

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3698014

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Execution Date
WI-FI ONE, LLC	12/30/2015

**RECEIVING PARTY DATA**

<b>Name:</b>	HIGHBRIDGE PRINCIPAL STRATEGIES, LLC
<b>Street Address:</b>	40 WEST 57TH STREET, FLOOR 32
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10019

**PROPERTY NUMBERS Total: 135**

Property Type	Number
Patent Number:	5790516
Patent Number:	5771468
Patent Number:	5987019
Patent Number:	6466568
Patent Number:	6173352
Patent Number:	6201811
Patent Number:	6061705
Patent Number:	6424625
Patent Number:	6463307
Patent Number:	6609012
Patent Number:	6310866
Patent Number:	6519223
Patent Number:	6330435
Patent Number:	6813260
Patent Number:	6772215
Patent Number:	6842487
Patent Number:	7570952
Patent Number:	8681757
Patent Number:	6252908
Patent Number:	6131033

PATENT

<b>Property Type</b>	<b>Number</b>
Patent Number:	6370380
Patent Number:	6778501
Patent Number:	6981060
Patent Number:	7302628
Patent Number:	6907005
Patent Number:	6876965
Patent Number:	7831206
Patent Number:	7440755
Patent Number:	8447321
Patent Number:	8528065
Patent Number:	7848737
Patent Number:	7171223
Patent Number:	7660559
Patent Number:	8315572
Patent Number:	7693105
Patent Number:	8009562
Patent Number:	7164667
Patent Number:	8483066
Patent Number:	8520578
Patent Number:	7162234
Patent Number:	8340064
Patent Number:	8687532
Patent Number:	8687531
Patent Number:	7433343
Patent Number:	7433361
Patent Number:	6850489
Patent Number:	6791996
Patent Number:	7457306
Patent Number:	6946950
Patent Number:	7023933
Patent Number:	7738590
Patent Number:	7953177
Patent Number:	8218680
Patent Number:	7085233
Patent Number:	7903606
Patent Number:	8588159
Patent Number:	7720172
Patent Number:	7460485

<b>Property Type</b>	<b>Number</b>
Patent Number:	7206606
Patent Number:	8285332
Patent Number:	7324481
Patent Number:	7917102
Patent Number:	8260228
Patent Number:	8463213
Patent Number:	8712351
Patent Number:	7535820
Patent Number:	7251503
Patent Number:	7505536
Patent Number:	7496334
Patent Number:	8064897
Patent Number:	7706452
Patent Number:	7545870
Patent Number:	7898936
Patent Number:	7817610
Patent Number:	8320356
Patent Number:	7782821
Patent Number:	7978661
Patent Number:	7881400
Patent Number:	7852958
Patent Number:	7886078
Patent Number:	7839807
Patent Number:	7876842
Patent Number:	7898312
Application Number:	08580887
Application Number:	08863334
Application Number:	09627070
Application Number:	10827445
Application Number:	11955443
Application Number:	12206427
Application Number:	13613407
Application Number:	14287661
Application Number:	09789623
Application Number:	10275432
Application Number:	10486895
Application Number:	12698917
Application Number:	13409034

<b>Property Type</b>	<b>Number</b>
Application Number:	14019346
Application Number:	14256797
Application Number:	10494754
Application Number:	10562555
Application Number:	13176459
Application Number:	13590779
Application Number:	13961528
Application Number:	11012498
Application Number:	10585943
Application Number:	10585315
Application Number:	10584928
Application Number:	11993962
Application Number:	11658498
Application Number:	11817917
Application Number:	11817643
Application Number:	12281758
Application Number:	12529299
Application Number:	10256202
Application Number:	11054960
Application Number:	12764512
Application Number:	13916324
Application Number:	13427783
Application Number:	09292398
Application Number:	10486896
Application Number:	13153731
Application Number:	13839910
Application Number:	11577791
Application Number:	12840024
Application Number:	13171121
Application Number:	13604531
Application Number:	14067737
Application Number:	09317961
Application Number:	10614291
Application Number:	09520015
Application Number:	10541447
Application Number:	12559468
Application Number:	13292874
Application Number:	13737366

Property Type	Number
Application Number:	13486244

**CORRESPONDENCE DATA**

**Fax Number:**

*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.*

**Email:** NTABAH@MILBANK.COM

**Correspondent Name:** MILBANK. TWEED, HADLEY & MCCLOY LLP

**Address Line 1:** 28 LIBERTY STREET

**Address Line 2:** ATTN: NANGAH TABAH

**Address Line 4:** NEW YORK, NEW YORK 10005

**ATTORNEY DOCKET NUMBER:** 34408.01700

**NAME OF SUBMITTER:** NANGAH TABAH

**SIGNATURE:** /Nangah Tabah # 71,824/

**DATE SIGNED:** 01/15/2016

**Total Attachments: 7**

source=Wi-Fi One A&R SA#page1.tif

source=Wi-Fi One A&R SA#page2.tif

source=Wi-Fi One A&R SA#page3.tif

source=Wi-Fi One A&R SA#page4.tif

source=Wi-Fi One A&R SA#page5.tif

source=Wi-Fi One A&R SA#page6.tif

source=Wi-Fi One A&R SA#page7.tif

AMENDED AND RESTATED  
SHORT-FORM PATENTS SECURITY AGREEMENT

WHEREAS Wi-Fi One, LLC, a Delaware limited liability company (the “Grantor”) has applied for letters patent and has been granted letters patents in the United States Patent and Trademark Office, and is the owner of the patent applications and patents listed in the attached Schedule of Patents and Patent Applications associated therewith;

WHEREAS, the Grantor, contemporaneously with the execution of the Short-Form Patents Security Agreement (the “Existing Patent Security Agreement”), which is amended and restated hereby, entered into the Pledge and Security Agreement dated as of June 20, 2014 (as modified from time to time, the “Security Agreement”), in which the Grantor has granted certain interests in favor of Highbridge Principal Strategies, LLC, as collateral agent (the “Collateral Agent”) for the benefit of the Secured Creditors (as defined therein);

WHEREAS, pursuant to the Security Agreement, the Grantor has agreed with the Collateral Agent and the Secured Creditors to execute this Amended and Restated Short-Form Patents Security Agreement by adding the Ericsson Additional Patents and the Panasonic Additional Patents on the attached Schedule of Patents and Patent Applications in accordance with the Letter Agreement, dated as of December 30, 2015 among the Grantor, PanOptis Holdings, LLC, PanOptis Equity Holdings, LLC, Optis Wi-Fi Holdings, LLC, Optis Wireless Technology, LLC, Telefonaktiebolaget L M Ericsson (Publ), Cluster LLC, Panasonic Corporation, the Collateral Agent and the lenders party thereto;

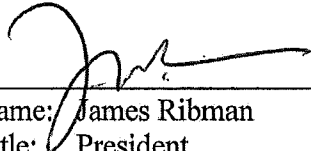
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, this Agreement hereto hereby amends and restates the Existing Patent Security Agreement in its entirety as follows: the Grantor hereby grants to the Collateral Agent for the benefit of the Secured Creditors, to the extent provided in the Security Agreement (the terms and conditions of which are hereby incorporated herein), a security interest in all of its right, title and interest in, to and under all the patents and patent applications whether now owned or at any time hereafter acquired, of the Grantor issued by, or for which applications have been filed with, the United States Patent and Trademark Office, including the patents and applications on the attached Schedule of Patents and Patent Applications, and all related patents and applications thereto, including all reissuances, continuations, continuations-in-part, revisions, extensions, re-examinations thereof, any patents and patent applications claiming priority to said patents and patent applications or from which said patents and patent applications claim priority, and pending applications associated therewith, as collateral security for the prompt and complete payment and performance when due of all the Secured Obligations (as defined in the Security Agreement). Notwithstanding the foregoing, in the event of any conflict between this Short-Form Patents Security Agreement and the Security Agreement, the Security Agreement shall control.

Dated: December 30, 2015

[Signature Page to Follow]

Short-Form Patent Security Agreement

Wi-Fi One, LLC

By:   
Name: James Ribman  
Title: President

Short-Form Patent Security Agreement

#4851-0137-9621v2

**PATENT**  
**REEL: 037534 FRAME: 0075**

SCHEDULE OF  
PATENTS AND PATENT APPLICATIONS

**PATENTS AND TRADEMARKS**

**Ericsson Patents**

Internal Ref. No.	Family Ref.	Country	Status	App No.	App Date	Patent No.	Patent Date
P06532 US1	P06532 FAM	US	GRANTED	08/502633	1995-07-14	5790516	1998-08-04
P06928 US1	P06928 FAM	US	GRANTED	08/587493	1996-01-17	5771468	1998-06-23
P07417 US1	P07417 FAM	US	GRANTED	08/725643	1996-10-15	5987019	1999-11-16
P07417 US2	P07417 FAM	US	GRANTED	09/399771	1999-09-21	6466568	2002-10-15
P08385 US1	P08385 FAM	US	GRANTED	08/915966	1997-08-21	6173352	2001-01-09
P08918 US1	P08918 FAM	US	GRANTED	09/046652	1998-03-24	6201811	2001-03-13
P08923 US1	P08923 FAM	US	GRANTED	09/010130	1998-01-21	6061705	2000-05-09
P09280 US1	P09280 FAM	US	GRANTED	09/179952	1998-10-28	6424625	2002-07-23
P09684 US1	P09684 FAM	US	GRANTED	09/134738	1998-08-14	6463307	2002-10-08
P10785 US2	P10785 FAM	US	GRANTED	09/348048	1999-07-06	6609012	2003-08-19
P10897 US1	P10897 FAM	US	GRANTED	09/169141	1998-10-09	6310866	2001-10-30
P11324 US1	P11324 FAM	US	GRANTED	09/287392	1999-04-06	6519223	2003-02-11
P11520 US1	P11520 FAM	US	GRANTED	09/271319	1999-03-18	6330435	2001-12-11
P11611 US1	P11611 FAM	US	GRANTED	09/526851	2000-03-16	6813260	2004-11-02
P11898 US2	P11898 FAM	US	GRANTED	09/537146	2000-03-29	6772215	2004-08-03
P13491 US1	P13491 FAM	US	GRANTED	09/667504	2000-09-22	6842487	2005-01-11
P14109 US1	P14109 FAM	US	GRANTED	09/948702	2001-09-10	7570952	2009-08-04
		US	GRANTED			8681757	

**Panasonic Patents**

Specified Patent Ref.No.	Internal Ref. No.	Country	Status	App No.	App Date	Patent No.	Patent Date
	GP012866	US	GRANTED	08/580887	1995/12/29	5774450	1998/06/30
	GP014838	US	GRANTED	08/863334	1997/05/27	6052377	2000/04/18
	GP022544	US	GRANTED	09/627070	2000/07/27	6993092	2006/01/31
	GP022544	US	GRANTED	10/827445	2004/04/20	7359457	2008/04/15
	GP022544	US	GRANTED	11/955443	2007/12/13	7545882	2009/06/09
	GP022544	US	GRANTED	12/206427	2008/09/08	8295399	2012/10/23
	GP022544	US	FILED	13/613407	2012/09/13		
	GP022544	US	FILED	14/287661	2014/05/27		
	GP024681	US	GRANTED	09/789623	2001/02/22	6985538	2006/01/10

Short-Form Patent Security Agreement

#4851-0137-9621v2

**PATENT**  
**REEL: 037534 FRAME: 0076**



Specified Patent Ref.No.	Internal Ref. No.	Country	Status	App No.	App Date	Patent No.	Patent Date
	GP027819	US	GRANTED	10/275432	2002/11/06	7257126	2007/08/14
	GP028962	US	GRANTED	10/486895	2004/02/17	7688901	2010/03/30
	GP028962	US	GRANTED	12/698917	2010/02/02	8155224	2012/04/10
	GP028962	US	GRANTED	13/409034	2012/02/29	8594242	2013/11/26
	GP028962	US	FILED	14/019346	2013/09/05		
	GP028962	US	FILED	14/256797	2014/4/18		
	GP030935	US	GRANTED	10/494754	2004/05/05	7471729	2008/12/30
	GP035339	US	GRANTED	10/562555	2005/12/28	8000405	2011/08/16
	GP035339	US	GRANTED	13/176459	2011/07/05	8295391	2012/10/23
	GP035339	US	GRANTED	13/590779	2012/08/21	8520769	2013/08/27
	GP035339	US	FILED	13/961528	2013/08/07		
	GP036025	US	GRANTED	11/012498	2004/12/15	7609687	2009/10/27
	GP037074	US	GRANTED	10/585943	2007/05/30	7916702	2011/03/29
	GP037075	US	GRANTED	10/585315	2007/07/03	7916712	2011/03/29
	GP037076	US	GRANTED	10/584928	2006/07/05	8064427	2011/11/22
	GP039319	US	GRANTED	11/993962	2008/02/15	8031674	2011/10/04
	GP039513	US	GRANTED	11/658498	2007/04/25	7957344	2011/06/07
	GP041085	US	GRANTED	11/817917	2008/01/30	7895339	2011/02/22
	GP041758	US	GRANTED	11/817643	2007/08/31	8050217	2011/11/01
	GP042635	US	GRANTED	12/281758	2008/09/04	8175057	2012/05/08
	GP046161	US	GRANTED	12/529299	2009/10/26	8094565	2012/01/10

### Optis Wireless Patents

Specified Patent Reference No.	Internal Reference Number	Country	Status	App No.	App Date	Patent No.	Patent Date
WiFi-001	WO1US1	US	GRANTED	10/256202	9/27/02	7233630	6/19/07
WiFi-001	WO1US2	US	GRANTED	11/054960	2/11/05	7289577	10/30/07
WiFi-001	WO1US3	US	GRANTED	12/764512	3/21/10	RE43338	3/22/08
WiFi-001	WO1US4	US	Allowed, Issue Fee Due 6/14/14	13/916324	6/12/13		
WiFi-001	WO1US5	US	Abandoned 9/7/13	13/427783			
WiFi-002	WO2US1	US	GRANTED	09/292398	3/15/99	6608843	8/19/03
WiFi-004	WO3US1	US	GRANTED	10/486896	2/17/04	7974371	7/5/11

### Short-Form Patent Security Agreement

#4851-0137-9621v2

**PATENT**  
**REEL: 037534 FRAME: 0077**

Specified Patent Reference No.	Internal Reference Number	Country	Status	App No.	App Date	Patent No.	Patent Date
WiFi-004	WO3US2	US	GRANTED	13/153731	6/6/11	8428182	4/23/13
WiFi-004	WO3US3	US	FILED, Published, NFR 3/26/14	13/839910	11/13/01		
WiFi-009	WO4US1	US	GRANTED	11/577791	4/23/07	7826555	11/2/10
WiFi-009	WO4US2	US	GRANTED	12/840024	7/20/10	8005165	8/23/11
WiFi-009	WO4US3	US	GRANTED	13/171121	6/28/11	8284866	10/9/12
WiFi-009	WO4US4	US	GRANTED	13/604531	9/5/12	8625718	1/7/14
WiFi-009	WO4US5	US	FILED	14/067737	10/30/13		
WiFi-015	WO4US1	US	GRANTED	09/317961	5/25/99	6618352	9/9/03
WiFi-015	WO5US2	US	GRANTED	10/614291	7/8/03	6944122	9/13/05
WiFi-016	WO5US1	US	Granted	09/520015	3/6/00	6625111	9/23/03
WiFi-017	WO7US1	US	GRANTED	10/541447	4/7/06	7610038	10/27/09

Short-Form Patent Security Agreement

#4851-0137-9621v2

**PATENT**  
**REEL: 037534 FRAME: 0078**

Specified Patent Reference No.	Internal Reference Number	Country	Status	App No.	App Date	Patent No.	Patent Date
WiFi-017	WO7US2	US	GRANTED	12/559468	9/14/09	8081971	12/20/11
WiFi-017	WO7US3	US	GRANTED	13/292874	11/9/11	8374580	2/12/13
WiFi-017	WO7US4	US	FILED, Published, Status Check 7/9/14	13/737366	1/9/13		

Ericsson Additional Patents

Ref.No.	Country	Status	App.No.	App Date	Patent No.	Patent Date
P07706 FAM	US	GRANTED	09/355483	1998-01-30	6252908	2001-06-26
P09069 FAM	US	GRANTED	09/074203	1998-05-07	6131033	2000-10-10
P11517 FAM	US	GRANTED	09/251396	1999-02-17	6370380	2002-04-09
P11957 FAM	US	GRANTED	09/543156	2000-04-04	6778501	2004-08-17
P13590 FAM	US	GRANTED	09/735495	2000-12-14	6981060	2005-12-27
P13590 FAM	US	GRANTED	10/911297	2004-08-04	7302628	2007-11-27
P13763 FAM	US	GRANTED	09/621672	2000-07-24	6907005	2005-06-14
P13879 FAM	US	GRANTED	09/796383	2001-02-28	6876965	2005-04-05
P13879 FAM	US	GRANTED	09/796383	2001-02-28	6876965	2005-04-05
P17232 FAM	US	GRANTED	10/528776	2002-10-30	7831206	2010-11-09
P17994 FAM	US	GRANTED	10/462981	2003-06-17	7440755	2008-10-21
P17994 FAM	US	GRANTED	12/211259	2008-09-16	8447321	2013-05-21
P18230 FAM	US	GRANTED	12/491563	2009-06-25	8528065	2013-09-03
P19477 FAM	US	GRANTED	11/718872	2004-11-09	7848737	2010-12-07
P19477 FAM	US	GRANTED	11/718872	2004-11-09	7848737	2010-12-07
P37274 FAM	US	GRANTED	10/340148	2003-01-10	7171223	2007-01-30
P37274 FAM	US	GRANTED	11/636560	2006-12-11	7660559	2010-02-09
P37274 FAM	US	GRANTED	12/644624	2009-12-22	8315572	2012-11-20
P37296 FAM	US	GRANTED	11/592994	2006-11-06	7693105	2010-04-06
P37296 FAM	US	GRANTED	12/708768	2010-02-19	8009562	2011-08-30
P37296 FAM	US	GRANTED	10/183730	2002-06-28	7164667	2007-01-16
P37296 FAM	US	GRANTED	12/964931	2010-12-10	8483066	2013-07-09
P37296 FAM	US	GRANTED	13/242242	2011-09-23	8520578	2013-08-27
P37322 FAM	US	GRANTED	10/760616	2004-01-20	7162234	2007-01-09
P37322 FAM	US	GRANTED	12/964113	2010-12-09	8340064	2012-12-25
P37322 FAM	US	GRANTED	13/328497	2011-12-16	8687532	2014-04-01
P37322 FAM	US	GRANTED	12/964194	2010-12-09	8687531	2014-04-01
P37322 FAM	US	GRANTED	10/760866	2004-01-20	7433343	2008-10-07
P37322 FAM	US	GRANTED	10/760610	2004-01-20	7433361	2008-10-07

Short-Form Patent Security Agreement

#4851-0137-9621v2

**PATENT**  
**REEL: 037534 FRAME: 0079**

**Panasonic Additional Patents**

Ref No.	Country	Status	App No.	App Date	Patent No.	Patent Date
GP022159	US	Granted	09/559391	2000/04/26	6850489	2005/02/01
GP022496	US	Granted	09/665674	2000/09/20	6791996	2004/09/14
GP022496	US	Granted	10/902823	2004/08/02	7457306	2008/11/25
GP022547	US	Granted	09/615045	2000/07/12	6946950	2005/09/20
GP025099	US	Granted	09/978662	2001/10/18	7023933	2006/04/04
GP025099	US	Granted	11/336956	2006/01/23	7738590	2010/06/15
GP025099	US	Granted	12/757509	2010/04/09	7953177	2011/05/31
GP025099	US	Granted	13/093301	2011/04/25	8218680	2012/07/10
GP025099	US	Filed	13/486244	2012/06/01		
GP026651	US	Granted	09/972962	2001/10/10	7085233	2006/08/01
GP030837	US	Granted	10/481451	2003/12/19	7903606	2011/03/08
GP030837	US	Granted	13/016856	2011/01/28	8588159	2013/11/19
GP031484	US	Granted	10/520028	2004/12/28	7720172	2010/05/18
GP032033	US	Granted	10/654901	2003/09/05	7460485	2008/12/02
GP032206	US	Granted	10/516936	2004/12/14	7206606	2007/04/17
GP032206	US	Granted	11/613245	2006/12/20	8285332	2012/10/09
GP035407	US	Granted	10/566682	2006/03/14	7324481	2008/01/29
GP035407	US	Granted	11/937422	2007/11/08	7917102	2011/03/29
GP035407	US	Granted	13/023380	2011/02/08	8260228	2012/09/04
GP035407	US	Granted	13/564465	2012/08/01	8463213	2013/06/11
GP035407	US	Granted	13/889614	2013/05/08	8712351	2014/04/29
GP035896	US	Granted	10/954614	2004/10/01	7535820	2009/05/19
GP035902	US	Granted	10/533207	2005/04/28	7251503	2007/07/31
GP036485	US	Granted	11/012088	2004/12/15	7505536	2009/03/17
GP037005	US	Granted	10/598434	2006/08/30	7496334	2009/02/24
GP037010	US	Granted	10/586970	2006/07/25	8064897	2011/11/22
GP038134	US	Granted	10/599378	2006/09/27	7706452	2010/04/27
GP038215	US	Granted	10/582765	2006/06/28	7545870	2009/06/09
GP039118	US	Granted	12/063355	2008/08/07	7898936	2011/03/01
GP040122	US	Granted	11/719485	2007/05/16	7817610	2010/10/19
GP040802	US	Granted	11/912636	2008/01/25	8320356	2012/11/27
GP041270	US	Granted	11/909404	2007/09/21	7782821	2010/08/24
GP041270	US	Granted	12/839238	2010/07/19	7978661	2011/07/12
GP042384	US	Granted	11/914281	2007/11/13	7881400	2011/02/01
GP042467	US	Granted	11/915992	2007/11/29	7852958	2010/12/14
GP045188	US	Granted	12/293859	2008/09/22	7886078	2011/02/08
GP045353	US	Granted	12/294393	2008/09/24	7839807	2010/11/23
GP046210	US	Granted	11/783377	2007/04/09	7876842	2011/01/25
GP047133	US	Granted	12/376024	2009/02/02	7898312	2011/03/01

Short-Form Patent Security Agreement

#4851-0137-9621v2

**PATENT**

**RECORDED: 01/15/2016**

**REEL: 037534 FRAME: 0080**