

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3085381

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the LIST OF PATENTS ASSIGNED TO EXCLUDE US PATENT NO. 6617817 previously recorded on Reel 033470 Frame 0871. Assignor(s) hereby confirms the ASSIGNMENT OF RIGHTS TO THE NAMED ASSIGNEE FOR ALL OF THE OTHER ITEMS SUBMITTED HEREWITH.

**CONVEYING PARTY DATA**

Name	Execution Date
POWERWAVE FINLAND OY	05/07/2013

**RECEIVING PARTY DATA**

<b>Name:</b>	POWERWAVE TECHNOLOGIES, INC.
<b>Street Address:</b>	1801 EAST SAINT ANDREW PLACE
<b>City:</b>	SANTA ANA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92705

**PROPERTY NUMBERS Total: 26**

Property Type	Number
Application Number:	13478018
Application Number:	13293831
Application Number:	13293817
Application Number:	13163530
Application Number:	12594259
Patent Number:	8150353
Patent Number:	7821354
Patent Number:	8149074
Patent Number:	8188934
Patent Number:	7567146
Patent Number:	8130874
Patent Number:	7864111
Patent Number:	8125296
Patent Number:	7236069
Patent Number:	7482897
Patent Number:	7466970
Patent Number:	7526263
Patent Number:	7180391

**PATENT**

Property Type	Number
Patent Number:	6927646
Patent Number:	6710684
Patent Number:	6570472
Patent Number:	6366184
Patent Number:	6329889
Patent Number:	6566984
Patent Number:	5304968
Patent Number:	5047739

**CORRESPONDENCE DATA**

**Fax Number:** (207)219-8426

*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:** 2072198418

**Email:** jburke@caseiroburke.com

**Correspondent Name:** JOHN M. BURKE

**Address Line 1:** CASEIRO BURKE LLC

**Address Line 2:** P.O. BOX

**Address Line 4:** SCARBOROUGH, MAINE 04070

**ATTORNEY DOCKET NUMBER:** PFOY\_PTI\_CORRASSIGN

**NAME OF SUBMITTER:** JOHN M. BURKE

**SIGNATURE:** /John M. Burke/

**DATE SIGNED:** 10/29/2014

**Total Attachments: 11**

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<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the LIST OF PATENTS ASSIGNED previously recorded on Reel 031871 Frame 0293. Assignor(s) hereby confirms the ASSIGNMENT OF RIGHTS NAMED ASSIGNEE.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
POWERWAVE FINLAND OY	05/07/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	POWERWAVE TECHNOLOGIES, INC.
<b>Street Address:</b>	1801 E. ST. ANDREW PLACE
<b>City:</b>	SANTA ANA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92705
<b>PROPERTY NUMBERS Total: 27</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13478018
Application Number:	13293831
Application Number:	13293817
Application Number:	13163530
Application Number:	12594259
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Patent Number:	7821354
Patent Number:	8149074
Patent Number:	8188934
Patent Number:	7567146
Patent Number:	8130874
Patent Number:	7864111
Patent Number:	8125296

**PATENT**

Patent Number:	7236069
Patent Number:	7482897
Patent Number:	7466970
Patent Number:	7526263
Patent Number:	7180391
Patent Number:	6927646
Patent Number:	6617817
Patent Number:	6710684
Patent Number:	6570472
Patent Number:	6366184
Patent Number:	6329889
Patent Number:	6566984
Patent Number:	5304968
Patent Number:	5047739

## CORRESPONDENCE DATA

Fax Number: (207)219-8426  
 Phone: 207-219-8418  
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*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.*  
 Correspondent Name: JOHN M. BURKE  
 Address Line 1: CASEIRO BURKE LLC  
 Address Line 2: P.O. BOX 610  
 Address Line 4: SCARBOROUGH, MAINE 04070

ATTORNEY DOCKET NUMBER: PFOY\_PTL\_CORRASSIGN

NAME OF SUBMITTER: JOHN M. BURKE

Signature: /John M. Burke/

Date: 08/04/2014

## Total Attachments: 10

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PATENT

REEL 034087 FRAME 0167



## PATENT ASSIGNMENT

This Patent Assignment (this "Assignment") is made as of May 7, 2013, between POWERWAVE FINLAND OY, with an address of c/o Talenom, Nuottassaarentie 5, 90400 Oulu ("Assignor"), and POWERWAVE TECHNOLOGIES, INC., a Delaware corporation with an address of 1801 E. St. Andrew Place, Santa Ana, California 92705 ("Assignee").

WHEREAS, Assignor was formerly named Powerwave Oy, and is a successor by way of merger to Powerwave Comtek Oy, which was formerly named Filtronic Comtek Oy, Filtronic LK Oy and LK Products Oy;

WHEREAS, Assignor entered into that certain Technology License Agreement with Assignee effective as of November 3, 2008, pursuant to which Assignor exclusively licensed to Assignee all of its Intellectual Property and Marketing Intangibles (as defined therein) to Assignee;

WHEREAS, Assignor entered into that certain Research and Development Services Agreement effective as of November 8, 2008 ("R&D Agreement") pursuant to which Assignor assigned to Assignee all of its right, title and interest in and to any invention, discovery, process, method, design, know how or any applications, copyrights or patents thereof with respect to any work performed by Assignor for Assignee under the R&D Agreement;

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

WHEREAS, Assignor is desirous of assigning, and Assignee is desirous of obtaining, all right, title and interest in and to the Patent 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 successors, assigns and legal representatives, 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. To the extent that Assignor learns after the execution of the Assignment that it is the owner of other patents or patent applications, it will promptly execute such documents as requested by Assignee to transfer title to Assignee. If Assignor does not, within 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 issue such letters patent as shall be granted upon the Patent and Patent Applications, or applications based thereon, to Assignee, its successors, assigns and legal representatives.

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

5. 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.

6. This Assignment shall not be amended or otherwise modified except by a written agreement dated subsequent to the date of this Assignment and signed on behalf of Assignor and Assignee by their respective duly authorized representatives.

7. Should any part of this Assignment for any reason be declared invalid by a court of competent jurisdiction, such decision or determination shall not affect the validity of any remaining portion, and such remaining portion shall remain in force and effect as if this Agreement had been executed with the invalid portion eliminated; provided, that in the event of a declaration of invalidity the provision, declared invalid shall not invalidate in its entirety, but shall be observed and performed by the parties to the extent such provision is valid and enforceable.

[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 FINLAND OY

By: Perttu Turo  
Name: Perttu Turo  
Title: Director

ASSIGNEE:

POWERWAVE TECHNOLOGIES, INC.

By: Bradley Metz  
Name: BRADLEY METZ  
Title: CEO

Schedule A - Patents



Schedule B - Patent Applications



Page #	Publication Number (USPTO)	Patent Number	Country name	State	Title of the patent
1	11111111	11111111	United States of America	CA	Method and apparatus for...
2	11111112	11111112	United States of America	CA	System and method for...
3	11111113	11111113	United States of America	CA	Apparatus and method for...
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