

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>KOSTYANTYN SEMONOV</td> <td>05/20/2009</td> </tr> <tr> <td>ALEXANDER RABINOVICH</td> <td>03/20/2009</td> </tr> <tr> <td>BILL VASSILAKIS</td> <td>04/27/2009</td> </tr> </tbody> </table>		Name	Execution Date	KOSTYANTYN SEMONOV	05/20/2009	ALEXANDER RABINOVICH	03/20/2009	BILL VASSILAKIS	04/27/2009		
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BILL VASSILAKIS	04/27/2009										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>POWERWAVE TECHNOLOGIES, INC.</td> </tr> <tr> <td>Street Address:</td> <td>1801 E. ST. ANDREW PLACE</td> </tr> <tr> <td>City:</td> <td>SANTA ANA</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92705</td> </tr> </table>		Name:	POWERWAVE TECHNOLOGIES, INC.	Street Address:	1801 E. ST. ANDREW PLACE	City:	SANTA ANA	State/Country:	CALIFORNIA	Postal Code:	92705
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (949)756-0915          Phone: 949-756-0900          Email: processing@ocplg.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: OC PATENT LAW GROUP          Address Line 1: P.O. BOX 3529          Address Line 4: NEWPORT BEACH, CALIFORNIA 92659</p>											
ATTORNEY DOCKET NUMBER:	PWV1.PAU.190.CON										
NAME OF SUBMITTER:	Karen Meier										
<p>Total Attachments: 2          source=PWV1-PAU-190_Assignment-signed#page1.tif          source=PWV1-PAU-190_Assignment-signed#page2.tif</p>											

CH \$40.00 13470064

<b>Assignment of Rights, Title and Interest in Invention</b> <b>(Multiple inventors; single assignee)</b>	Docket No. <b>PWV1.PAU.190</b>
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*This is an Assignment of the following rights, title and interest: (check all that apply):*

☒ *United States of America rights, title and interest in the invention*  
☒ *Foreign rights, title and interest in the invention*  
☒ *United States Patent Application Serial No.* PENDING  
*Date of Execution:* \_\_\_\_\_ *Date of Filing:* Herewith  
☒ *United States Provisional Patent Application Serial No.* 60/998,662  
☐ *United States Patent No(s).* \_\_\_\_\_  
☐ *International (PCT) Patent Application Serial No.* \_\_\_\_\_  
☐ *Other (specify)* \_\_\_\_\_

**Title of the Invention**

OMNI DIRECTIONAL BROADBAND COPLANAR ANTENNA ELEMENT

**Inventors (assignors)**

Name	Address
Kostyantyn SEMONOV	2205 Anacapa, Irvine, California 92602
Alexander RABINOVICH	6443 Anguilla Avenue, Cypress, California 90630
Bill VASSILAKIS	6876 E. Horizon Drive, Orange, California 92867

**Assignee**

Name	Address
POWERWAVE TECHNOLOGIES, INC.	1801 E. St. Andrew Place Santa Ana, California 92705

**Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)**

Docket No.  
PWV1.PAU.190.0

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

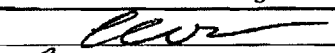
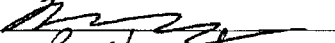
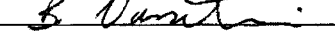
Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
Kostyantyn SEMONOV	 2009-05-20
Alexander RABINOVICH	 2009-03-20
Bill VASSILAKIS	 2009-04-27