17-Aug-11	EP2356836	1-Jan-17	17-Nov-29	Sierra Wireless, Inc.
PAT	GB	METHOD AND APPARATUS FOR ASSOCIATING INDENTITY MODULES AND TERMINAL EQUIPMENT	Validati on	17-Nov-09	2,356,836	17-Aug-11	EP2356836	1-Jan-17	17-Nov-29	Sierra Wireless, Inc.
PAT	NL	METHOD AND APPARATUS FOR ASSOCIATING INDENTITY MODULES AND TERMINAL EQUIPMENT	Validati on	17-Nov-09	2,356,836	17-Aug-11	EP2356836	1-Jan-17	17-Nov-29	Sierra Wireless, Inc.
PAT	US	Method and Apparatus for Associating Universal Integrated Circuit Card and Mobile Equipment	Issued	17-Nov-09	US 2011/0287740	24-Nov-11	9,628,474	18-Apr-17	17-Nov-29	Sierra Wireless, Inc.
	US	Method for switching a terminal over from a first radiocommunications network to a	Issued	1-Oct-2014	US 2015-0094011		US9635532	25-Apr-17		Sierra Wireless, S.A.

		second radiocommunications network, corresponding computer program product, storage means and terminal								
	US	Method and device for controlling the access of equipment for a network of the machine-to- machine type to the resources of a cellular telephony network	Issued	28-Feb- 2013	US 2014- 0087743	US9148746	29- Sep- 2015	Sierra Wireless, S.A.		
	US	System for communicating between a non- connected equipment and a management server	Issued	1-Oct- 2012	US 2013- 0272195	US8902818	2- Dec- 2014	Sierra Wireless, S.A.		
	US	Methods for transmitting and managing voice frames, computer program product, means of storage and corresponding devices	Issued	16-Oct- 2009	US 2010- 0099400	US8289847	16- Oct- 12	Sierra Wireless, S.A.		
	US	Device for electromagnetic shielding and	Issued	19-Jun- 2009	US 2011- 0194259	US8422234	16- Apr- 13	Sierra Wireless, S.A.		

		REDES HIBRIDAS.							
LP	MX	ENTREGA DE DATOS Y AUDIO DE EVENTOS DEL SISTEMA DE ALARMA.	Issued	4-Apr-12	WO 2012/138683	25-Oct-13	327,143	20-Jan-15	Sierra Wireless, America, Inc.
PAT	MX	CONTROL IMPERACTIVO DE SISTEMAS DE ALARMA POR INTERFAZ DE TELEFONO UTILIZANDO UNA PUERTA DE ENLACE INTERMEDIA.	Issued	27-Apr-12	WO 2012/149262	13-Feb-20	327,926	16-Feb-15	Sierra Wireless America, Inc.
PAT	WO	Method and Apparatus for Multi-Transport Block Grant Transmissions (Multi-TB Scheduling with Time Diversity)	Published	9-Aug-18	WO 2020/028993				Sierra Wireless, Inc.
PAT	EP	METHOD AND APPARATUS FOR MULTI-TRANSPORT BLOCK GRANT TRANSMISSIONS	Pending	9-Aug-18		23-Sep-20			Sierra Wireless, Inc.

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REEL: 007662 FRAME: 0107

PAT	EP	2 Tone in-phase pi/2 BPSK Sub-PRB Modulation	Published	14-Nov-18	3711268	25-Nov-20				Sierra Wireless, Inc.
		"DMRS for a 2 sub-carrier pi/2 BPSK Modulation in an OFDMA system, Joint filing with D18010410 as Methods and Apparatuses for Implementation of Cyclic Prefix and Demodulation Reference Signals in 2 Sub-Carrier Pi/2 Binary Phase Shift Keying Modulation in a Communication System"	Pending							
PAT	EP	Methods and Systems for Remote Software Update	Pending	1-Aug-19	EP3830689					Sierra Wireless, Inc.
PAT	EP	Method and Apparatus for Communication of System Information in a Wireless System	Pending	3-Sep-19		25-Jul-19				Sierra Wireless, Inc.
PAT	EP	Methods and Apparatuses For Phase Rotation in 2	Published	16-Jan-20	EP19740781.0					Sierra Wireless, Inc.

		Sub Carrier P1/2 Binary Phase Shift Keying Communication (Focus of claims is the successful, in US, phase rotation. Note: MBM reference is as for the combined PCT filing ~306)																		
PAT	EP	Method and Apparatus for Time Advance Validation Using Reference Signal Received Power	Pending	13-Feb-20			20-Aug-20													Sierra Wireless, Inc.
PAT	WO	Method and Apparatus for Supporting Two-Step Random Access Channel Usage in a Wireless Channel Using a	Published	14-Feb-20	WO 2020/163969															Sierra Wireless, Inc.
PAT	WO	Method And Apparatus For Facilitating Transmissions In A Wireless Communication System	Pending	2-Oct-20			10-Jun-21													Sierra Wireless, Inc.

TRADEMARK

REEL: 007662 FRAME: 0110

PAT	WO	METHOD AND APPARATUS FOR DEVICE TO DEVICE COMMUNICATION FOR CELLULAR DEVICES	Pending	27-Nov-20	WO 2021/108897	4-Oct-13			Sierra Wireless, Inc.
PAT	WO	Methods and Apparatuses for Supporting Multi Transport Block Grant Data Transmission in a Wireless communication System	24-Feb-21						Sierra Wireless, Inc.
LP	US	LAN/WWAN GATEWAY CARRIER CUSTOMIZATION	Issued	10-Nov-06	US 2007-0104169	10-May-07	8,054,778	8-Nov-11	Sierra Wireless America Inc.
LP	US	System for Communicating Messages Via a Forward Overhead Control Channel for a Programmable Logic Control Device	Issued	20-Sep-00			6,718,177	6-Apr-04	Numerex Corp. *
LP	US	Interconnect System and Method for Multiple	Issued	2-Jan-02			6,882,843	19-Apr-05	Numerex Corp. *

		Protocol Short Message Services								
LP	US	Communications Device for Conveying Geographic Location Information Over Capacity Constrained Wireless Systems	Issued	30-Sep-02			6,718,237	6-Apr-04	Numere Corp.*	
LP	US	Communication Device for Conveying Geographic Location Information Over Capacity Constrained Wireless Systems	Issued	6-Feb-04			7,272,494	18-Sep-07	Numere Corp.*	
LP	US	Method and System for Remote Interaction with a Vehicle via Wireless Communication	Issued	21-Jan-05			7,323,970	29-Jan-08	Numerex Corp.*	
LP	US	Two-way Voice and Voice over IP receivers for Alarm Systems	Issued	6-Feb-06			7,734,020	8-Jun-10	Numerex Corp.*	
LP	US	Method and System for Remotely Monitoring the	Issued	14-Dec-07			7,880,599	1-Feb-11	Numerex Corp.*	

LP	US	Service escrowed portable wireless event reporting system	Issued	7-Aug-12			8,543,097	24-Sep-13	Numerex Corp. *
LP	US	Dynamic Reverse Geofencing	Issued	10-Sep-12			8,761,795	24-Jun-14	Numerex Corp. *
LP	US	Method and System for Remote Coupling Security System Control	Issued	3-Oct-12			8,970,364	3-Mar-15	Numerex Corp. *
LP	US	Using Statistical Analysis to Infer an Accurate GPS Location for Use in Tracking Devices	Issued	4-Jan-13			9,207,331	8-Dec-15	Numerex Corp. *
LP	US	System and Method for Using Alarm System Zones for Remote or Mobile Objects	Issued	18-Apr-13			9,041,527	26-May-15	Numerex Corp. *
LP	US	Wireless VoIP Network for Security System Monitoring	Issued	11-Jul-13			9,094,410	28-Jul-15	Numerex Corp. *
LP	US	Service escrowed portable wireless event reporting system	Issued	21-Aug-13			8,855,716	7-Oct-14	Numerex Corp. *
LP	US	Alarm Sensor Supporting Long-Range Wireless Communication	Issued	29-Aug-13			9,153,124	6-Oct-15	Numerex Corp. *

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REEL: 007662 FRAME: 0114

LP	US	Method and system for untethered two-way voice communication for an alarm system	Issued	27-Sep-13			9,177,464	3-Nov-15	Numerex Corp. *
LP	US	Delivery of Security Solutions Based on Demand	Issued	8-Nov-13			9,235,855	12-Jan-16	Numerex Corp. *
LP	US	Delivery of Alarm System Event Data and Audio Over Hybrid Network	Issued	20-Feb-14			9,350,871	24-May-16	Numerex Corp. *
LP	US	Method and Apparatus for Communication of System Information in a Wireless System	issued	25-Apr-14	US-2014-0334372	13-Nov-14	10,009,831	26-Jun-18	Sierra Wireless Inc.
LP	US	Mobile Management Message Distribution and Active On-Network Determination	Issued	8-May-14			9,510,180	29-Nov-16	Numerex Corp. *
LP	US	Dynamic Reverse Geofencing	Issued	23-Jun-14			9,801,015	24-Oct-17	Numerex Corp. *
LP	US	Method and System for Mitigating Invasion Risk Associated with Stranger Interactions in a	Issued	16-Jul-14			9,183,730	10-Nov-15	Numerex Corp. *

		Remote or Mobile Objects								
LP	US	Method and System for Locating a Wireless Tracking Device Associated with a Network of Alarm Panels	Issued	1-Jul-15			9,503,848	22-Nov-16		Numerex Corp. *
LP	US	Method and System for Locating a Wireless Tracking Device	Issued	1-Jul-15			9,794,742	17-Oct-17		Numerex Corp. *
LP	US	System and Method for Camera Registration	Issued	8-Jul-15			11,055,724	6-Jul-21		Numerex Corp. *
LP	US	Motor Fault Detection System and Method	Issued	19-Aug-15			10,107,675	23-Oct-18		Numerex Corp. *
LP	US	Mobile Management Message Distribution and Active On-Network Determination	Issued	23-Sep-15			9,763,025	12-Sep-17		Numerex Corp. *
LP	US	Method and System for Locating a Personal Emergency Response System (PERS) Device Based on Real Estate Lockbox Interaction	Issued	8-Jan-16			10,304,317	28-May-19		Numerex Corp. *

LP	US	"Method and Apparatus for Communicating System Information and Random Access in a Wireless System	Issued	7-Apr-16	US-2016-0302024	13-Oct-16	10,111,067	23-Oct-18	Sierra Wireless Inc.
LP	US	Offender Monitor Messaging System	Issued	28-Jul-16			9,877,172	23-Jan-18	Numeret Corp. *
LP	US	Method And System For Locating A Wireless Tracking Device	Issued	5-Sep-17	US20170366931 A1	21-Dec-17	10,264,391	16-Apr-19	Numeret Corp. *
PAT	US	Method and Apparatus for Multi-Transport Block Grant Transmissions (Multi-DCI TBI HARQ)	Pending as part of D18062510	9-Aug-18					Sierra Wireless Inc.
PAT	US	DMRS for a 2 sub-carrier pi/2 BPSK Modulation in an OFDMA system	Published	16-Jan-19	US20190222388	18-Jul-19			Sierra Wireless Inc.
PAT	US	METHOD AND APPARATUS FOR DEVICE TO DEVICE COMMUNICATION FOR CELLULAR	Pending	30-Oct-19					Sierra Wireless Inc.

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REEL: 007662 FRAME: 0118

PAT	GB	Cognitive Wireless System	Validation	9-Jul-08	EP2304989	6-Apr-11	EP2304989	26-Apr-17	Sierra Wireless Inc.
PAT	US	Selective File Provisioning Depending on Mode of Operation of an Electronic Device Capable of Assuming a Plurality of Operating Modes	Issued	12-Jul-10	US 2012-0011175	12-Jan-12	8,612,494	17-Dec-13	Sierra Wireless Inc.
PAT	CN	Method and System for Performing Position Updates in a Wireless Communication System	Issued	11-Jan-12	CN 102804883 A	28-Nov-12	ZL20108003 1420.6	2-Nov-16	Sierra Wireless, Inc.
VAL	DE	Method and System for Performing Position Updates in a Wireless Communication System	Validation	11-May-10	EP2430864 DE 60 2010 048494.7		2430864	14-Feb-18	Sierra Wireless, Inc.
VAL	FR	Method and System for Performing Position Updates in a Wireless Communication System	Validation		2430864		2430864	14-Feb-18	Sierra Wireless, Inc.
VAL	GB	Method and System for Performing Position Updates in	Validation		2430864		2430864	14-Feb-18	Sierra Wireless, Inc.

		a Wireless Communication System																		
VAL	NL	Method and System for Performing Position Updates in a Wireless Communication System	Validation		2430864		2430864	14-Feb-18												Sierra Wireless, Inc.
	DE	Method and System for Wireless Communication with Machine-to-Machine Devices	Validation																	
PAT	EP	Method and System for Wireless Communication with Machine-to-Machine Devices	Allowed	14-Jun-13	2862374	22-Apr-15														Sierra Wireless, Inc.
	FR	Method and System for Wireless Communication with Machine-to-Machine Devices	Validation																	
	GB	Method and System for Wireless Communication with Machine-to-Machine Devices	Validation																	
PAT	GB	Wireless transmission of media to an	Published	23-Oct-13	GB2508294	28-May-14														Cambridge Executive Limited

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		audio/visual output device							(D.B.A. Blue Creator
PAT	DE	Method and Apparatus for Broadcast Channel Decoding	Validati on	2-Apr-14	EP2982167		EP2982167	28-Feb-18	Sierra Wireless, Inc.
PAT	FR	Method and Apparatus for Broadcast Channel Decoding	Validati on	2-Apr-14	EP2982167		EP2982167	28-Feb-18	Sierra Wireless, Inc.
PAT	GB	Method and Apparatus for Broadcast Channel Decoding	Validati on	2-Apr-14	EP2982167		EP2982167	28-Feb-18	Sierra Wireless, Inc.
LP	CN	Method and Apparatus for Determining Time-Varying Limitations of a Power Source	Issued	16-May-14	CN 105379040A		ZL 20148003895 5.4.	16-Oct-18	Sierra Wireless, Inc.
VAL	DE	Method and Apparatus for Determining Time-Varying Limitations of a Power Source	Validati on	16-May-14	EP3005511		DE60201404 9559.1 (EP3005511)	3-Jul-19	Sierra Wireless, Inc.
LP	EP	Method and Apparatus for Determining Time-Varying Limitations of a Power Source	Issued	16-May-14	EP3005511		EP3005511	3-Jul-19	Sierra Wireless, Inc.
VAL	FR	Method and Apparatus for Determining Time-	Validati on	16-May-14	EP3005511		EP3005511	3-Jul-19	Sierra Wireless, Inc.

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REEL: 007662 FRAME: 0123

		Varying Limitations of a Power Source								
PAT	EP	Abbreviated Blind Detection in Wireless Communication Systems Including LTE	Published	9-Mar-15	3120644	25-Jan-17				Sierra Wireless, Inc.
PAT	WO	Abbreviated Blind Detection in Wireless Communication Systems including LTE	Published	9-Mar-15	WO 2015/139127	24-Sep-15				Sierra Wireless, Inc.
PAT	EP	Method and Apparatus for Communication of System Information in a Wireless System	Issued	6-Nov-15	EP3216311	17-Aug-17	3216311	14-Aug-19		Sierra Wireless, Inc.
PCT	WO	Method and Apparatus for Communication of System Information in a Wireless System	Published	6-Nov-15	WO 2016/070285	12-May-16				Sierra Wireless, Inc.
PAT	EP	Method and Apparatus for Communicating System Information and Random Access in a Wireless System	Pending	7-Apr-16	EP3281475	13-Oct-16				Sierra Wireless, Inc.

PAT	CN	Method and Apparatus for Resource Allocation for Half Duplex Frequency Division Duplexing in a Wireless Communication System	Pending	13-May-16						Sierra Wireless, Inc.
PAT	WO	Method and Apparatus for Communicating System Information and Random Access in a Wireless System	Pending	7-Apr-16	WO 2016/161510	13-Oct-16				Sierra Wireless, Inc.
PAT	WO	Method and Apparatus for Paging Terminals in a Wireless Communication System	Published	4-Nov-16	WO 2017/075713	11-May-17				Sierra Wireless, Inc.
VAL	FR	TLS Abbreviated Session Identifier Protocol	Validation	9-May-13		25-Mar-15	EP2850776	27-Sep-17		Sierra Wireless, Inc.
PAT	EP	SUBSCRIPTION AND CHARGING CONTROL FOR WIRELESS COMMUNICATIONS BETWEEN PROXIMATE DEVICES	Published	1-Feb-13	2810492	10-Dec-14				Sierra Wireless, Inc.

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REEL: 007662 FRAME: 0124

PAT	CN	UICC Encapsulated in Printed Circuit Board of Wireless Terminal	Issued	2-May-13	CN 104365186 A	18-Feb-15	CN 104365186 B	22-Aug-17	Sierra Wireless, Inc.
PAT	EP	Method, Apparatus and System for Uplink Radio Resource Allocation in an LTE Communication System	Issued	4-Oct-13	2904864	12-Aug-15	2904864	18-Sep-19	Sierra Wireless, Inc.
PAT	WO	Method and System for Hybrid Automatic Repeat Request Combining on an LTE Downlink Control Channel	Published	28-Dec-12	WO 2014/100898	3-Jul-14			Sierra Wireless, Inc.
PAT	WO	Method and Apparatus for Resource Allocation for Half Duplex Frequency Division Duplexing in a Wireless Communication System	Published	13-May-16	WO 2016/179711	17-Nov-16			Sierra Wireless, Inc.
PAT	WO	Method and System for Transmitting Control Information for User Equipment	Published	23-Sep-16	WO 2017/049413	30-Mar-17			Sierra Wireless, Inc.

PAT	WO	Method and System for Paging User Equipment	Pending	3-Oct-16	WO 2017/054092	6-Apr-17				Sierra Wireless, Inc.
PAT	WO	Methods and Apparatuses for User Equipment Access to a Wireless Communication System	Published	29-Sep-17	WO 2018/058255	5-Apr-18	-	-	30-Sep-17	Sierra Wireless, Inc.
PAT	WO	Broadcast Downlink Control Information Decodable by Variable Bandwidth	Published	18-Aug-17	WO2018032110	22-Feb-18				Sierra Wireless, Inc.
PAT	WO	Method and Apparatus for Secure Software Update	Pending	11-Jun-19						Sierra Wireless, Inc.
PAT	WO	2 Tone in-phase pi/2 BPSK Sub-PRB Modulation	Published	14-Nov-18	WO2019/095057	23-May-19				Sierra Wireless, Inc.
PAT	WO	Methods and Systems for Remote Software Update	Pending	3-Aug-18						Sierra Wireless, Inc.
LP	US	Method and Apparatus for Register Setting Via Multiplexed Chip Contacts	Issued	22-Dec-14	US-2016-0182250	23-Jun-16	9,832,037	28-Nov-17		Sierra Wireless, Inc.
LP	US	Efficient Notification Of	Issued	4-Sep-03	US 2005-0055443	10-Mar-05	7624147	24-Nov-09	Projected to April 29,	Sierra Wireless, Inc.

		New Electronic Mail Arrival							2026 (4-Sep-23 + 968 PTA)	
PAT	EP	Broadcast Downlink Control Information Decodable by Variable Bandwidth	Published	28-Feb-19	EP3501191	26-Jun-19				Sierra Wireless, Inc.
	US	Device for controlling the operation of a radiocommunication electronic module, and corresponding electronic circuit	Issued	1-Dec-2008	US 2011-0021159		US 8838039	16-Sep-14		Sierra Wireless, S.A.
	US	Method for managing the execution of a software architecture of a radiocommunication circuit with constant processor frequency, corresponding computer program product and circuit	Issued	16-Jul-2008	US 2012-0042191		US 8650412	11-Feb-14		Sierra Wireless, S.A.
	US	Method for detecting the scrambling of a radiocommunication	Issued	11-Jul-2008	US 2012-0170754		US 8565439	22-Oct-13		Sierra Wireless, S.A.

	n network, and corresponding storage means and circuit								Sierra Wireless S.A.
US	Radio data transmission method employing several different pilot patterns, corresponding base station, mobile, system and reception method	Issued	16-Apr-2004	US 2008-0107135		US 8611376	17-Dec-13		

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REEL: 007662 FRAME: 0128

TRADEMARKS

Registered Trademarks

Trademark:	Owner	Country	Regn No.:	Regn date:
AIRPRIME 1560-261	Sierra Wireless, Inc.	Brazil	840563310	May 14, 2016
AIRPRIME 1560-204	Sierra Wireless, Inc.	Canada	TMA807,260	Sep 22, 2011
AIRPRIME 1560-237-E	Sierra Wireless, Inc.	US	4,110,874	Mar 13, 2012
AIRPRIME 1560-240	Sierra Wireless, Inc.	China	8581057	Aug 7, 2010
AIRPRIME	Sierra Wireless, Inc.	Australia	1376348	Aug 6, 2010

1560-242					
AIRPRIME	Sierra Wireless, Inc.	EU	9300815	Aug 6, 2010	
1560-238					
AIRPRIME	Sierra Wireless, Inc.	Hong Kong	301683081	Aug 6, 2010	
1560-241					
AIRPRIME	Sierra Wireless, Inc.	Japan	5517547	Aug 31, 2012	
1560-239					
AIRPRIME	Sierra Wireless, Inc.	Korea	40-1093529	Mar 12, 2015	
1560-267					
AIRPRIME	Sierra Wireless, Inc.	New Zealand	828430	Aug 6, 2010	
1560-243					
AIRPRIME	Sierra Wireless, Inc.	South Africa	2014/11094	May 2, 2014	
1560-276-E					
AIRVANTAGE	Sierra Wireless, Inc.	Canada	TMA849,519	Apr 25, 2013	
1560-203					
AIRVANTAGE	Sierra Wireless, Inc.	EU	8773004	Jun 16, 2010	
1560-206					
AIRVANTAGE	Sierra Wireless, Inc.	New Zealand	817956	Jul 8, 2010	
1560-208					
AIRVANTAGE	Sierra Wireless, Inc.	Australia	1339232	Jan. 4, 2010	
1560-207					
AIRVANTAGE	Sierra Wireless, Inc.	Hong Kong	301509769	Dec. 28, 2009	
1560-210					

AIRVANTAGE 1560-268	Sierra Wireless, Inc.	Korea	45-0054823	Mar 12, 2015
AIRVANTAGE (Class 9)	Sierra Wireless, Inc.	China	8009329	Jan. 20, 2010
1560-209				
AIRVANTAGE (Class 38)	Sierra Wireless, Inc.	China	8009328	Jan. 20, 2010
1560-209				
AIRVANTAGE (Class 42)	Sierra Wireless, Inc.	China	8009327	Jan. 20, 2010
1560-209				
AIRVANTAGE (Class 9)	Sierra Wireless, Inc.	South Africa	2014/11094	May 2, 2014
1560-275-E				
AIRVANTAGE (Class 38)	Sierra Wireless, Inc.	South Africa	2014/11092	May 2, 2014
1560-280-E				
AIRVANTAGE (Class 42)	Sierra Wireless, Inc.	South Africa	2014/11093	May 2, 2014
1560-281-E				
AIRVANTAGE	Sierra Wireless, Inc.	US	4,243,932	Nov 20, 2012
1560-205				
CF3	Sierra Wireless, Inc.	Canada	TMA953,746	Oct 28, 2016
1560-294-E				
CF3	Sierra Wireless, Inc.	US	5,153,592	Mar 7, 2017
1560-295-E				

HEART OF THE WIRELESS MACHINE	Sierra Wireless, Inc.	Canada	TMA432,491	Aug. 26, 1994
1560-161				
INMOTION SOLUTIONS	Sierra Wireless, Inc.	Canada	TMA951,759	Oct 7, 2016
1560-289				
INMOTION SOLUTIONS (Class 9)	Sierra Wireless, Inc.	South Africa	2015/11070	Apr 29, 2015
1560-292-E				
INMOTION SOLUTIONS (Class 37)	Sierra Wireless, Inc.	South Africa	2015/11071	Apr 29, 2015
1560-293-E				
LEGATO	Sierra Wireless, Inc.	Canada	TMA943,123	Jul 12, 2016
1560-264-E				
LEGATO	Sierra Wireless, Inc.	EU	12664066	Aug 1, 2014
1560-272				
LEGATO	Sierra Wireless, Inc.	Japan	5828117	Feb 19, 2016
1560-283-E				
LEGATO	Sierra Wireless, Inc.	US	4,698,092	Mar 10, 2015
1560-265				
LEGATO & Design	Sierra Wireless, Inc.	Canada	TMA946,523	Aug 17, 2016
1560-269-E				
LEGATO & Design	Sierra Wireless, Inc.	US	4,853,539	Nov 17, 2015
1560-270-E				
MANGO	Sierra Wireless, Inc.	AU	1865495	Mar 5, 2017
1560-324				

MANGO	Sierra Wireless, Inc.	CA	TMA1020154	April 26, 2019
1560-321				
MANGO	Sierra Wireless, Inc.	EU	016473481	Aug 14, 2017
1560-320-E				
MANGO	Sierra Wireless, Inc.	US	5,578,114	Oct 9, 2018
1560-322-E				
MANGO & Design	Sierra Wireless, Inc.	Canada	TMA951,403	Oct 4, 2016
1560-303-E				
MANGO & Design	Sierra Wireless, Inc.	US	5,184,368	Apr 18, 2017
1560-304-E				
MANGO & Design (horizontal)	Sierra Wireless, Inc.	Canada	TMA956,052	Nov 22, 2016
1560-306-E				
MANGO & Design (horizontal)	Sierra Wireless, Inc.	US	5,174,239	Apr 4, 2017
1560-307-E				
MANGO & Design (horizontal)	Sierra Wireless, Inc.	EU	15478787	Oct. 27, 2016
1560-310-E				
OCTAVE	Sierra Wireless, Inc.	EU	018049451	Sep 3, 2019
1560-333				
PROJECT MANGO	Sierra Wireless, Inc.	Canada	TMA943,947	Jul 21, 2016
1560-296-E				
PROJECT MANGO	Sierra Wireless, Inc.	EU	14754212	Nov 2, 2015
1560-305-E				
PROJECT MANGO	Sierra Wireless, Inc.	US	5,102,879	Dec 20, 2016
1560-297-E				

SIERRA WIRELESS 1560-214	Sierra Wireless, Inc.	Australia	1343459	Feb 3, 2010
SIERRA WIRELESS 1560-196	Sierra Wireless, Inc.	Canada	TMA816,324	Jan 27, 2012
SIERRA WIRELESS 1560-213	Sierra Wireless, Inc.	EU	8849911	Jul 27, 2010
SIERRA WIRELESS 1560-314-E	Sierra Wireless, Inc.	EU	15795008	Sep 2, 2016
SIERRA WIRELESS in Chinese Characters 1560-177	Sierra Wireless, Inc.	China	3302964	Oct. 21, 2003
SIERRA WIRELESS (Class 9) 1560-217	Sierra Wireless, Inc.	China	8078368	Apr 14, 2014
SIERRA WIRELESS (Class 42) 1560-224	Sierra Wireless, Inc.	China	8078367	Feb 22, 2010
SIERRA WIRELESS 1560-313-E	Sierra Wireless, Inc.	Chile	1234957	Jan 25, 2017
SIERRA WIRELESS 1560-216	Sierra Wireless, Inc.	Hong Kong	301542753	Feb 10, 2010
SIERRA WIRELESS 1560-218	Sierra Wireless, Inc.	Japan	5614114	Sep 13, 2013
SIERRA WIRELESS 1560-316	Sierra Wireless, Inc.	Madrid	1387060	Nov 8, 2016

SIERRA WIRELESS 1560-316MX	Sierra Wireless, Inc.	Madrid	1387060	Jan. 27, 2020
SIERRA WIRELESS 1560-316PH	Sierra Wireless, Inc.	Madrid	1387060	Jun 11, 2018
SIERRA WIRELESS 1560-316US	Sierra Wireless, Inc.	Madrid	1387060	May 7, 2019
SIERRA WIRELESS 1560-215	Sierra Wireless, Inc.	New Zealand	819031	Sep 3, 2013
SIERRA WIRELESS (Class 9)	Sierra Wireless, Inc.	South Africa	2014/11088	May 2, 2014
1560-277-E SIERRA WIRELESS (Class 42)	Sierra Wireless, Inc.	South Africa	2014/11089	May 2, 2014
1560-278-E SIERRA WIRELESS (Class 45)	Sierra Wireless, Inc.	South Africa	2014/11090	May 2, 2014
1560-279-E SIERRA WIRELESS	Sierra Wireless, Inc.	US	4,177,465	Jul 24, 2012
1560-212 SIERRA WIRELESS in Chinese Characters	Sierra Wireless, Inc.	Hong Kong	200313261	Sept. 3, 2002
1560-182 SIERRA WIRELESS & Design	Sierra Wireless, Inc.	Australia	1372559	Jul 16, 2010
1560-229				

SIERRA WIRELESS & Design (Class 9 & 42)	Sierra Wireless, Inc.	Australia	1519957	Oct 15, 2012
1560-255				
SIERRA WIRELESS & Design	Sierra Wireless, Inc.	Canada	TMA930,708	Mar 4, 2016
1560-211-E				
SIERRA WIRELESS & Design	Sierra Wireless, Inc.	EU	9251191	May 2, 2011
1560-227				
SIERRA WIRELESS & Design (Class 9)	Sierra Wireless, Inc.	China	8550458	Jun 14, 2014
1560-231				
SIERRA WIRELESS & Design (Class 38)	Sierra Wireless, Inc.	China	8550457	Aug 6, 2010
1560-244				
SIERRA WIRELESS & Design (Class 41)	Sierra Wireless, Inc.	China	8550550	Aug 6, 2010
1560-245				
SIERRA WIRELESS & Design (Class 42)	Sierra Wireless, Inc.	China	8550549	Aug 6, 2010
1560-246				
SIERRA WIRELESS & Design	Sierra Wireless, Inc.	Hong Kong	301665108	Jul 15, 2010
1560-232				
SIERRA WIRELESS & Design (Class 41)	Sierra Wireless, Inc.	India	2002172	Aug 2, 2010
1560-249				

SIERRA WIRELESS & Design 1560-230	Sierra Wireless, Inc.	Japan	5601546	Jul 26, 2013
SIERRA WIRELESS & Design (Class 9) 1560-233-E	Sierra Wireless, Inc.	India	2002170	Aug 2, 2010
SIERRA WIRELESS & Design (Class 9) 1560-286-E	Sierra Wireless, Inc.	Korea	40-1196972	Aug 18, 2016
SIERRA WIRELESS & Design 1560-236	Sierra Wireless, Inc.	Korea	45-0045992	Aug 27, 2013
SIERRA WIRELESS & Design 1560-228	Sierra Wireless, Inc.	New Zealand	827305	Sep 3, 2013
SIERRA WIRELESS & Design 1560-235	Sierra Wireless, Inc.	Taiwan	1530738	Aug 1, 2012
SIERRA WIRELESS & Design 1560-234	Sierra Wireless, Inc.	Singapore	T1009218B	Jul 21, 2010
SIERRA WIRELESS & Design 1560-226	Sierra Wireless, Inc.	US	4,287,452	Feb 12, 2013
SIERRA WIRELESS SKYLIGHT 1560-262-E	Sierra Wireless, Inc.	Canada	TMA918,986	Oct 30, 2015

SIERRA WIRELESS SKYLIGHT 1560-263-E	Sierra Wireless, Inc.	US	4,958,080	May 17, 2016
SIERRA WIRELESS HEART OF THE WIRELESS MACHINE & Design	Sierra Wireless, Inc.	Australia	931923	Oct. 10, 2005
1560-129				
SIERRA WIRELESS HEART OF THE WIRELESS MACHINE & Design	Sierra Wireless, Inc.	India	1321252	Nov. 19, 2004
1560-132				
SIERRA WIRELESS HEART OF THE WIRELESS MACHINE & Design	Sierra Wireless, Inc.	Taiwan	1078183	Jan. 1, 2004
1560-136				
SWOOSH Design	Sierra Wireless, Inc.	US	2,726,412	June 17, 2003
1560-138				
AIRLINK	Sierra Wireless America, Inc.	Australia	1609556	Mar 5, 2014
1559-140-E				
AIRLINK	Sierra Wireless America, Inc.	Canada	TMA775,836	Aug 31, 2010
1559-108				
AIRLINK	Sierra Wireless America, Inc.	EU	11935483	Nov 20, 2013
1559-141				
AIRLINK	Sierra Wireless America, Inc.	US	3,902,433	Jan. 11, 2011
1559-109-E				
AIRLINK	Sierra Wireless America, Inc.	International	957777	Feb. 4, 2008
1559-119				

AIRLINK	Sierra Wireless America, Inc.	Japan	957777	Feb. 4, 2008
1559-119JP	Sierra Wireless America, Inc.	New Zealand	783705	Feb. 4, 2008
AIRLINK	Sierra Wireless America, Inc.			
1559-110-E	Sierra Wireless America, Inc.	Canada	TMA752,709	Nov. 10, 2009
ALEOS	Sierra Wireless America, Inc.			
1559-112	Sierra Wireless America, Inc.	Taiwan	1343665	Jan. 1, 2009
ALEOS	Sierra Wireless America, Inc.			
1559-113	Sierra Wireless America, Inc.	US	3,510,793	Oct. 7, 2008
ALEOS	Sierra Wireless America, Inc.			
1559-122	Sierra Wireless America, Inc.	International	953067	Feb. 4, 2008
ALEOS	Sierra Wireless America, Inc.			
1559-126	Sierra Wireless America, Inc.	Australia	953067	Feb. 4, 2008
ALEOS	Sierra Wireless America, Inc.			
1559-126AU	Sierra Wireless America, Inc.	EU	953067	Feb. 4, 2008
ALEOS	Sierra Wireless America, Inc.			
1559-126EU	Sierra Wireless America, Inc.	JP	953067	Feb. 4, 2008
ALEOS	Sierra Wireless America, Inc.			
1559-126JP	Sierra Wireless America, Inc.	Singapore	953067	Feb. 4, 2008
ALEOS	Sierra Wireless America, Inc.			
1559-126SG	Sierra Wireless America, Inc.	New Zealand	783706	Aug. 3, 2007
ALEOS	Sierra Wireless America, Inc.			
1559-128-E	Sierra Wireless America, Inc.	Korea	40-1240459	Mar. 17, 2017
SIERRA WIRELESS AIRLINK	Sierra Wireless, Inc.			
1559-143				

UPLINK	Sierra Wireless America, Inc.	US	4,683,816	Feb. 10, 2015
1559-148				
UPLINK	Sierra Wireless America, Inc.	US	4,013,326	Aug. 16, 2011
1559-149				
UPLINK	Sierra Wireless America, Inc.	US	3,279,435	Aug. 14, 2007
1559-150				
UPLINK GPS	Sierra Wireless America, Inc.	US	4,546,091	Jun. 10, 2014
1559-147				
WAVECOM & Design	Sierra Wireless SA	Canada	TMA532,531	Sep 12, 2000
2271-101				
WAVECOM & Design	Sierra Wireless SA	Canada	TMA532,417	Sep 11, 2000
2271-100				
WAVECOM Design	Sierra Wireless SA	US	2,836,393	Apr 27, 2004
2271-107				
OPEN AT	Sierra Wireless SA	US	4,488,483	Feb 25, 2014
2271-113				

Pending Trademark Applications

Trademark:	Owner	Country	Appln No.:	Filing date:
OCTAVE	Sierra Wireless, Inc.	CA	1,926,213	Oct 19, 2018
1560-330				
OCTAVE	Sierra Wireless, Inc.	CA	1,931,736	Nov 21, 2018
1560-332				

OCTAVE 1560-331	Sierra Wireless, Inc.	US	88/203,627	Nov 22, 2018
SIERRA WIRELESS 1560-319	Sierra Wireless, Inc.	CA	1,824,191	Feb 23, 2017
SIERRA WIRELESS 1560-260	Sierra Wireless, Inc.	Brazil	840616023	Aug 20, 2013
SIERRA WIRELESS 1560-302	Sierra Wireless, Inc.	Vietnam	4-2015- 32739	Nov 20, 2015

TRADEMARK

REEL: 007662 FRAME: 0140

COPYRIGHTS

Registered Copyrights

Country	Owner	Copyright Registration No./Registration Date	Title	Category of Work / Status	Copyright Description
CA	Sierra Wireless, Inc.	490003 February 19, 2001	AirBoard	Literary/Artistic / Registered	Instruction manuals for wireless modems and graphics associated with the wireless modems

AMENDED AND RESTATED TRADEMARK SECURITY AGREEMENT

This AMENDED AND RESTATED TRADEMARK SECURITY AGREEMENT (this "Agreement") is dated as of January 19, 2022 between SIERRA WIRELESS AMERICA, INC., a Delaware corporation ("Debtor") and CANADIAN IMPERIAL BANK OF COMMERCE, as administrative agent (together with any successor(s) thereto in such capacity, the "Secured Party") for each of the Lenders (as defined below).

WHEREAS, Debtor and Secured Party previously executed that certain Trademark Security Agreement dated July 31, 2018 (the "Existing Trademark Security Agreement"); and

WHEREAS, Debtor and Secured Party desire to restate the Existing Trademark Security Agreement.

NOW, THEREFORE, Debtor and the Secured Party hereby agree as follows:

Section 1 Definitions; Interpretation.

(a) **Terms Defined in Credit Agreement.** All capitalized terms used in this Agreement and not otherwise defined herein shall have the meanings assigned to them in the Credit Agreement (as defined below).

(b) **Certain Defined Terms.** As used in this Agreement, the following terms shall have the following meanings:

"Collateral" has the meaning set forth in Section 2.

"Credit Agreement" means that certain Credit Agreement dated as of July 31, 2018 among, inter alia, the Secured Party, the various financial institutions as are, or may from time to time become, parties thereto (individually a "Lender" and collectively the "Lenders"), and Sierra Wireless, Inc., as the same may be further amended, modified, supplemented or restated from time to time.

"Lender" has the meaning set forth in the definition of Credit Agreement above.

"PTO" means the United States Patent and Trademark Office.

"Security Agreement" means that certain Security Agreement dated as of July 31, 2018 executed by Debtor in favor of Secured Party as the same may be further amended, modified, supplemented or restated from time to time.

"UCC" means the Uniform Commercial Code as in effect in the State of New York.

(c) **Terms Defined in UCC.** Where applicable in the context of this Agreement and except as otherwise defined herein, terms used in this Agreement shall have the meanings assigned to them in the UCC.

(d) **Construction.** In this Agreement, the following rules of construction and interpretation shall be applicable: (i) no reference to "proceeds" in this Agreement authorizes any sale, transfer, or other disposition of any Collateral by the Debtor; (ii) "includes" and "including" are not limiting; (iii) "or" is not exclusive; and (iv) "all" includes "any" and "any" includes "all".

Section 2 Security Interest.

(a) **Grant of Security Interest.** As security for the payment and performance of the Obligations, the Debtor hereby collaterally assigns, transfers and conveys to the Secured Party, and grants to the Secured Party a security interest in, all of the Debtor's right, title and interest in, to and under the following property, in each case whether now or hereafter existing or arising or in which the Debtor now has or hereafter owns, acquires or develops an interest and wherever located (collectively, the "Collateral"):

(i) all trademarks, trade names, corporate names, company names, business names, fictitious business names, trade styles, service marks, certification marks, collective marks, logos, other source-of-goods or source-of-business identifiers, prints and labels on which any of the foregoing have appeared or appear, designs and general intangibles of a like nature of the Grantor (all of the foregoing items in this clause (i) being collectively called a "Trademark"), now existing anywhere in the world or hereafter adopted or acquired, whether currently in use or not, all registrations and recordings thereof and all applications in connection therewith (excluding intent-to-use registration applications in the United States), whether pending or in preparation for filing, including registrations, recordings and applications in the United States Patent and Trademark Office or in any office or agency of the United States of America or any state thereof or any foreign country, and including those registered trademarks set forth on Schedule A;

(ii) all trademark licenses and other agreements providing the Grantor with the right to use any items of the type described in clause (i);

(iii) all of the goodwill of the business connected with the use of, and symbolized by the items described in, clause (i);

(iv) the right to sue third parties for past, present and future infringements of any Trademark Collateral described in clauses (i) and (ii); and all proceeds of, and rights associated with, the foregoing, including any claim by the Grantor against third parties for past, present or future infringement or dilution of any trademark, trademark registration or trademark license, or for any injury to the goodwill associated with the use of any such Trademark or for breach or enforcement of any Trademark license and all rights corresponding thereto throughout the world.

(b) **Continuing Security Interest.** Debtor agrees that this Agreement shall create a continuing security interest in the Collateral which shall remain in effect until terminated by the Secured Party.

Section 3 Supplement to Credit Agreement. This Agreement has been entered into in conjunction with the security interests granted to the Secured Party under the Credit Agreement and the other security documents referred to therein (including the Security Agreement). The rights and remedies of the Secured Party with respect to the security interests granted herein are without prejudice to, and are in addition to, those set forth in the Credit Agreement and the any other security documents referred to therein (including the Security Agreement). In the event of any inconsistency between any of the terms or provisions hereof and the term and provisions of the Credit Agreement or Security Agreement, the terms and provisions of the Credit Agreement or Security Agreement, as applicable, shall govern.

Section 4 Binding Effect. This Agreement shall be binding upon, inure to the benefit of and be enforceable by the Debtor, the Secured Party and their respective successors and assigns. The Debtor may not assign, transfer, hypothecate or otherwise convey its rights, benefits, obligations or duties hereunder except as specifically permitted by the Credit Agreement. This Agreement shall not cause a novation or termination of any of the obligations of Debtor under the Existing Trademark Security Agreement or the other loan documents executed in connection with the Existing Trademark Security Agreement, nor shall it extinguish, discharge, terminate or impair Debtor's obligations or Secured Party's rights or remedies under any Existing Trademark Security Agreement and such other loan documents. In addition, this Agreement shall not release, limit or impair in any way the priority of any security interests and liens held by Secured Party against any assets of Debtor arising under the Existing Trademark Security Agreement or such other loan documents.

Section 5 Governing Law. This Agreement shall be governed by, and construed in accordance with, the law of the State of New York, except as required by mandatory provisions of law or to the extent the validity, perfection or priority of the security interests hereunder, or the remedies hereunder, in respect of any Collateral are governed by the law of a jurisdiction other than the State of New York.

Section 6 Amendment. Neither this Agreement nor any provision hereof may be modified, amended or waived except by the written agreement of the parties, as provided in the Credit Agreement. Notwithstanding the foregoing, the Secured Party unilaterally may re-execute this Agreement or modify, amend or supplement the Schedule hereto as provided in Section 4.5(f) of the Credit Agreement. To the extent that any provision of this Agreement conflicts with any provision of the Security Agreement, the provision giving the Secured Party greater rights or remedies shall govern, it being understood that the purpose of this Agreement is to add to, and not detract from, the rights granted to the Secured Party under the Security Agreement.

Section 7 Counterparts. This Agreement may be executed in any number of counterparts and by different parties hereto in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute but one and the same agreement. Delivery of an executed counterpart of this Agreement by

facsimile shall be equally as effective as delivery of a manually executed counterpart. Any party hereto delivering a counterpart of this Agreement by facsimile shall also deliver a manually executed counterpart, but the failure to so deliver a manually executed counterpart shall not affect the validity, enforceability or binding effect hereof.

Section 8 **Severability**. If one or more provisions contained in this Agreement shall be invalid, illegal or unenforceable in any respect in any jurisdiction or with respect to any party, such invalidity, illegality or unenforceability in such jurisdiction or with respect to such party shall, to the fullest extent permitted by applicable law, not invalidate or render illegal or unenforceable any such provision in any other jurisdiction or with respect to any other party, or any other provisions of this Agreement.

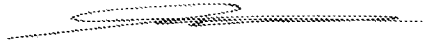
Section 9 **Notices**. All notices and other communications hereunder shall be in writing and shall be mailed, sent or delivered in accordance with the Security Agreement.

(Signature Page Follows)

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement, as of the date first above written.

DEBTOR:

SIERRA WIRELESS AMERICA, INC.

By: 
Name: Sam Cochrane
Title: CFO

[Signature Page to First Amended and Restated Trademark Security Agreement]

SECURED PARTY:

**CANADIAN IMPERIAL BANK OF
COMMERCE**

By: *Mark McQueen*
Name: Mark McQueen, President and Executive MD
Title: Authorized Signatory

By: *A Weiers*
Name: Adam Weiers, Director
Title: Authorized Signatory

[Signature Page to First Amended and Restated Trademark Security Agreement]

SCHEDULE A
to Trademark Security Agreement
Debtor: SIERRA WIRELESS AMERICA, INC.

Registered Trademarks

<u>Mark</u>	<u>Jurisdiction/ Grantor</u>	<u>Application/ Registration Number</u>	<u>Registration Date</u>
AIRLINK	USPTO	3,902,433	Jan. 11, 2011
ALEOS	USPTO	3,510,793	Oct. 7, 2008
UPLINK	USPTO	4,683,816	Feb. 10, 2015
UPLINK	USPTO	4,013,326	Aug. 16, 2011
UPLINK	USPTO	3,279,435	Aug. 14, 2007
UPLINK GPS	USPTO	4,546,091	June 10, 2014