

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Gang Yi Deng</td><td>06/06/2008</td></tr><tr><td>Alexander Rabinovich</td><td>06/06/2008</td></tr><tr><td>Nando Hunt</td><td>06/06/2008</td></tr><tr><td>John J. Dickson</td><td>06/06/2008</td></tr><tr><td>John Stewart Wilson</td><td>06/06/2008</td></tr></tbody></table>	Name	Execution Date	Gang Yi Deng	06/06/2008	Alexander Rabinovich	06/06/2008	Nando Hunt	06/06/2008	John J. Dickson	06/06/2008	John Stewart Wilson	06/06/2008	
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Nando Hunt	06/06/2008												
John J. Dickson	06/06/2008												
John Stewart Wilson	06/06/2008												
RECEIVING PARTY DATA													
Name:	Powerwave Technologies, Inc.												
Street Address:	1801 E. St. Andrew Place												
City:	Santa Ana												
State/Country:	CALIFORNIA												
Postal Code:	92705												
PROPERTY NUMBERS Total: 2													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12157646</td></tr><tr><td>Application Number:</td><td>60934371</td></tr></tbody></table>	Property Type	Number	Application Number:	12157646	Application Number:	60934371							
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CORRESPONDENCE DATA													
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ATTORNEY DOCKET NUMBER:	PWV1.PAU.183												
NAME OF SUBMITTER:	Adriane Giberson												

PATENT

500744857

REEL: 022050 FRAME: 0412

CH \$80.00 12157646

Total Attachments: 2
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Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)	Docket No. PWV1.PAU.183
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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. _____*
Date of Execution: _____ Date of Filing: _____
☒ *United States Provisional Patent Application Serial No. 60/934,371, filed June 13, 2007*
☐ *United States Patent No(s). _____*
☐ *International (PCT) Patent Application Serial No. _____*
☐ *Other (specify) _____*

Title of the Invention

TRIPLE STAGGER OFFSETABLE AZIMUTH BEAM WIDTH CONTROLLED ANTENNA FOR WIRELESS NETWORK

Inventors (assignors)

<i>Name</i>	<i>Address</i>
Gang Yi DENG	15302 Touraine Way, Irvine, CA 92604
Alexander RABINOVICH	266 Hayes Street, Irvine, CA 92620
Nando HUNT	6443 Anguilla Avenue, Cypress, CA 90630
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John Stewart WILSON	6366 San Andres, Cypress, CA 90630
	1106 Huntington Street, Huntington Beach, CA 92648

Assignee

<i>Name</i>	<i>Address</i>
Powerwave Technologies, Inc.	1801 E. St. Andrew Place Santa Ana, California 92705 United States of America

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

Docket No.
PWV1.PAU.183

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;

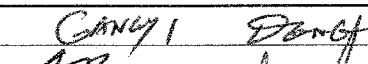
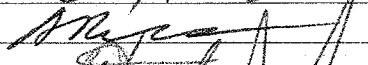


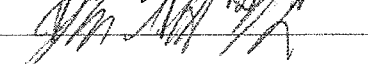
Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

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
Gang Yi DENG	 6/6/08
Alexander RABINOVICH	 2008-06-06
Nando HUNT	 6/6/08
John J. DICKSON	 6/6/08
John Stewart WILSON	 6/6/08