504627636 11/04/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4674354

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA	06/20/2014

RECEIVING PARTY DATA

Name:	WI-FI ONE, LLC		
Street Address:	P.O. BOX 250649		
City:	PLANO		
State/Country:	TEXAS		
Postal Code:	75025		

PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	15467260			

CORRESPONDENCE DATA

Fax Number: (703)816-4100

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: 7038164000

Email: LMM@nixonvan.com

Correspondent Name: JOHN LASTOVA / NIXON & VANDERHYE

Address Line 1:901 N. GLEBE RD., 11TH FLOORAddress Line 4:ARLINGTON, VIRGINIA 22203

ATTORNEY DOCKET NUMBER:	6151-9001/WP6
NAME OF SUBMITTER:	JOHN R. LASTOVA
SIGNATURE:	/John R. Lastova/
DATE SIGNED:	11/04/2017

Total Attachments: 6

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PATENT REEL: 044034 FRAME: 0698

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PATENT ASSIGNMENT AGREEMENT

This PATENT ASSIGNMENT AGREEMENT ("Agreement") dated as of June 20, 2014 (the "Effective Date") by and between:

- (i) Panasonic Intellectual Property Corporation of America, a Delaware corporation ("Assignor"); and
- (ii) Wi-Fi One, LLC, a Delaware limited liability company ("Assignee").

WITNESSETH:

WHEREAS, Assignor and Assignee, entered into a certain Patent Sale and Grant-Back License Agreement, dated as of the Effective Date (the "Assignment Agreement"), whereby Assignor assigned its right, title and interest in and to the Assigned Patents to Assignee; and

WHEREAS, Assignor now wishes to confirm its assignment of the Assigned Patents to Assignee as provided for in the Assignment Agreement as further set forth below.

NOW, THEREFORE, in consideration of the foregoing and the mutual promises and agreements contained in this Agreement, and for other good and valuable consideration the receipt and sufficiency of which are hereby acknowledged, the parties hereby agree as follows:

Assignment. Pursuant and subject to the terms and conditions of the Assignment Agreement, Assignor hereby transfers, assigns and conveys to Assignee its right, title, and interest throughout the world (under any and all laws and in any and all jurisdictions) in and to all of the patents, patent applications and provisional patent applications set forth on Schedule A attached hereto (collectively, the "Assigned Patents"), in each case, subject to all Existing Encumbrances (as defined in the Assignment Agreement). Pursuant to the foregoing assignment, each of the Assigned Patents shall hereafter be for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors and assigns, as fully and entirely as the same would have been held and enjoyed by the applicable Assignor if this Agreement had not been made. The foregoing assignment includes, without limitation, the rights of Assignor, if any, to (A) register or apply in all countries and regions for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for the Assigned Patents; (B) prosecute, maintain and defend the Assigned Patents before any public or private agency, office or registrar including by filing reissues, reexaminations, divisions, continuations, continuations-in-part, substitutes, extensions and all other applications and post issue proceedings included in the Assigned Patents; (C) claim priority based on the filing dates of any of the Assigned Patents under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, and all other treaties of like purposes; and (D) sue and recover damages or other compensation for past, present or future infringements thereof, the right to sue and obtain equitable relief, including injunctive relief, in respect of such infringements, and the right to fully and entirely stand in the place of the applicable Assignor in all matters related to the Assigned Patents.

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- 2. <u>Authorization</u>. Assignor also hereby expressly authorizes the respective patent office or governmental agency in each and every jurisdiction worldwide (including the Commissioner of Patents and Trademarks in the United States Patent and Trademark Office, and the corresponding entities or agencies in any applicable foreign countries or multinational authorities) (the "<u>Applicable IP Offices</u>") to: (A) issue any and all patents or certificates of invention or equivalent which may be granted upon any of the Assigned Patents in the name of Assignee, as the assignee to the Assigner's interest therein; and (B) record Assignee as the assignee of the Assigned Patents and to deliver to Assignee, and to Assignee's attorneys, agents, successors or assigns, all official documents and communications as may be warranted by this Agreement.
- 3. <u>Further Assurances</u>. Each party hereby agrees to execute and deliver to the other party all necessary documents and take all necessary actions reasonably requested by such party from time to confirm or effect the assignments set forth in this Agreement, or otherwise to carry out the purposes of this Agreement, including, without limitation, by providing executed originals of short-form assignment agreements entered into by Assignor and Assignee on the Effective Date for filing or otherwise evidencing the assignments set forth in this Agreement with the Applicable IP Offices; provided, however, that nothing contained herein shall obligate Assignor to incur any cost or pay any expense in connection therewith.
 - 4. Governing Law. This Agreement shall be governed by the laws of Delaware.
- 5. General Provisions. This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original, and all of which together shall constitute one and the same instrument. Delivery of an executed counterpart of a signature page to this Agreement by facsimile or electronic mail shall be as effective as delivery of a manually executed counterpart of this Agreement. This Agreement may not be supplemented, altered, or modified in any manner except by a writing signed by all parties hereto. The failure of any party to enforce any terms or provisions of this Agreement shall not waive any of its rights under such terms or provisions. In the event of a conflict between the terms and conditions of this Agreement and the terms and conditions of the Assignment Agreement, the terms and conditions of the Assignment Agreement shall govern.

[Remainder of this page intentionally left blank.]

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IN WITNESS WHEREOF, Assignor and Assignce have caused this instrument to be executed by their respective duly authorized representative as of the Effective Date.

Assignor:

Panasonic Intellectual Property Corporation of America

Name Yuichivo Takayanag

Title: President

[Signature Page to Patent Assignment Agreement -- PIPCA to Wi-Fi One]

Assignee:

Wi-Fi One, LLC

[Signature Page to Patent Assignment Agreement - PIPCA to Wi-Fi One]

Schedule A

LIST OF ASSIGNED PATENTS

Internal Ref. No.	Country	Status	App No	App Date	Patent No.	Patent Date
						A comment
	20000	950				1000000000
GP012866	GB .	GRANTED GRANTED	08/580887 04001664.4	1995/12/29	5774450	1998/06/30
GP012866 GP012866	DE	GRANTED	69636683.5	2004/01/27	1429509 1429509	2006/11/02
GP012866	FR	GRANTED	04001664.4	2004/01/27	1429509	2006/11/02
GP012866	SE	GRANTED	04001664.4	2004/01/27	1429509	2006/11/02
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GP012866	DE	GRANTED	69637259,2	2005/08/16	1617613	2007/09/19
GP012866	FR	GRANTED	05017756.7	-2005/08/16	-1617613	-2007/09/19 -
GP012866	SE	-GRANTED	±0501.7.756.7	2005/08/16	1617613	-2007/09/19
GP012866	DE	GRANTED	07015310.1	2007/08/03	1848170	2013/09/18
GP012866	FR	GRANTED	07015310.1	2007/08/03	1848170	2013/09/18
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GP012866	JP	GRANTED	H08-001444	1996/01/09	03124717	2000/10/27
GP012866	JP JP	GRANTED GRANTED	2000-284215 2005-168245	2000/09/19	03761068 04129271	2006/01/20 2008/05/23
GP012866 GP012866	JP JP	GRANTED	2008-004462	2003/06/08	04129271	2009/10/30
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GP014838	US	GRANTED	08/863334	1997/05/27	6052377	2000/04/18
GP014838	CN	GRANTED	97114903.8	1997/05/28	97114903.8	2004/09/15
GP014838	CA	GRANTED	2206385	1997/05/27	2206385	2009/03/24
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GP014838	CN	GRANTED	03120277.2	2003/03/07	03120277.2	2007/07/18
GP014838	GB	GRANTED	97108532.9	1997/05/27	0810745	2005/09/28
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GP022544	US	FILED	14/153466	2012/05/13		
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GP027819	US	GRANTED	10/275432	2002/11/06	7257126	2007/08/14
GP027819	CN	GRANTED	02800538.4	2002/11/06	02800538.4	2010/05/12
GP027819	EP	FILED	02702757.2	2002/10/31		
GP027819	JP	GRANTED	2001-101830	2001/03/30	03515079	2004/01/23
GP028962	US	GRANTED	10/486895	2004/02/17	7688901	2010/03/30
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GP028962	KR	GRANTED	2006-7019688	2006/09/22	10-0836988	2008/06/03
GP028962	US	GRANTED	12/698917	2010/02/02	8155224	2012/04/10
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GP487281	JP	GRANTED	2002-325194	2002/11/08	03997890	2007/08/17
GP487281	JP	GRANTED	2002-323154	2006/12/25	04606407	2010/10/15
GP487281	JP	GRANTED	2010-029065	2010/02/12	05020341	2012/06/22
GP487281	1b	GRANTED	2010-192943	2010/08/30	05183701	2013/01/25
GP487281	JP	GRANTED	2010-192944	2010/08/30	05183702	2013/01/25
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GP030935	JP	GRANTED	2002-223491	2002/07/31	03677492	2005/05/13
GP035339	US	GRANTED	10/562555	2005/12/28	8000405	2011/08/16

PATENT REEL: 044034 FRAME: 0703

Internal Ref. No.	Country	Status	App No.	App Date	Patent No.	Patent v
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CONTRACTOR OF	Service Service	EVERENCE:	Sea come Charles (I. 1964)	STATE OF THE STATE OF	Carried St. Section 45	
GP035339	CN	GRANTED	200480017316,6	2005/12/20	200480017316.6	2010/12/15
GP035339	CN	FILED	201010516344 <u>X</u>	2010/10/18		<u></u>
GP035339	US	GRANTED	13/176459	2011/07/05	8295391	2012/10/23
GP035339	US	GRANTED	13/590779	2012/08/21	8520769	2013/08/27
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GP036025	US	GRANTED	11/012498	2004/12/15	7609687	2009/10/27
GP037074	JP	GRANTED	2005-517087	2006/07/14	04551331	2010/07/16
GP037074	US	GRANTED	10/585943	2007/05/30	7916702	2011/03/29
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GP037076	JP	GRANTED .	2005-516906	2006/07/07	04563941	2010/08/06
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GP041085	US	GRANTED	11/817917	2008/01/30	. 7895339	2011/02/22
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GP042635	US	GRANTED	12/281758	2008/09/04	8175057	2012/05/08
GP046161	US	GRANTED	12/529299	2009/10/26	8094565	2012/01/10

PATENT REEL: 044034 FRAME: 0704

RECORDED: 11/04/2017