

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2600237

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
POWERWAVE TECHNOLOGIES	05/22/2013
RECEIVING PARTY DATA	
Name:	P-WAVE HOLDINGS, LLC
Street Address:	10877 WILSHIRE BOULEVARD
Internal Address:	18TH FLOOR
City:	LOS ANGELES
State/Country:	CALIFORNIA
Postal Code:	90024
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12438724
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	PWH-PWW/219
NAME OF SUBMITTER:	CHRIS A. CASEIRO
Signature:	/Chris A. Caseiro/
Date:	11/01/2013

OP \$40.00 12438724

Total Attachments: 5

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ASSIGNMENT OF PATENTS

This Assignment of Patents (this "Assignment") is made as of May 22, 2013, by and between POWERWAVE TECHNOLOGIES, INC., a Delaware corporation ("Assignor"), and P-WAVE HOLDINGS, LLC, a Delaware limited liability company ("Assignee"). Capitalized terms used herein but not otherwise defined herein shall have the meanings ascribed to them in that certain Asset Purchase Agreement, dated as of May 13, 2013, by and among Seller and Purchaser (the "Asset Purchase Agreement").

WHEREAS, the Assignor is the owner of all right, title and interest in and to the Patents including those listed on the attached Schedule A, and one or more inventions described in the Patent applications listed on the attached Schedule A (collectively, the "Patents and Patent Applications");

WHEREAS, Assignor and Assignee have entered into that certain Asset Purchase Agreement, dated as of May 13, 2013, (the "Asset Purchase Agreement"); and

WHEREAS, pursuant to the Asset Purchase Agreement, Assignor has agreed to sell, transfer, assign and convey to Assignee, and Assignee has agreed to purchase and acquire from Assignor, the Patents and Patent Applications.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which hereby are acknowledged:

1. Assignor hereby sells, assigns and transfers to Assignee its entire right, title and interest in and to the Patent and Patent Applications, including but not limited to worldwide patent rights, any and all registrations and applications relating thereto, and any renewals, reissues, extensions, continuations and divisionals thereof, and in and to all income, royalties, damages, claims and payments now or hereafter due or payable with respect thereto, the underlying inventions claimed therein, and all priority rights, convention rights and other benefits accruing or to accrue with respect to the filing of applications for patents or the issuance of patents in all countries in respect of the Patent and Patent Applications, and in and to all causes of action, either in law or in equity for past, present or future infringement, and in and to all rights corresponding to the foregoing throughout the world.

2. Assignor agrees to execute all documents and assist in all proceedings (at the sole cost and expense of Assignee) to perfect, register or record the rights of the Assignee to the Patent and Patent Applications as Assignee may reasonably deem necessary or appropriate. If Assignor does not, within fifteen (15) days of presentment, return the requested executed documents, then Assignee is hereby granted a limited power of attorney to execute all such documents on behalf of Assignor. This power of attorney is coupled with an interest and is irrevocable.

3. Assignor hereby authorizes and requests the Director of the United States Patent and Trademark Office, and the corresponding entities or agencies in any applicable countries outside the United States, to record this Assignment and issue such letters patent as shall be

granted upon the Patent and Patent Applications, or applications based thereon, to Assignee, its successors and assigns.

4. This Assignment shall be governed by, construed and enforced in accordance with the laws of the State of New York without regard to any applicable conflicts of law rules or principles.

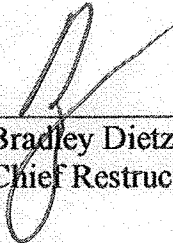
6. This Assignment may be executed (including by facsimile or other electronic transmission (e.g., portable data format)) with counterpart signature pages or in multiple counterparts, all of which shall be considered one and the same agreement.

[SIGNATURES APPEAR ON FOLLOWING PAGE]

IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be executed by its duly authorized representatives on the day and year first above written.

ASSIGNOR:

POWERWAVE TECHNOLOGIES, INC.

By: 

Name: Bradley Dietz

Title: Chief Restructuring Officer

ASSIGNEE:

P-WAVE HOLDINGS, LLC

By: _____

Name: _____

Title: _____

IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be executed by its duly authorized representatives on the day and year first above written.

ASSIGNOR:

POWERWAVE TECHNOLOGIES, INC.

By: _____

Name: Bradley Dietz

Title: Chief Restructuring Officer

ASSIGNEE:

P-WAVE HOLDINGS, LLC

By: Craig Brooks

Name: Craig Brooks

Title: Vice President

Patent #	Application #	Status	Pub. # (US/INT)	Country / Region	Issue Date	Filing Date	Publication Date	Title of the Patent
7288987	11/371,595	Granted	2006-0238245	United States of America	10/30/2007	3/10/2006	10/26/2006	RF amplifier employing active load linearization
7193462	11/371,023	Granted	2006-0217083	United States of America	9/20/2007	3/16/2006	9/28/2006	RF Power Amplifier System Employing An Analog Predistortion Module Using Zero Crossings
7756499	11/392,170	Granted	2006-0222104	United States of America	7/20/2007	5/29/2006	7/26/2006	System and Method for Using the Pilot Frequency from a Positive Feedback Pilot Generation and Detection Circuit to Improve Slew
7888988	11/407,530	Granted	2006-0232332	United States of America	10/30/2007	4/11/2006	10/19/2006	Adaptive Predistortion Linearized Amplifier System Employing Selective Sampling
7644486	11/407,592	Granted	2006-0234545	United States of America	9/12/2007	7/13/2006	11/19/2006	Planned inner conductor coaxial resonators
7769103	11/520,216	Granted	2007-0069372	United States of America	9/12/2007	9/13/2006	3/22/2007	Amplifier System Employing Analog Polynomial Predistortion with Sub-Nyquist Digital Predistortion
7848874	11/521,038	Granted	2007-0069343	United States of America	9/12/2007	9/13/2006	3/22/2007	OFDM Communications Systems Employing Crest Factor Reduction with ISI Control
7742555	11/641,281	Granted	2007-0140367	United States of America	12/12/2007	12/13/2006	6/21/2007	Crest Factor Reduction (CFR) for OFDM Using Selective Sub-Carrier Upgradation
7743666	11/658,692	Published	2009-0030952	United States of America	12/12/2007	12/13/2006	6/21/2007	OFDM Communications Systems Employing Crest Factor Reduction with ISI Control
7743666	11/658,692	Published	2009-0030952	United States of America	12/12/2007	12/13/2006	6/21/2007	OFDM Communications Systems Employing Crest Factor Reduction with ISI Control
7864130	11/713,351	Granted	2007-0205462	United States of America	1/4/2008	3/15/2007	8/13/2007	REFLECTION OF AN ANTENNA USING A REFLECTOR AND A MANUFACTURING METHOD FOR A REFLECTOR
7693939	11/713,351	Granted	2007-0205462	United States of America	1/4/2008	3/15/2007	8/13/2007	REFLECTION OF AN ANTENNA USING A REFLECTOR AND A MANUFACTURING METHOD FOR A REFLECTOR
7715785	11/725,647	Granted	2007-0219385	United States of America	3/29/2008	9/19/2007	9/16/2007	Broadband Linear Vertical Polarized Base Station Antenna
7898489	11/785,181	Granted	2007-0249283	United States of America	12/18/2009	3/19/2007	9/16/2007	Broadband Dual Polarized Base Station Antenna
7592976	11/802,263	Granted	2007-0249283	United States of America	12/18/2009	3/19/2007	9/16/2007	Broadband Dual Polarized Base Station Antenna
8150309	11/920,885	Granted	2009-0278761	United States of America	8/9/2011	6/19/2007	10/25/2007	System and Method for Estimation and Compensation of Radiated Feedback Coupling in a High Gain Repetitor
7808443	11/940,098	Granted	2008-0113617	United States of America	4/3/2012	11/14/2006	11/12/2009	Phase Shifter
JP 3598375	11/982,080	Granted	2009-0135078	United States of America	10/5/2007	7/21/2006	5/28/2009	Stability recovery for an on-frequency RF repeater with adaptive echo cancellation
7710344	12/074,473	Granted	2008-0218425	United States of America	5/18/2007	3/23/1999	2/27/2010	INTERLEAVED MULTIPLE BAND ANTENNA
7990329	12/074,580	Granted	2009-0215498	United States of America	8/2/2008	3/4/2008	9/11/2008	Antenna device with improved channel isolation
8390668	12/080,483	Granted	2008-0246681	United States of America	12/11/2012	4/3/2008	10/9/2008	Single Pole Vertically Polarized Variable Azimuth Beam Width Antenna for Wireless Network
8289224	12/085,334	Granted	2010-0033399	United States of America	10/16/2012	11/16/2006	2/11/2010	Dual staggered vertically polarized variable azimuth beam width antenna for wireless network
7830327	12/152,728	Granted	2008-0284661	United States of America	11/9/2008	5/20/2008	11/29/2008	Dual Stagger Offset-able Azimuth Beam Width Controlled Antenna for Wireless Network
7990325	12/152,728	Granted	2008-0284661	United States of America	11/9/2008	5/20/2008	11/29/2008	Dual Stagger Offset-able Azimuth Beam Width Controlled Antenna for Wireless Network
8073877	12/154,179	Granted	2008-0293360	United States of America	12/6/2011	5/20/2008	11/27/2008	Novel Design of a Low Cost Antenna for Wireless Communications
	12/157,646	Published	2008-0309568	United States of America	6/11/2008	2/20/2009	2/20/2009	Remote Antenna Positioning Data Acquisition
	12/175,435	Published	2009-0021437	United States of America	9/12/2008	7/17/2008	3/29/2009	ON FREQUENCY REPEATER WITH AGC STABILITY DETERMINATION
8130164	12/212,593	Granted	2009-0079655	United States of America	3/6/2012	9/17/2008	3/29/2009	Triple Stagger Offset-able Azimuth Beam Width Controlled Antenna for Wireless Network
7599745	12/221,634	Granted	2009-0046017	United States of America	8/16/2011	8/25/2008	4/18/2009	Center panel movable 3-Column Array Antenna for Wireless Network
8237619	12/252,254	Granted	2009-0056022	United States of America	8/16/2011	8/25/2008	4/18/2009	Broadband coplanar antenna element
	12/265,517	Pending	2009-0056022	United States of America	8/16/2011	8/25/2008	4/18/2009	Broadband coplanar antenna element
8199064	12/287,551	Published	2008-0074109	United States of America	5/13/2012	10/10/2008	4/16/2009	Variable Stagger Reflector for Azimuth Beam Width Control
8085211	12/321,401	Granted	2009-0135074	United States of America	12/27/2011	11/25/2008	5/28/2009	On Frequency Repeater with Adaptive Echo Cancellation
	12/322,438	Published	2009-0135076	United States of America	12/27/2011	11/25/2008	5/28/2009	On Frequency Repeater with Adaptive Echo Cancellation
8165100	12/340,383	Granted	2009-0180426	United States of America	4/24/2012	12/19/2008	7/16/2009	Linear Array with Azimuth Beam Augmentation by Axial Rotation
	12/340,401	Granted	2009-0180426	United States of America	4/24/2012	12/19/2008	7/16/2009	Linear Array with Azimuth Beam Augmentation by Axial Rotation
	12/350,938	Published	2009-0189821	United States of America	7/30/2009	1/26/2009	7/30/2009	Digital Distributed Antenna Systems
	12/361,307	Published	2009-0195467	United States of America	1/28/2009	8/6/2009	8/6/2009	Tri-Column Adjustable Azimuth Beam Width Antenna for Wireless Network
8116254	12/363,591	Granted	2009-0196215	United States of America	2/14/2012	1/30/2009	8/6/2009	Compound two-way antenna with installation compensator
7986280	12/365,767	Granted	2009-0195471	United States of America	7/26/2011	2/4/2009	6/8/2009	Wireless Repeater with Smart Uplink
8120536	12/422,165	Granted	2009-0255773	United States of America	2/21/2012	4/10/2009	10/19/2009	Multi Element Broadband Omni-Directional Antenna Array
	12/438,724	Published	2009-0290169	United States of America	12/7/2007	8/27/2007	11/19/2009	Improved Antenna Isolation
8073385	12/468,710	Granted	2009-0291632	United States of America	12/6/2011	5/19/2009	11/29/2009	Active Lighting Protection
8334810	12/490,212	Granted	2009-0322542	United States of America	12/18/2012	6/23/2009	12/31/2009	Adaptive Echo Cancellation for an On-Frequency RF Repeater with Digital Sub-band Filtering
	12/572,209	Published	2010-0099139	United States of America	10/14/2009	3/2/2010	9/9/2010	Resonant Gap Loaded High Gain Patch Antenna
	12/572,211	Published	2010-0099139	United States of America	10/14/2009	3/2/2010	9/9/2010	Resonant Gap Loaded High Gain Patch Antenna
8228136	12/660,619	Granted	2010-0225415	United States of America	7/24/2012	10/14/2009	9/9/2010	Crest Factor Reduction (CFR) for Downlink LTE by Transmitting Phase Shifted Resource Blocks
	12/754,453	Published	2010-0283707	United States of America	4/5/2010	3/2/2010	9/9/2010	Low Power Multi-Beam Active Array for Cellular Communications
	12/759,577	Published	2010-0311293	United States of America	9/7/2010	3/2/2010	9/9/2010	Micro P-Coupler
	12/782,779	Published	2010-0311897	United States of America	9/7/2010	3/2/2010	9/9/2010	Quasi-Polarized Dual-Band Broad-Bandwidth Directive Patch Antenna
	13/042,556	Published	2011-0216505	United States of America	3/14/2011	10/6/2011	10/6/2011	Quasi-Polarized Dual-Band Broad-Bandwidth Directive Patch Antenna
	13/042,556	Published	2011-0216505	United States of America	3/14/2011	10/6/2011	10/6/2011	Quasi-Polarized Dual-Band Broad-Bandwidth Directive Patch Antenna
	13/075,558	Published	2011-0244853	United States of America	4/1/2011	10/6/2011	10/6/2011	System and Method for performance enhancement in heterogeneous wireless access network
	13/075,558	Published	2011-0244853	United States of America	4/1/2011	10/6/2011	10/6/2011	System and Method for performance enhancement in heterogeneous wireless access network
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