PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4903645

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SONY CORPORATION	01/26/2018

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: 137

Property Type	Number
Application Number:	09479281
Application Number:	11286440
Application Number:	12259063
Application Number:	12259045
Application Number:	12258939
Application Number:	12258799
Application Number:	12258984
Application Number:	12259018
Application Number:	09059776
Application Number:	09872509
Application Number:	11359928
Application Number:	11824803
Application Number:	12817320
Application Number:	11359957
Application Number:	13442923
Application Number:	13899054
Application Number:	14533172
Application Number:	09146734
Application Number:	11416477
Application Number:	12621543

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Property Type	Number
Application Number:	12621544
Application Number:	13653174
Application Number:	14543598
Application Number:	09898389
Application Number:	13084302
Application Number:	13850017
Application Number:	14591433
Application Number:	15171176
Application Number:	15420150
Application Number:	15819161
Application Number:	11338644
Application Number:	11338645
Application Number:	11608685
Application Number:	12250295
Application Number:	12250306
Application Number:	12251177
Application Number:	12769958
Application Number:	13084293
Application Number:	09283187
Application Number:	09490827
Application Number:	11497862
Application Number:	13370406
Application Number:	13728776
Application Number:	14450339
Application Number:	09556693
Application Number:	09594434
Application Number:	09782693
Application Number:	10004750
Application Number:	11004256
Application Number:	13160699
Application Number:	14032403
Application Number:	14032442
Application Number:	14150997
Application Number:	15210741
Application Number:	10821884
Application Number:	12621756
Application Number:	12621779
Application Number:	12621822

Property Type	Number
Application Number:	13410961
Application Number:	14136927
Application Number:	14833875
Application Number:	09185022
Application Number:	09294378
Application Number:	09377748
Application Number:	09330328
Application Number:	10037137
Application Number:	09807187
Application Number:	11115996
Application Number:	11811858
Application Number:	12412564
Application Number:	13212389
Application Number:	14144816
Application Number:	09650714
Application Number:	09656153
Application Number:	09656152
Application Number:	11085490
Application Number:	11085497
Application Number:	11085344
Application Number:	09510652
Application Number:	11498080
Application Number:	11429210
Application Number:	14552082
Application Number:	14817862
Application Number:	15332001
Application Number:	09545759
Application Number:	10414666
Application Number:	10515290
Application Number:	10612927
Application Number:	12116779
Application Number:	10500647
Application Number:	10514567
Application Number:	10946074
Application Number:	11066482
Application Number:	12610058
Application Number:	13333582
Application Number:	14507258

Property Type	Number
Application Number:	11150229
Application Number:	11342664
Application Number:	10403947
Application Number:	11361587
Application Number:	09212905
Application Number:	09288979
Application Number:	09718028
Application Number:	09676152
Application Number:	10129200
Application Number:	10129203
Application Number:	11892135
Application Number:	10036623
Application Number:	10175368
Application Number:	10414671
Application Number:	10368612
Application Number:	10434301
Application Number:	10225332
Application Number:	11045236
Application Number:	10876482
Application Number:	10834762
Application Number:	10544067
Application Number:	10545313
Application Number:	10917213
Application Number:	10396909
Application Number:	10738803
Application Number:	11035897
Application Number:	11149596
Application Number:	11132655
Application Number:	11000192
Application Number:	11000238
Application Number:	11252014
Application Number:	11304579
Application Number:	11087317
Application Number:	11088310
Application Number:	11333299
Application Number:	11385755
Application Number:	11387851
Application Number:	11119465

Property Type	Number		
Application Number:	11094385		
Application Number:	11231488		
Application Number:	12361481		

CORRESPONDENCE DATA

Fax Number: (972)312-9217

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: 214-744-5000

Email: kcoffman@marconigroup.com

Correspondent Name: MARCONI GROUP

Address Line 1: 7160 DALLAS PARKWAY, STE. 250

Address Line 4: PLANO, TEXAS 75024

ATTORNEY DOCKET NUMBER:	SONY - WIFI ONE LLC
NAME OF SUBMITTER:	KARA COFFMAN
SIGNATURE:	/Kara Coffman/
DATE SIGNED:	04/06/2018

Total Attachments: 8

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SHORT FORM PATENT ASSIGNMENT AGREEMENT

This PATENT ASSIGNMENT AGREEMENT (this "<u>Agreement</u>") dated as of January 26, 2018 (the "<u>Effective Date</u>") is between:

- (i) Sony Corporation, a Japanese corporation ("Assignor"); and
- (ii) Wi-Fi One, LLC, a Delaware limited liability company ("Assignee").

WITNESSETH:

WHEREAS, Assignor, Assignee, and Wi-Fi One Technologies International Limited, entered into a certain Patent Assignment and Grant-Back License Agreement, dated as of January 26, 2018 (the "<u>Patent Assignment Agreement</u>");

WHEREAS, under the Patent Assignment Agreement, Assignor agreed to assign its rights in the Assigned Patents (as defined below) to Assignee; and

WHEREAS, Assignor now wishes to assign all right, title, and interest in and to the Assigned Patents to Assignee as provided for in the Patent 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:

1. Assignment. Pursuant and subject to the terms and conditions of the Patent Assignment Agreement, Assignor hereby transfers, assigns, and conveys to Assignee all 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 Patent Assignment Agreement) and all FRAND/RAND commitments applicable to the Assigned Patents. Pursuant to the foregoing assignment, each of the Assigned Patents will 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 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 of the Assigned Patents, 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 Assignor in all matters related to the Assigned Patents.

- 2. <u>Authorization</u>. Assignor also hereby expressly authorizes the 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 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. <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 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; <u>provided</u>, <u>however</u>, that nothing herein will obligate Assignor to incur any cost or pay any expense in connection therewith.
- 4. <u>Governing Law</u>. This Agreement will be governed by and construed and interpreted in accordance with the Laws of the State of Delaware irrespective of the choice of law principles of the State of Delaware, as to all matters, including matters of validity, construction, effect, enforceability, performance and remedies and in respect of the statute of limitations or any other limitations period applicable to any claim, controversy or dispute.
- 5. General Provisions. This Agreement may be executed in any number of counterparts, each of which will be deemed to be an original, and all of which together will constitute one and the same instrument. Delivery of an executed counterpart of a signature page to this Agreement by facsimile or electronic mail will 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 term or provision of this Agreement will not waive any of its rights under such term or provision. In the event of a conflict between the terms of this Agreement and the terms of the Patent Assignment Agreement, the terms and conditions of the Patent Assignment Agreement will govern.

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Signature Page to Follow

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:

Sony Cor	poration	
By:	ombnori Oki nior Genera rellectual Proj	own in waki al Manager perty Division
Assignee:		
Wi-Fi On	e, LLC	
Ву:		
Name:		
Title:		•

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:
Sony Corporation
By:
Name: Title:
Assignee:
Wi-Fi One. LLC

By: Name: James Robmany
Title: President

Invention Ref	Country	Application Number	Filed Date	Patent No.	Grant Date
WS100	United States of America	09/479281	2000-01-06	6654339	2003-11-25
	United States of America	11/286440	2005-11-23	RE40568	2008-11-11
WS100	United States of America	12/259063	2008-10-27	RE41432	2010-07-13
WS100	United States of America	12/259045	2008-10-27	RE41606	2010-08-31
WS100	United States of America	12/258939	2008-10-27	RE41486	2010-08-10
WS100	United States of America	12/258799	2008-10-27	RE41470	2010-08-03
W\$100	United States of America	12/258984	2008-10-27	RE41641	2010-09-07
WS100	United States of America	12/259018	2008-10-27	RE41431	2010-07-13
WS101	United States of America	09/059776	1998-04-14	6256391	2001-07-03
WS101	United States of America	09/872509	2001-06-01	7298842	2007-11-20
WS101	United States of America	11/359928	2006-02-22	7242769	2007-07-10
WS101	United States of America	11/824803	2007-07-03	7860248	2010-12-28
WS101	United States of America	12/817320	2010-06-17	8170206	2012-05-01
WS101	United States of America	11/359957	2006-02-22	7233665	2007-06-19
WS101	United States of America	13/442923	2012-04-10	8594325	2013-11-26
	United States of America	13/899054	2013-05-21	8923511	2014-12-30
WS101	United States of America	14/533172	2014-11-05	9467287	2016-10-11
WS102	United States of America	09/146734	1998-09-03	6731594	2004-05-04
WS102	United States of America	11/416477	2009-11-19	RE43305	2012-10-02
WS102	United States of America	12/621543	2009-11-19	RE43829	2012-11-27
WS102	United States of America	12/621544	2006-05-03	RE43703	2012-04-10
WS102	United States of America	13/653174	2012-10-16	RE45293	2014-12-16
W\$102	United States of America	14/543598	2014-11-17	\L43293	2014-12-10
WS103	United States of America	09/898389	2001-07-03	7221645	2007-05-22
WS103	United States of America	13/084302	2011-04-11	8582417	2013-11-12
WS103	United States of America	13/850017	2013-03-25	8953632	2015-02-10
W\$103	United States of America	14/591433	2015-01-07	9369323	2016-06-14
WS103	United States of America	15/171176	2016-06-02	9596113	2017-03-14
WS103	United States of America	15/420150		9843467	2017-12-12
WS103	United States of America	15/819161	2017-11-21	00.10.101	2011 12 12
WS103	United States of America	11/338644	2006-01-25	7646700	2010-01-12
WS103	United States of America	11/338645	2006-01-25	7660228	2010-02-09
WS103	United States of America	11/608685	2006-12-08	7664009	2010-02-16
WS103	United States of America	12/250295	2008-10-13	7885175	2011-02-08
WS103	United States of America	12/250306	2008-10-13	7746759	2010-06-29
WS103	United States of America	12/251177	2008-10-14	7948863	2011-05-24
WS103	United States of America	12/769958		8532133	2013-09-10
WS103	United States of America	13/084293	2011-04-11	8483039	2013-07-09
WS104	United States of America	09/283187	1999-04-01	6628640	2003-09-30
WS105	United States of America	09/490827	2000-01-25	6788653	2003-09-30
WS105	United States of America	11/497862	2006-01-23	RE43271	2012-03-27
WS105	United States of America	13/370406	2012-02-10	RE43962	2013-02-05

Invention Ref	Country	Application Number	Filed Date	Patent No.	Grant Date
WS105	United States of America	13/728776	2012-12-27	RE45120	2014-09-09
WS105	United States of America	14/450339	2014-08-04		
WS106	United States of America	09/556693	2000-04-21	7145955	2006-12-05
WS107	United States of America	09/594434	2000-06-14	6738443	2004-05-18
WS108	United States of America	09/782693	2001-02-13	7027428	2006-04-11
WS109	United States of America	10/004750	2001-12-03	6941151	2005-09-06
WS109	United States of America	11/004256	2004-12-03	7983140	2011-07-19
WS109	United States of America	13/160699	2011-06-15	8971939	2015-03-03
WS109	United States of America	14/032403	2013-09-20	9413452	2016-08-09
WS109	United States of America	14/032442	2013-09-20	8842645	2014-09-23
WS109	United States of America	14/150997	2014-01-09	9374156	2016-06-21
WS109	United States of America	15/210741	2016-07-14		
WS110	United States of America	10/821884	2004-04-12	7701920	2010-04-20
WS110	United States of America	12/621756	2009-11-19	8072961	2011-12-06
WS110	United States of America	12/621779	2009-11-19	8116296	2012-02-14
WS110	United States of America	12/621822	2009-11-19	8149815	2012-04-03
WS110	United States of America	13/410961	2012-03-02	8654754	2014-02-18
WS110	United States of America	14/136927	2013-12-20	9161372	2015-10-13
WS110	United States of America	14/833875	2015-08-24	9635688	2017-04-25
WS113	United States of America	09/185022	1998-11-03	6160821	2000-12-12
WS114	United States of America	09/294378	1999-04-20	6501742	2002-12-31
WS115	United States of America	09/377748	1999-08-20	6414986	2002-07-02
WS116	United States of America	09/330328	1999-06-11	6549581	2003-04-15
WS116	United States of America	10/037137	2002-01-04	6631168	2003-10-07
WS117	United States of America	09/807187	2000-08-10	6982992	2006-01-03
WS117	United States of America	11/115996	2005-04-27	7280563	2007-10-09
WS117	United States of America	11/811858	2007-06-11	7539217	2009-05-26
WS117	United States of America	12/412564	2009-03-27	8009700	2011-08-30
WS117	United States of America	13/212389	2011-08-18	8644345	2014-02-04
WS117	United States of America	14/144816	2013-12-31		
WS118	United States of America	09/650714	2000-08-30	6714801	2004-03-30
WS119	United States of America	09/656153	2000-09-06	6888789	2005-05-03
WS119	United States of America	09/656152	2000-09-06	6882618	2005-04-19
WS119	United States of America	11/085490	2005-03-21	6977884	2005-12-20
WS119	United States of America	11/085497	2005-03-21	6992973	2006-01-31
WS119	United States of America	11/085344	2005-03-21	7489622	2009-02-10
WS120	United States of America	09/510652	2000-02-22	7154975	2006-12-26
WS120	United States of America	11/498080	2006-08-03	7424079	2008-09-09
WS120	United States of America	11/429210	2006-05-08	8861622	2014-10-14
WS120	United States of America	14/552082	2014-11-24	9438289	2016-09-06
WS120	United States of America	14/817862	2015-08-04	9450627	2016-09-20
WS120	United States of America	15/332001	2016-10-24		

Invention Ref	Country	Application Number	Filed Date	Patent No.	Grant Date
WS121	United States of America	09/545759	2000-04-10	6674817	2004-01-06
WS123	United States of America	10/414666	2003-04-16	7242942	2007-07-10
WS124	United States of America	10/515290	2003-05-19	7583666	2009-09-01
WS125	United States of America	10/612927	2003-07-07	7480274	2009-01-20
WS125	United States of America	12/116779	2008-05-07	8218501	2012-07-10
WS127	United States of America	10/500647	2003-12-09	7965632	2011-06-21
WS128	United States of America	10/514567	2004-05-11	7639661	2009-12-29
WS129	United States of America	10/946074	2004-09-22	7680461	2010-03-16
WS130	United States of America	11/066482	2005-02-28	7664130	2010-02-16
WS130	United States of America	12/610058	2009-10-30	8111671	2012-02-07
W\$130	United States of America	13/333582	2011-12-21	8873517	2014-10-28
WS130	United States of America	14/507258	2014-10-06	9462536	2016-10-04
WS131	United States of America	11/150229	2005-06-13	7561525	2009-07-14
WS132	United States of America	11/342664	2006-01-31	7502365	2009-03-10
WS133	United States of America	10/403947	2003-03-31	6873937	2005-03-29
WS133	United States of America	11/361587	2006-02-24	7907919	2011-03-15
W\$134	United States of America	09/212905	1998-12-16	6237013	2001-05-22
WS135	United States of America	09/288979	1999-04-09	6683864	2004-01-27
WS136	United States of America	09/718028	2000-11-20	6771976	2004-08-03
WS137	United States of America	09/676152	2000-09-29	7130361	2006-10-31
WS138	United States of America	10/129200	2002-09-16	7076725	2006-07-11
WS139	United States of America	10/129203	2002-08-27	7327669	2008-02-05
WS139	United States of America	11/892135	2007-08-20	7505398	2009-03-17
WS140	United States of America	10/036623	2001-11-07	7139338	2006-11-21
W\$141	United States of America	10/175368	2002-06-18	7177376	2007-02-13
WS142	United States of America	10/414671	2003-04-16	7468961	2008-12-23
W\$143	United States of America	10/368612	2003-02-20	7782750	2010-08-24
WS144	United States of America	10/434301	2003-05-07	7418026	2008-08-26
W\$145	United States of America	10/225332	2002-08-20	7260714	2007-08-21
WS145	United States of America	11/045236	2005-01-28	7703134	2010-04-20
WS146	United States of America	10/876482	2004-06-28	7697464	2010-04-13
WS147	United States of America	10/834762	2004-04-29	7545832	2009-06-09
WS148	United States of America	10/544067	2004-12-15	7327319	2008-02-05
WS148	United States of America	10/545313	2006-04-13	7511668	2009-03-31
WS149	United States of America	10/917213	2004-08-12	7388921	2008-06-17
WS150	United States of America	10/396909	2003-03-25	7263386	2007-08-28
WS151	United States of America	10/738803	2003-12-17	7231559	2007-06-12
WS152	United States of America	11/035897	2005-01-14	7519345	2009-04-14
WS153	United States of America	11/149596	2005-06-10	7890068	2011-02-15
WS154	United States of America	11/132655	2005-05-19	7474881	2009-01-06
WS155	United States of America	11/000192	2004-12-01	7620114	2009-11-17
WS156	United States of America	11/000238	2004-12-01	7627045	2009-12-01

Sony - Wi-Fi US Asset List

Invention Ref	Country	Application Number	Filed Date	Patent No.	Grant Date
WS157	United States of America	11/252014	2005-10-17	7567826	2009-07-28
WS158	United States of America	11/304579	2005-12-16	7746948	2010-06-29
WS159	United States of America	11/087317	2005-03-23	7388922	2008-06-17
WS160	United States of America	11/088310	2005-03-24	7440506	2008-10-21
WS161	United States of America	11/333299	2006-01-18	7688910	2010-03-30
WS162	United States of America	11/385755	2006-03-22	7680203	2010-03-16
WS163	United States of America	11/387851	2006-03-24	7515655	2009-04-07
WS163	United States of America	11/119465	2005-05-02	8000421	2011-08-16
WS164	United States of America	11/094385	2005-03-29	7565113	2009-07-21
WS165	United States of America	11/231488	2005-09-20	7624290	2009-11-24
WS166	United States of America	12/361481	2009-01-28	7800523	2010-09-21

PATENT
RECORDED: 04/06/2018 REEL: 045853 FRAME: 0059