

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6043217

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	OPTIS WIRELESS TECHNOLOGY, LLC	06/20/2014
RECEIVING PARTY DATA		
Name:	WI-FI ONE, LLC	
Street Address:	1717 MCKINNEY AVE., SUITE 1050	
City:	DALLAS	
State/Country:	TEXAS	
Postal Code:	75202-1244	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16823490
CORRESPONDENCE DATA		
Fax Number:	(703)816-4100	
<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:	703-816-4000	
Email:	ptomail@nixonvan.com	
Correspondent Name:	JOHN R. LASTOVA	
Address Line 1:	901 NORTH GLEBE ROAD, 11TH FLOOR	
Address Line 4:	ARLINGTON, VIRGINIA 22203	
ATTORNEY DOCKET NUMBER:	JRL-6151-351/WO3US7	
NAME OF SUBMITTER:	JOHN R. LASTOVA	
SIGNATURE:	/John R. Lastova/	
DATE SIGNED:	04/02/2020	
Total Attachments: 9		
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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) Optis Wireless Technology, LLC, a Delaware limited liability company, with its registered office presently located at 7161 Bishop Rd., #200, Plano, Collin County, Texas 75024 ("*Assignor*"); and
- (ii) Wi-Fi One, LLC, a Delaware limited liability company, with its registered office presently located at 7161 Bishop Rd., #200, Plano, Collin County, Texas 75024 ("*Assignee*").

WITNESSETH:

WHEREAS, Assignee is an affiliate of Assignor and Assignor now wishes to transfer its rights in the Assigned Patents (as defined below) to Assignee 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:

1. Assignment. Pursuant and subject to the terms and conditions of the Master Sale Agreement, dated as of the date hereof, by and among Assignor, Assignee and the other parties thereto (the "*Master Sale Agreement*") 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. 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.

2. Authorization. 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 "*Applicable*

IP Offices") 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 Assignor'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. Further Assurances. 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 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 Master Sale Agreement or any of the Ancillary Agreements (as defined in the Master Sale Agreement, provided that for purposes of this Agreement such term shall exclude this Agreement), the terms and conditions of the Master Sale Agreement (or the applicable Ancillary Agreement) shall govern.

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

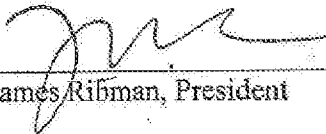
Assignor:

OPTIS WIRELESS TECHNOLOGY, LLC

By 
Leslie D. Ware, Chief Executive Officer

Assignee:

WI-FI ONE, LLC

By 
James Ribman, President

Schedule A

LIST OF ASSIGNED PATENTS

Optis Specified Patent	Declared Standard Essential Patent	Specified Patent Reference No.	Internal Reference Number	Country	Status	Title	App No.	App Date	Patent No.	Patent Date
X		WiFi-001	WO1CN1	CN	GRANTED	Modulation method and radio communication system	99101868.0	2/1/99	99101868.0	2/8/06
X		WiFi-001	WO1JP1	JP	GRANTED	Modulation method and radio communication system	H10-044983	2/26/98	03233092	9/21/01
X		WiFi-001	WO1JP2	JP	GRANTED	Modulation method and radio communication system	2001-139786	5/10/01	03489570	11/7/03
X		WiFi-001	WO1KR1	KR	GRANTED	Modulation method and radio communication system	1999-2939	1/29/99	10-331012	3/20/02
X		WiFi-001	WO1US1	US	GRANTED	Modulation method and radio communication system	10/256202	9/27/02	7233630	6/19/07
X		WiFi-001	WO1US2	US	GRANTED	Modulation method and radio communication system	11/054960	2/11/05	7289577	10/30/07
X		WiFi-001	WO1US3	US	GRANTED	Modulation method and radio communication system	12/764512	3/21/10	RE43338	3/22/08
X		WiFi-001	WO1US4	US	Allowed, Issue Fee Due 6/14/14	Modulation method and radio communication system	13/916324	6/12/13		
X		WiFi-001	WO1US5	US	Abandoned 9/7/13	Modulation method and radio communication system	13/427783			
X		WiFi-002	WO2CN1	CN	GRANTED	Pilot signal transmission technique and digital communication system using same	99105209.9	3/16/99	99105209.9	5/7/08
X		WiFi-002	WO2CN2	CN	GRANTED	Pilot signal transmission technique and digital communication system using same	200810005857.7	2/4/08	200810005857.7	3/38/12
X		WiFi-002	WO2JP1	JP	GRANTED	Pilot signal transmission technique and digital communication system using same	H10-105990	4/16/98	03166705	3/9/01

Optis Specified Patent	Declared Standard Essential Patent	Specified Patent Reference No.	Internal Reference Number	Country	Status	Title	App No.	App Date	Patent No.	Patent Date
						same				
X		WiFi-002	WO2KR1	KR	GRANTED	Pilot signal transmission technique and digital communication system using same	1999-13473	4/16/99	10-0374735	2/20/03
X		WiFi-002	WO2KR2	KR	GRANTED	Pilot signal transmission technique and digital communication system using same	2002-0051032	8/28/02	10-0452789	10/5/04
X		WiFi-002	WO2US1	US	GRANTED	Pilot signal transmission technique and digital communication system using same	09/292398	3/15/99	6608843	8/19/03
X	X	WiFi-004	WO3CN1	CN	GRANTED	Communication method and radio communication apparatus	02811556.2	12/8/03	02811556.2	7/30/08
X	X	WiFi-004	WO3CN2	CN	FILED, Published	Communication method and radio communication apparatus	200810100047.X	11/13/02		
X	X	WiFi-004	WO3KR1	KR	GRANTED	Communication method and radio communication apparatus	2003-7016182	12/10/03	10-0681069	2/2/07
X	X	WiFi-004	WO3KR2	KR	GRANTED	Communication method and radio communication apparatus	2006-7018562	9/11/06	10-0816173	3/17/08
X	X	WiFi-004	WO3KR3	KR	GRANTED	Communication method and radio communication apparatus	2006-7018566	9/11/06	10-0816174	3/17/08
X	X	WiFi-004	WO3US1	US	GRANTED	Communication method and radio communication apparatus	10/486896	2/17/04	7974371	7/5/11
X	X	WiFi-004	WO3US2	US	GRANTED	Communication method and radio communication apparatus	13/153731	6/6/11	8428182	4/23/13
X	X	WiFi-004	WO3US3	US	FILED, Published, NFR 3/26/14	Communication method and radio communication apparatus	13/839910	11/13/01		

Optis Specified Patent	Declared Standard Essential Patent	Specified Patent Reference No.	Internal Reference Number	Country	Status	Title	App No.	App Date	Patent No.	Patent Date
X		WiFi-009	WO4CN1	CN	GRANTED	MIMO-OFDM transmission device and MIMO-OFDM transmission method	200680030825.1	2/22/08	200680030825.1	3/14/12
X		WiFi-009	WO4CN2	CN	FILED, Published, FOA 1/13/14	MIMO-OFDM transmission device and MIMO-OFDM transmission method	201210014945.X	1/17/12		
X		WiFi-009	WO4EP1	EP	FILED, Published, 1st Exam 11/18/13	MIMO-OFDM transmission device and MIMO-OFDM transmission method	06783007.5	2/15/08		
X		WiFi-009	WO4JP1	JP	GRANTED	MIMO-OFDM transmission device and MIMO-OFDM transmission method	2006-228337	8/24/06	05002215	5/25/12
X		WiFi-009	WO4US1	US	GRANTED	MIMO-OFDM transmission device and MIMO-OFDM transmission method	11/577791	4/23/07	7826555	11/2/10
X		WiFi-009	WO4US2	US	GRANTED	MIMO-OFDM transmission device and MIMO-OFDM transmission method	12/840024	7/20/10	8005165	8/23/11
X		WiFi-009	WO4US3	US	GRANTED	MIMO-OFDM transmission device and MIMO-OFDM transmission method	13/171121	6/28/11	8284866	10/9/12
X		WiFi-009	WO4US4	US	GRANTED	MIMO-OFDM transmission device and MIMO-OFDM transmission method	13/604531	9/5/12	8625718	1/7/14
X		WiFi-009	WO4US5	US	FILED	MIMO-OFDM transmission device and MIMO-OFDM transmission method	14/067737	10/30/13		
X		WiFi-015	WO5DE1	DE	GRANTED	Modulator, demodulator and transmission system for use in OFDM transmission	69940235.2	5/25/99	0961448	1/7/09
X		WiFi-015	WO5GB1	GB	GRANTED	Modulator, demodulator and transmission system for use in OFDM transmission	99109244.6	5/25/99	0961448	1/7/09

Optis Specified Patent	Declared Standard Essential Patent	Specified Patent Reference No.	Internal Reference Number	Country	Status	Title	App No.	App Date	Patent No.	Patent Date
X		WiFi-015	WO5JP1	JP	GRANTED	Modulator, demodulator and transmission system for use in OFDM transmission	H11-142244	5/21/99	04339959	7/10/09
X		WiFi-015	WO4US1	US	GRANTED	Modulator, demodulator and transmission system for use in OFDM transmission	09/317961	5/25/99	6618352	9/9/03
X		WiFi-015	WO5US2	US	GRANTED	Modulator, demodulator and transmission system for use in OFDM transmission	10/614291	7/8/03	6944122	9/13/05
X		WiFi-016	WO6CN1	CN	Granted	OFDM communication apparatus	00104041.3	3/14/00	00104041.3	2/2/05
X		WiFi-016	WO6DE1	DE	Granted	OFDM communication apparatus	60038710.0	3/15/00	1037442	4/30/08
X		WiFi-016	WO6FR1	FR	Granted	OFDM communication apparatus	00105467.5	3/15/00	1037442	4/30/08
X		WiFi-016	WO6GB1	GB	Granted	OFDM communication apparatus	00105467.5	3/15/00	1037442	4/30/08
X		WiFi-016	WO6KR1	KR	Granted	OFDM communication apparatus	2000-0013070	3/15/00	10-383004	4/23/03
X		WiFi-016	WO6SE1	SE	Granted	OFDM communication apparatus	00105467.5	3/15/00	1037442	4/30/08
X		WiFi-016	WO5US1	US	Granted	OFDM communication apparatus	09/520015	3/6/00	6625111	9/23/03
X	X	WiFi-017	WO7CA1	CA	GRANTED	Service in wlan inter-working, address management system, and method	2512959	7/8/05	2512959	3/26/13
X	X	WiFi-017	WO7CN1	CN	GRANTED	Service in wlan inter-working, address management system, and method	200480006956.7	9/14/05	200480006956.7	7/23/08
X	X	WiFi-017	WO7CN2	CN	GRANTED	Service in wlan inter-working, address management system, and method	200810099826.2	5/29/08	200810099826.2	1/2/13
X	X	WiFi-017	WO7EP1	EP	FILED, Published	Service in wlan inter-working, address management system, and method	04702063.1	7/6/05		

Optis Specified Patent	Declared Standard Essential Patent	Specified Patent Reference No.	Internal Reference Number	Country	Status	Title	App No.	App Date	Patent No.	Patent Date
X	X	WiFi-017	WO7EP2	EP	FILED, Published	Service in wlan inter-working, address management system, and method	12170887.9	6/5/12		
X	X	WiFi-017	WO7IN1	IN	FILED, Pending examination	Service in wlan inter-working, address management system, and method	3234/DELNP/2005	7/21/05		
X	X	WiFi-017	WO7JP1	JP	GRANTED	Service in wlan inter-working, address management system, and method	2003-006175	1/14/03	04270888	3/6/09
X	X	WiFi-017	WO7JP2	JP	GRANTED	Service in wlan inter-working, address management system, and method	2008-312519	12/8/08	04802238	8/12/11
X	X	WiFi-017	WO7KR1	KR	GRANTED	Service in wlan inter-working, address management system, and method	2005-7012955	7/13/05	10-0999761	12/2/10
X	X	WiFi-017	WO7KR2	KR	GRANTED	Service in wlan inter-working, address management system, and method	2009-7008313	4/23/09	10-0967749	6/25/10
X	X	WiFi-017	WO7SG1	SG	GRANTED	Service in wlan inter-working, address management system, and method	200504814-5	7/6/05	114084	7/31/06
X	X	WiFi-017	WO7US1	US	GRANTED	Service in wlan inter-working, address management system, and method	10/541447	4/7/06	7610038	10/27/09
X	X	WiFi-017	WO7US2	US	GRANTED	Service in wlan inter-working, address management system, and method	12/559468	9/14/09	8081971	12/20/11
X	X	WiFi-017	WO7US3	US	GRANTED	Service in wlan inter-working, address management system, and method	13/292874	11/9/11	8374580	2/12/13
X	X	WiFi-017	WO7US4	US	FILED, Published, Status Check 7/9/14	Service in wlan inter-working, address management system, and method	13/737366	1/9/13		

PATENT

RECORDED: 04/02/2020

REEL: 052292 FRAME: 0167