

**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	Trademark Security Agreement		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Powerwave Technologies, Inc.		04/03/2009	CORPORATION: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Wells Fargo Foothill, LLC, as Agent		
<b>Street Address:</b>	2450 Colorado Avenue		
<b>Internal Address:</b>	Suite 3000W		
<b>City:</b>	Santa Monica		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	90404		
<b>Entity Type:</b>	LIMITED LIABILITY COMPANY: DELAWARE		
<b>PROPERTY NUMBERS Total: 14</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
Serial Number:	74284259	ALLGON	
Serial Number:	76304051	IN-HANCER	
Serial Number:	76171963	KAVAL	
Serial Number:	75143289	POWERWAVE	
Serial Number:	75611598	POWERWAVE	
Serial Number:	78617536	POWERWAVE	
Serial Number:	75143533	POWERWAVE TECHNOLOGIES	
Serial Number:	75611599	POWERWAVE TECHNOLOGIES	
Serial Number:	78617540	POWERWAVE TECHNOLOGIES	
Serial Number:	76138204	P	
Serial Number:	78617538	P	
Serial Number:	76261630	TAP-IN	
Serial Number:	76113694	THE POWER IN WIRELESS	

CH \$365.00 74284259

Serial Number:

75508043

THE MOST POWERFUL WAVE IN WIRELESS

**CORRESPONDENCE DATA**

Fax Number: (213)627-0705

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: (213) 683-5627

Email: PalakShah@PaulHastings.com

Correspondent Name: Palak Shah

Address Line 1: 515 S. Flower Street

Address Line 2: 25th Floor

Address Line 4: Los Angeles, CALIFORNIA 90071

ATTORNEY DOCKET NUMBER:

45035.00332

NAME OF SUBMITTER:

Palak Shah

Signature:

/Palak Shah/

Date:

04/06/2009

**Total Attachments: 29**

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## TRADEMARK SECURITY AGREEMENT

This TRADEMARK SECURITY AGREEMENT (this "Trademark Security Agreement") is made this 3rd day of April, 2009, among Grantors listed on the signature pages hereof (collectively, jointly and severally, "Grantors" and each individually "Grantor"), and WELLS FARGO FOOTHILL, LLC, in its capacity as Agent for the Lender Group and the Bank Product Providers (together with its successors, "Agent").

WITNESSETH:

WHEREAS, pursuant to that certain Credit Agreement dated April 3, 2009 (as amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement") among POWERWAVE TECHNOLOGIES, INC., as borrower ( "Borrower"), the lenders party thereto as "Lenders" ("Lenders") and Agent, the Lender Group is willing to make certain financial accommodations available to Borrower pursuant to the terms and conditions thereof; and

WHEREAS, the members of the Lender Group are willing to make the financial accommodations to Borrower as provided for in the Credit Agreement, but only upon the condition, among others, that Grantors shall have executed and delivered to Agent, for the benefit of Lender Group and the Bank Product Providers, that certain Security Agreement dated of even date herewith (including all annexes, exhibits or schedules thereto, as from time to time amended, restated, supplemented or otherwise modified, the "Security Agreement");

WHEREAS, pursuant to the Security Agreement, Grantors are required to execute and deliver to Agent, for the benefit of Lender Group and the Bank Product Providers, this Trademark Security Agreement;

NOW, THEREFORE, in consideration of the premises and mutual covenants herein contained and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor hereby agrees as follows:

1. DEFINED TERMS. All capitalized terms used but not otherwise defined herein have the meanings given to them in the Security Agreement or the Credit Agreement.

2. GRANT OF SECURITY INTEREST IN TRADEMARK COLLATERAL. Each Grantor hereby grants to Agent, for the benefit of the Lender Group and the Bank Product Providers, a continuing first priority security interest in all of such Grantor's right, title and interest in, to and under the following, whether presently existing or hereafter created or acquired (collectively, the "Trademark Collateral");

(a) all of its Trademarks and Trademark Intellectual Property Licenses to which it is a party including those referred to on Schedule I hereto;

(b) all goodwill of the business connected with the use of, and symbolized by, each Trademark and each Trademark Intellectual Property License;

(c) all reissues, continuations or extensions of the foregoing;

(d) all goodwill of the business connected with the use of, and symbolized by, each Trademark; and

(e) all products and proceeds of the foregoing, including any claim by such Grantor against third parties for past, present or future (i) infringement or dilution of any Trademark, (ii) injury to the goodwill associated with any Trademark, or (iii) right to receive license fees, royalties, and other compensation under any Intellectual Property License.

3. SECURITY FOR OBLIGATIONS. This Trademark Security Agreement and the Security Interest created hereby secures the payment and performance of all the Secured Obligations, whether now existing or arising hereafter. Without limiting the generality of the foregoing, this Trademark Security Agreement secures the payment of all amounts which constitute part of the Obligations and would be owed by Grantors, or any of them, to Agent, the Lender Group, the Bank Product Providers or any of them, whether or not they are unenforceable or not allowable due to the existence of an Insolvency Proceeding involving any Grantor.

4. SECURITY AGREEMENT. The security interests granted pursuant to this Trademark Security Agreement are granted in conjunction with the security interests granted to Agent, for the benefit of the Lender Group and the Bank Product Providers, pursuant to the Security Agreement. Each Grantor hereby acknowledges and affirms that the rights and remedies of Agent with respect to the security interest in the Trademark Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

5. AUTHORIZATION TO SUPPLEMENT. If any Grantor shall obtain rights to any new trademarks, the provisions of this Trademark Security Agreement shall automatically apply thereto. Grantors shall give notice in writing to Agent with respect to any such new trademarks or renewal or extension of any trademark registration in accordance with Section 6(g) of the Security Agreement. Without limiting Grantors' obligations under this Section, Grantors hereby authorize Agent unilaterally to modify this Agreement by amending Schedule I to include any such new trademark rights of Grantors. Notwithstanding the foregoing, no failure to so modify this Trademark Security Agreement or amend Schedule I shall in any way affect, invalidate or detract from Agent's continuing security interest in all Collateral, whether or not listed on Schedule I.

6. COUNTERPARTS. This Trademark Security Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original, but all such separate counterparts shall together constitute but one and the same instrument. In proving this Trademark Security Agreement or any other Loan Document in any judicial proceedings, it shall not be necessary to produce or account for more than one such counterpart signed by the party against whom such enforcement is sought. Any signatures delivered by a party by facsimile transmission or by e-mail transmission shall be deemed an original signature hereto.

7. CONSTRUCTION. Unless the context of this Trademark Security Agreement or any other Loan Document clearly requires otherwise, references to the plural include the singular, references to the singular include the plural, the terms "includes" and "including" are not limiting, and the term "or" has, except where otherwise indicated, the inclusive meaning represented by the phrase "and/or." The words "hereof," "herein," "hereby," "hereunder," and similar terms in this Trademark Security Agreement or any other Loan Document refer to this Trademark Security Agreement or such other Loan Document, as the case may be, as a whole and not to any particular provision of this Trademark Security Agreement or such other Loan Document, as the case may be. Section, subsection, clause, schedule, and exhibit references herein are to this Agreement unless otherwise specified. Any reference in this Trademark Security Agreement or in any other Loan Document to any agreement, instrument, or document shall include all alterations, amendments, changes, extensions, modifications, renewals, replacements, substitutions, joinders, and supplements, thereto and thereof, as applicable (subject to any restrictions on such alterations, amendments, changes, extensions, modifications, renewals, replacements, substitutions, joinders, and supplements set forth herein). Any reference herein or in any other Loan Document to the satisfaction or repayment in full of the Obligations shall mean the repayment in full in cash (or cash collateralization in accordance with the terms of the Credit Agreement) of all Obligations other than unasserted contingent indemnification Obligations and other than any Bank Product Obligations that, at such time, are allowed by the applicable Bank Product Providers to remain outstanding and that are not required by the provisions of the Credit Agreement to be repaid or cash collateralized. Any reference herein to any Person shall be construed to include such Person's successors and assigns. Any requirement of a writing contained herein or in any other Loan Document shall be satisfied by

the transmission of a Record and any Record so transmitted shall constitute a representation and warranty as to the accuracy and completeness of the information contained therein.

[signature page follows]

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed and delivered as of the date first above written.

GRANTOR:

POWERWAVE TECHNOLOGIES, INC.,  
a Delaware corporation

By: 

Name: Kevin Michaels

Title: CEO

[SIGNATURE PAGE TO TRADEMARK SECURITY AGREEMENT]

TRADEMARK  
REEL: 003965 FRAME: 0541

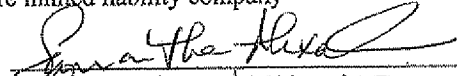
**AGENT:**

**WELLS FARGO FOOTHILL, LLC,**  
a Delaware limited liability company

By:

Name:

Title:

  
Samantha Alexander  
Vice President

[SIGNATURE PAGE TO TRADEMARK SECURITY AGREEMENT]

**TRADEMARK**  
**REEL: 003965 FRAME: 0542**

SCHEDULE I  
to  
TRADEMARK SECURITY AGREEMENT

Trademark Registrations/Applications

See attached.

Trade Names

Common Law Trademarks

NetWay  
NetWay Vision  
Nexus FT  
VersaFlex  
MicroFlex  
Clean Site  
IntelliMast  
iRET  
iSCAN  
iFAN

Trademarks Not Currently In Use

The Power in Wireless

Trademark Licenses

1. Share Sale and Purchase Agreement dated September 7, 2005 between Powerwave Sweden AB and Advantch AMT, Ltd. In clause 4.5 of this agreement, Powerwave Sweden granted to Advantch AMT, Ltd. a license to use the "Allgon" name and logotype.





POWERWAVE TECHNOLOGIES, INC.

Trademarks

U.S. Trademark

Reference No.	MARK	Class/Goods	Application No Application Date	Registration No Registration Date	Renewal Date	Status/Comments
MILCOM.072T	ALLGON	9-Cellular radio base station antennas; multicolor receivers, power monitoring units, and land mobile radio base station antennas.	74/284259 06/11/92	1782480 07/20/93	07/20/13	RENEWED.
MILCOM.051T	IN-HANCER	9,38- Telecommunication products, namely, a bi-directional amplifier which extends cellular signals beyond normal ranges 38- Telecommunication services, namely, services which extend the range of cellular signals into buildings and other structures for cellular telephones, personal digital assistants, and other communication devices.	76/304051 08/24/01	2873139 08/17/04	08/17/14	REGISTERED. Affidavit of Use due 08/17/10.
MILCOM.052T	KAVAL	38-Telecommunications services, namely, services which extend the range of wireless signals for cellular telephones, personal digital assistants, and other wireless devices.	76/171963 11/28/00	2768621 09/30/03	09/30/13	REGISTERED. Affidavit of Use due 09/30/09.
MILCOM.008T	POWERWAVE	9-Radio frequency power amplifiers	75/143289 08/01/96	2131938 01/27/98	01/27/18	RENEWED.
MILCOM.013T	POWERWAVE	9-Racks, combiners, and cabinets for radio frequency power amplifiers for use in wireless communications.	75/611598 12/23/98	2483000 08/28/01	08/28/11	REGISTERED.



Reference No.	MARK	Class/Goods	Application No Application Date	Registration No. Registration Date	Renewal Date	Status/Comments
MILCOM.054T	POWERWAVE	9- Antennas; Tower Mounted Antennas; Antenna Brackets; Tilting modules; Converters; Master Control Units; Power Distribution Units; Current Injectors; Filters for Antenna Systems; Base Stations; Power Amplifiers for wireless communication systems; Base Station Conditioners; Integrated Radios; Digital Radio Heads; Base Station Filters; Microwave Filters; Couplers; Combiners; Diplexers; Triplexers; Boosters; Repeaters; Repeater networks; Wireband Radio Heads; distributed antenna systems; Base Station Sub-systems comprising filters, couplers, and power amplifiers; Cabinets and frames for power amplifiers; Microwave Radio Links; Antenna Line Devices; Wireless IP and voice transmission systems; computer software for use in controlling, operating, managing, or maintaining wireless communications systems or wireless infrastructure equipment; antenna systems; base station systems; wireless coverage systems; wireless data communications devices; wireless infrastructure equipment; wireless communications devices 42- Design, development, production, delivery, installation, support, deployment, operation and maintenance of end-to-end wireless infrastructure systems and wireless communication systems.	78/617536 04/26/05	3386310 02/19/08	02/19/18	REGISTERED. Affidavit of Use due 02/19/14.
MILCOM.009T	POWERWAVE TECHNOLOGIES	9-Radio frequency power amplifiers.	75/143533 08/01/96	2131941 01/27/98	01/27/18	RENEWED.
MILCOM.014T	POWERWAVE TECHNOLOGIES	9-Racks, combiners, and cabinets for radio frequency power amplifiers for use in wireless communications.	75/611599 12/23/98	2483001 08/28/01	08/28/11	REGISTERED.

Reference No.	MARK	Class/Goods	Application No Application Date	Registration No. Registration Date	Renewal Date	Status/Comments
MILCOM.055T	POWERWAVE TECHNOLOGIES	9-Antennas; Tower Mounted Antennas; Antenna Brackets; Tilting modules; Converters; Master Control Units; Power Distribution Units; Current Injectors; Filters for Antenna Systems; Base Stations; Power Amplifiers for wireless communication systems; Base Station Conditioners; Integrated Radios; Digital Radio Heads; Base Station Filters; Microwave Filters; Couplers; Combiners; Diplexers; Triplexers; Boosters; Repeaters; Repeater networks; Wireband Radio Heads; distributed antenna systems; Base Station Sub-systems comprising filters, couplers, and power amplifiers; Cabinets and frames for power amplifiers; Microwave Radio Links; Antenna Line Devices; Wireless IP and voice transmission systems; computer software for use in controlling, operating, managing, or maintaining wireless communications systems or wireless infrastructure equipment; antenna systems; base station systems; wireless coverage systems; wireless data communications devices; wireless infrastructure equipment; wireless communications devices 42-Design, development, production, delivery, installation, support, deployment, operation and maintenance of end-to-end wireless infrastructure systems and wireless communication systems.	78/617540 04/26/05	3392898 03/04/08	03/04/18	REGISTERED. Affidavit of Use due 03/04/14
MILCOM.028T		9-Power amplifiers; racks, combiners and cabinets for power amplifiers.	76/138204 09/29/00	2,595,659 07/16/02	07/16/12	REGISTERED.
MILCOM.056T		9- Antennas; Tower Mounted Antennas; Antenna Brackets; Tilting modules; Converters; Master Control Units; Power Distribution Units; Current Injectors; Filters for Antenna Systems; Base Stations; Power Amplifiers for wireless communication systems; Base Station Conditioners; Integrated Radios; Digital Radio Heads; Base Station Filters; Microwave Filters; Couplers; Combiners; Diplexers; Triplexers; Boosters; Repeaters; Repeater networks; Wireband Radio Heads; distributed antenna systems; Base Station Sub-systems comprising filters, couplers, and power amplifiers; Cabinets and frames for power amplifiers; Microwave Radio Links; Antenna Line Devices; Wireless IP and voice transmission systems; computer software for use in controlling, operating, managing, or maintaining wireless communications systems or wireless infrastructure equipment; antenna systems; base station systems; wireless coverage systems; wireless data communications devices; wireless infrastructure equipment; wireless communications devices.	78/617538 04/26/05	3386311 02/19/08	02/19/08	REGISTERED. Affidavit of Use due 02/19/14.
MILCOM.047T	TAP-IN	9-Telecommunications products, namely, computer hardware and software which extends cellular signals beyond normal ranges.	76/261630 05/23/01	3064008 02/28/06	02/28/16	REGISTERED. Affidavit of Use due 02/28/12



Reference No.	MARK	Class/Goods	Application No Application Date	Registration No. Registration Date	Renewal Date	Status/Comments
MILCOM.026T	THE POWER IN WIRELESS	9- Radio frequency power amplifiers for use in base stations; racks, combiners, and cabinets for power amplifiers;	76/113694 08/21/00	2732674 07/01/03	07/01/13	REGISTERED. Affidavit of Use due 07/01/09
	THE MOST POWERFUL WAVE IN WIRELESS	9- Power amplifiers, racks, combiners and cabinets for power amplifiers.	75508043 06/24/1998	2652130 11/19/1998		REGISTERED


Foreign Trademark


ARGENTINA

Reference No. ARGENTINA	MARK	Class/Goods	App. No. App. Date	Reg. No. Reg. Date	Renewal Date	Status/Comments
MILCOM.011WAR		9 - Radio frequency power amplifiers.	2129572 02/05/98	2028164 5/20/05	5/20/15	REGISTERED
MILCOM.015WAR		9 - Racks, combiners, and cabinets for power amplifiers.	2225934 06/25/99	1823001 03/22/01	03/22/11	REGISTERED.

**BRAZIL**



Reference No. BRAZIL	MARK	Class/Goods	App. No App. Date	Reg. No. Reg. Date	Renewal Date	Status/Comments
MILCOM.056WBR		9 - Antennas; tower mounted antennas; antenna brackets; tilting modules; converters; master control units; power distribution units; current injectors; filters for antenna systems; base stations; power amplifiers for wireless communication systems; base station conditioners; integrated radios; digital radio heads; base station filters; microwave filters; couplers; combiners; diplexers; triplexers; boosters; repeaters; repeater networks; wireband radio heads; distributed antenna systems; base station sub-systems comprising filters, couplers, and power amplifiers; cabinets and frames for power amplifiers; microwave radio links; antenna line devices; wireless IP and voice transmission systems; computer software for use in controlling, operating, managing, or maintaining wireless communications systems or wireless infrastructure equipment; antenna systems base station systems; wireless coverage systems; wireless data communications devices; wireless infrastructure equipment; wireless communications devices. Design, development, production, delivery, installation, support, deployment, operation and maintenance of end-to-end wireless infrastructure systems and wireless communication systems	828798613 10/17/06			PENDING Published 11/14/06
MILCOM.063WBR		42 - Design, development, production, delivery, installation, support, deployment, operation and maintenance of end-to-end wireless infrastructure systems and wireless communication systems	828798605 10/17/06			PENDING Published 11/14/06

Reference No. BRAZIL	MARK	Class/Goods	App. No App. Date	Reg. No Reg. Date	Renewal Date	Status/Comments
MILCOM.067WBR	POWERING THE NEXT WAVE OF GROWTH IN WIRELESS	9- Antennas; Tower Mounted Antennas; Antenna Brackets; Tilting modules; Converters; Master Control Units; Power Distribution Units; Current Injectors; Filters for Antenna Systems; Base Stations; Power Amplifiers for wireless communication systems; Base Station Conditioners; Integrated Radios; Digital Radio Heads; Base Station Filters; Microwave Filters; Couplers; Combiners; Diplexers; Triplexers; Boosters; Repeaters; Repeater networks; Wireband Radio Heads; distributed antenna systems; Base Station Sub-systems comprising filters, couplers, and power amplifiers; Cabinets and frames for power amplifiers; Microwave Radio Links; Antenna Line Devices; Wireless IP and voice transmission systems; computer software for use in controlling, operating, managing, or maintaining wireless communications systems or wireless infrastructure equipment; antenna systems; base station systems; wireless coverage systems; wireless data communications devices; wireless infrastructure equipment; wireless communications devices	828278890 3/29/06			ABANDONED.
MILCOM.079WBR	POWERING THE NEXT WAVE OF GROWTH IN WIRELESS	42 - Design, development, production, delivery, installation, support, deployment, operation and maintenance of end-to-end wireless infrastructure systems and wireless communication systems	828278881 3/29/06			ABANDONED.
MILCOM.008WBR	POWERWAVE	9 - Radio frequency power amplifiers used in the telecommunication field	820543586 02/03/98	820543586 12/28/99	12/28/09	REGISTERED.
MILCOM.013WBR	POWERWAVE	9 - Racks, combiners, and cabinets for power amplifiers.	821744070 06/23/99			PENDING. Registration fee paid 11/26/07.
MILCOM.009WBR	POWERWAVE TECHNOLOGIES	9 - Power amplifiers used in the field of wireless communications.	820401900 11/19/97	820401900 03/13/01	03/13/11	REGISTERED.
MILCOM.014WBR	POWERWAVE TECHNOLOGIES	9 - Racks, combiners, and cabinets for power amplifiers.	821744062 06/23/99			PENDING. Registration fee paid 11/26/07.
MILCOM.011WBR		9 - Radio frequency power amplifiers, used in the telecommunication area.	820543594 02/03/98	820543594 08/15/00	08/15/10	REGISTERED.


Reference No. BRAZIL	MARK	Class/Goods	App. No. App. Date	Reg. No. Reg. Date	Renewal Date	Status/Comments
MILCOM.015WBR		9- Racks, combiners, and cabinets for power amplifiers.	821744089 06/23/99	821744089 01/06/04	01/06/14	REGISTERED.





## CANADA

Reference No. CANADA	MARK	Class/Goods	App. No App. Date	Reg. No. Reg. Date	Renewal Date	Status/Comments
MILCOM.051WCA	IN-HANCER	9, 38 – Telecommunication products namely, a bi-directional amplifier which extends cellular signals beyond normal ranges 38 – Telecommunication services namely, services which extend the range of cellular signals into buildings and other structures for cellular telephones, personal digital assistants and other communication devices.	109473500 03/02/01	TMA600240 01/22/04	01/22/19	REGISTERED.
MILCOM.052WCA	KAVAL	38 – Telecommunication services namely, services which extend the range of wireless signals for cellular telephone, personal digital assistants, and other wireless devices.	108424200 11/27/00	TMA577052 03/05/03	03/05/18	REGISTERED.
MILCOM.053WCA	OFR	9 – Radio frequency repeaters.	622400 01/03/89	TMA364636 01/19/90	01/19/20	REGISTERED.
MILCOM.028WCA		9 – Power amplifiers; racks, combiners, and cabinets for power amplifiers.	1096299 03/16/01	TMA621067 09/29/04	09/29/19	REGISTERED.
MILCOM.056WCA		9- Antennas; Tower Mounted Antennas; Antenna Brackets; Tilting modules; Converters; Master Control Units; Power Distribution Units; Current Injectors, Filters for Antenna Systems; Base Stations; Power Amplifiers for wireless communications systems; Base Station Conditioners; Integrated Radios; Digital Radio Heads; Base Station Filters; Microwave Filters; Couplers; Combiners; Diplexers; Triplexers; Boosters; Repeaters; Repeater networks; Wireband Radio Heads; distributed antenna systems; Base Station Sub-systems comprising filters, couplers and power amplifiers; Cabinets and frames for power amplifiers; Microwave Radio Links; Antenna Line Devices; Wireless IP and voice transmission systems; computer software for use in controlling, operating, managing, or maintaining wireless communications systems or wireless infrastructure equipment; antenna systems; base station systems; wireless coverage systems; wireless data communications devices; wireless infrastructure equipment; wireless communications devices. 42 - Design, development, production, delivery, installation, support, deployment, operation and maintenance of end-to-end wireless infrastructure systems and wireless communication systems.	1264047 07/04/05			PENDING. Published 12/03/08.





Reference No. CANADA	MARK	Class/Goods	App. No. App. Date	Reg. No. Reg. Date	Renewal Date	Status/Comments
MILCOM.067WCA	POWERING THE NEXT WAVE OF GROWTH IN WIRELESS	9- Antennas; Tower Mounted Antennas; Antenna Brackets; Tilting modules; Converters; Master Control Units; Power Distribution Units; Current Injectors; Filters for Antenna Systems; Base Stations; Power Amplifiers for wireless communication systems; Base Station Conditioners; Integrated Radios; Digital Radio Heads; Base Station Filters; Microwave Filters; Couplers; Combiners; Diplexers; Triplexers; Boosters; Repeaters; Repeater networks; Wireband Radio Heads; distributed antenna systems; Base Station Sub-systems comprising filters, couplers, and power amplifiers; Cabinets and frames for power amplifiers; Microwave Radio Links; Antenna Line Devices; Wireless IP and voice transmission systems; computer software for use in controlling, operating, managing, or maintaining wireless communications systems or wireless infrastructure equipment; antenna systems; base station systems; wireless coverage systems; wireless data communications devices; wireless infrastructure equipment; wireless communications devices;  42- Design, development, production, delivery, installation, support, deployment, operation and maintenance of end-to-end wireless infrastructure systems and wireless communication systems	1295516 3/21/06			ABANDONED.
MILCOM.008WCA	POWERWAVE	9 - Radio frequency power amplifiers; radio frequency power amplifiers for use in wireless communications; racks; combiners designed to connect multiple amplifiers together and to combine the input or output of such connected radio frequency power amplifiers for use with wireless communications, and cabinets for such power amplifiers for use with wireless communications.	899588 12/16/98	TMA612416 06/09/04	06/09/19	REGISTERED.

Reference No. CANADA	MARK	Class/Goods	App. No. App. Date	Reg. No. Reg. Date	Renewal Date	Status/Comments
MILCOM.054WCA	POWERWAVE	9,42 – Antennas; Tower mounted antennas; antenna brackets; tilting modules; converters; master control units; power distribution units; current injectors; filters for antenna systems; base stations; power amplifiers for wireless communications systems; base station conditioners; integrated radios; digital radio heads; base station filters; microwave filters; couplers; combiners; diplexers; triplexers; boosters; repeaters; repeater networks; wireband radio heads; distributed antenna systems; base station sub-systems comprising filters; couplers and power amplifiers; cabinets and frames for power amplifiers; microwave radio links; antenna line devices; wireless IP and voice transmission systems; computer software for use in controlling, operating, managing, or maintaining wireless communications systems or wireless infrastructure equipment; antenna systems; base station systems; wireless coverage systems; wireless data communications devices; wireless infrastructure equipment; wireless communications devices. 42- Design, development, production, delivery, installation, support, deployment, operation and maintenance of end-to-end wireless infrastructure systems and wireless communication systems.	1264050 07/04/05			PENDING. Declaration of Use due 04/29/09.
MILCOM.011WCA		9 - Radio frequency power amplifiers for use in wireless communications; racks; combiners designed to connect multiple amplifiers together and to combine the input or output of such connected radio frequency power amplifiers for use with wireless communications and; cabinets for such power amplifiers for use with wireless communications.	899592 12/16/98	TMA607900 04/19/04	04/19/19	REGISTERED.
MILCOM.047WCA	TAP-IN	9 – Telecommunication products namely, bi-directional amplifiers which extend the range of cellular signals beyond normal ranges.	110382700 05/22/01	TMA596605 12/04/03	12/04/18	REGISTERED.
MILCOM.026WCA	THE POWER IN WIRELESS	9 - Radio frequency power amplifiers; racks, combiners, and cabinets for power amplifiers; radio frequency power amplifiers for use in base stations; racks, combiners and cabinets for power amplifiers.	1092202 02/09/01	TMA611711 06/01/04	06/01/19	REGISTERED.

CHILE


Reference No. CHILE	MARK	Class/Goods	App. No App. Date	Reg. No. Reg. Date	Renewal Date	Status/Comments
MILCOM.011WCL		9 – Power amplifiers or radial frequency power.	405804 02/13/98	649968 11/25/02	11/25/12	REGISTERED.
MILCOM.015WCL		9 – Racks, combiners, and cabinets for power amplifiers.	452594 06/23/99	555839 12/15/09	12/15/09	REGISTERED.



## CHINA

Reference No. CHINA	MARK	Class/Goods	App. No. App. Date	Reg. No. Reg. Date	Renewal Date	Status/Comments
MILCOM.028WCN		9 - Power amplifiers; racks, combiners, and cabinets for power amplifiers.	3364951 11/11/02	3364951 01/21/04	01/20/14	REGISTERED.
MILCOM.041WCN		20- Racks and cabinets for power amplifiers.	3555935 05/14/03	3555935 02/14/05	02/13/15	REGISTERED.
MILCOM.056WCN		9 - Antennas; Tower Mounted Antennas; Antenna Brackets; Tilting modules; Converters; Master Control Units; Power Distribution Units; Current Injectors, Filters for Antenna Systems; Base Stations; Power Amplifiers for wireless communications systems; Base Station Conditioners; Integrated Radios; Digital Radio Heads; Base Station Filters; Microwave Filters; Couplers; Combiners; Diplexers; Triplexers; Boosters; Repeaters; Repeater networks; Wireband Radio Heads; distributed antenna systems; Base Station Sub-systems comprising filters, couplers and power amplifiers; Cabinets and frames for power amplifiers; Microwave Radio Links; Antenna Line Devices; Wireless IP and voice transmission systems; computer software for use in controlling, operating, managing, or maintaining wireless communications systems or wireless infrastructure equipment; antenna systems; base station systems; wireless coverage systems; wireless data communications devices; wireless infrastructure equipment; wireless communications devices.	4772155 07/11/05			PENDING. Published 03/06/08.
MILCOM.063WCN		42 - Design, development, production, delivery, installation, support, deployment, operation and maintenance of end-to-end wireless infrastructure systems and wireless communication systems.	4772154 07/11/05			PENDING. Published 11/27/08.
MILCOM.013WCN	POWERWAVE	9 - Cabinets for power amplifiers, sold together with power amplifier; power amplifier; racks for power amplifiers, sold together with power amplifiers; combiners for power amplifiers.	3395716 12/06/02	3395716 03/14/04	03/13/14	REGISTERED.

Reference No. CHINA	MARK	Class/Goods	App. No. App. Date	Reg. No. Reg. Date	Renewal Date	Status/Comments
MILCOM.054WCN	POWERWAVE	9 – Antennas; Tower Mounted Antennas; Antenna Brackets; Tilting modules; Converters; Master Control Units; Power Distribution Units; Current Injectors; Filters for Antenna Systems; Base Stations; Power Amplifiers for wireless communications systems; Base Station Conditioners; Integrated Radios; Digital Radio Heads; Base Station Filters; Microwave Filters; Couplers; Combiners; Diplexers; Triplexers; Boosters; Repeaters; Repeater networks; Wireband Radio Heads; distributed antenna systems; Base Station Sub-systems comprising filters, couplers and power amplifiers; Cabinets and frames for power amplifiers; Microwave Radio Links; Antenna Line Devices; Wireless IP and voice transmission systems; computer software for use in controlling, operating, managing, or maintaining wireless communications systems or wireless infrastructure equipment; antenna systems; base station systems; wireless coverage systems; wireless data communications devices; wireless infrastructure equipment; wireless communications devices.	4772156 07/11/05			PENDING. Published 12/20/08.
MILCOM.064WCN	POWERWAVE	42 – Design, development, production, delivery, installation, support, deployment, operation and maintenance of end-to-end wireless infrastructure systems and wireless communication systems.	4772153 07/11/05			PENDING. Appeal filed 12/11/08. Wait for decision (will take 1-2 yrs)
MILCOM.014WCN	POWERWAVE TECHNOLOGIES	9 – Cabinets for power amplifiers, sold together with power amplifiers; power amplifiers; racks for power amplifiers, sold together with power amplifiers; combiners for power amplifiers.	3395715 12/06/02	3395715 03/14/04	03/13/14	REGISTERED.


## EUROPEAN UNION

Reference No. EUROPEAN UNION	MARK	Class/Goods	App. No App. Date	Reg. No. Reg. Date	Renewal Date	Status/ Comments
MILCOM.074WEU		9-Communication, telecommunication and radio communication apparatus and instruments; aereals and antennas including hand-portable, portable, mobile, marine and base station antennas; antenna systems and digital signal processing equipment; signalling and supervising apparatus and instruments; transmitters, receivers, multi-couplers, combiners and rf-filters; apparatus and instruments for recording, receiving, broadcasting and transmission of sound, images, pictures and/or data including to/from/between radio base stations; hard-ware, soft-ware, parts and components for the aforesaid goods. 37-Installation and maintenance regarding antennas and other telecommunication equipment.	310318 07/24/96	310318 06/08/99	07/24/16	RENEWED.
MILCOM.076WEU	CLEAN SITE	9-Antennas including handportable, portable, mobile, marine antennas and base station antennas, antenna filters for reception and broadcasting, antenna systems and equipment for data signal processing, apparatus and instruments for recording receiving, transmission and broadcasting of sound, images and/or data including to, from, between antennas and radio base stations, apparatus and instruments for communication, telecommunication, radio communication, mobile tele communication, microwave communication, fibre optical communication, apparatus and instruments for signalling, checking, monitoring, effect monitoring equipment for radio base stations, electric apparatus and instruments, electric radio technical apparatus and instruments, co-axial contacts, receiver distributors, transmitters, receivers, multi-signal connection devices and rp-filters, transmitter distributors, passive and active components or equipment included in transmitting or receiving systems for telecommunication, hardware, software, parts and components for the above mentioned goods. 37-Installation, maintenance and repairing services for antennas and other equipment for telecommunication. 38-Computer based transmission of messages and images, electronic communication, electronic mail, rental of apparatus and instruments for broadcasting of messages, sound, images and/or data, rental of telecommunication equipment, rental of modems, communication via computer terminals, fibre optical networks, microwaves, cellular phones, radio and telephone, paging services, radio transmission, satellite transmission, telephone communication, telecommunication, telecommunication routing and junction, telecommunication services, providing access to telecommunication connection to computer networks, providing access to computer networks.	003790334 04/30/04	003790334 2/17/06	4/30/14	REGISTERED.

Reference No. EUROPEAN UNION	MARK	Class/Goods	App. No App. Date	Reg. No. Reg. Date	Renewal Date	Status/ Comments
MILCOM.075WEU	FUTURE ON DEMAND. ALLGON & DESIGN	9 - Communication, telecommunication and radio communication apparatus and instruments; aereals and antennas including hand-portable, portable, mobile, marine and base station antennas; antenna systems and digital signal processing equipment; signalling and supervising apparatus and instruments; transmitters, receivers, multi-couplers, combiners and rf-filters; apparatus and instruments for recording, receiving, broadcasting and transmission of sound, images, pictures and/or data including to/from/between radio base stations; hard-ware, soft-ware, parts and components for the aforesaid goods. 37 - Installation and maintenance regarding antennas and other telecommunication equipment.	1109636 03/17/99	1109636 05/17/00	03/17/09	REGISTERED.
MILCOM.051WEU	IN-HANCER	9 - Telecommunications equipment and parts and fittings therefore. 38 - Telecommunication services.	2354280 08/24/01	2354280 03/28/03	08/24/11	REGISTERED.
MILCOM.069WEU	IN-HANCER SERIES	9 - Telecommunications equipment and parts and fittings therefore. 38 - Telecommunication services.	2353399 08/24/01	2353399 03/28/03	08/24/11	REGISTERED.
MILCOM.068WEU	KAVAL TELECOM	09- Telecommunications equipment and parts and fittings therefor.  38- Telecommunication services.	1976273 11/28/00	1976273 7/16/02	11/28/10	REGISTERED.
MILCOM.028WEU		9 - Power amplifiers; racks, combiners, and cabinets for power amplifiers.	2148773 03/23/01	2148773 05/10/02	03/23/11	REGISTERED.
MILCOM.056WEU		Class 9 - Antennas; tower mounted antennas; antenna brackets; tilting modules for antennas; radio frequency to optical and optical to radio frequency converters; master control units; power distribution units; current injectors, filters for antenna systems; base stations; power amplifiers for wireless communications systems; base station conditioners; integrated radios; digital radio heads; base station filters; microwave filters; couplers; combiners; diplexers; triplexers; boosters; repeaters; repeater networks; wireband radio heads; distributed antenna systems; base station sub-systems comprising filters, couplers and power amplifiers; cabinets and frames for power amplifiers; microwave radio links; antenna line devices; wireless ip and voice transmission systems; computer software for use in controlling, operating, managing, or maintaining wireless communications systems or wireless infrastructure equipment; antenna systems; base station systems; wireless coverage systems; wireless data communications devices; wireless infrastructure equipment; wireless communications devices.	004522447 07/05/05	004522447 11/24/06	07/05/15	REGISTERED.





Reference No. EUROPEAN UNION	MARK	Class/Goods	App. No App. Date	Reg. No. Reg. Date	Renewal Date	Status/ Comments
		<p>Class 37 - Installation and maintenance of end-to-end wireless infrastructure systems and wireless communication systems.</p> <p>Class 38 - Provision of end-to-end wireless communication systems.</p> <p>Class 39 - Delivery of end-to-end wireless infrastructure systems and wireless communication systems.</p> <p>Class 40 - Custom manufacture of end-to-end wireless infrastructure systems and wireless communication systems.</p> <p>Class 42 - Design and development of end-to-end wireless infrastructure system and wireless communication systems; technical support of end-to-end wireless infrastructure system and wireless communication systems.</p>				
MILCOM.008WEU	POWERWAVE	9 - Radio frequency power amplifiers for use in wireless and broadband communications; and racks, combiners and cabinets for power amplifiers for use in wireless and broadband communications.	1053172 01/25/99	001053172 07/08/02	01/25/19	RENEWED.



Reference No. EUROPEAN UNION	MARK	Class/Goods	App. No App. Date	Reg. No. Reg. Date	Renewal Date	Status/ Comments
MILCOM.054WEU	POWERWAVE	<p>9 - Antennas; tower mounted antennas; antenna brackets; tilting modules for antennas; radio frequency to optical and optical to radio frequency converters; master control units; power distribution units; current injectors, filters for antenna systems; base stations; radio frequency power amplifiers for wireless communication systems; base station conditioners; integrated radio frequency radios; radio frequency digital radio heads; base station filters; microwave filters; couplers; combiners; diplexers; triplexers; boosters; repeaters; repeater networks; wireband radio heads; distributed antenna systems; base station sub-systems comprising filters, couplers, and radio frequency power amplifiers; cabinets and frames for radio frequency power amplifiers; microwave radio links; antenna line devices; wireless IP and voice transmission systems; computer software for use in controlling, operating, managing, or maintaining wireless communications systems or wireless infrastructure equipment; antenna systems; base station systems; wireless coverage systems; wireless data communications devices; wireless infrastructure equipment; wireless communications devices.</p> <p>37 - Installation and maintenance of end-to-end wireless infrastructure systems and wireless communication systems.</p> <p>38 - Provision of end-to-end wireless communication systems.</p> <p>39 - Delivery of end-to-end wireless infrastructure systems and wireless communication systems.</p> <p>40 - Custom manufacture of end-to-end wireless infrastructure systems and wireless communication systems.</p> <p>42 - Design and development of end-to-end wireless infrastructure system and wireless communication systems; technical support of end-to-end wireless infrastructure system and wireless communication systems.</p>	004516985 06/30/05	004516985 01/25/07	06/30/15	REGISTERED.
MILCOM.016WEU		9 - Radio frequency power amplifiers for use in wireless and broadband communications and racks, combiners and cabinets for power amplifiers for wireless and broadband communications.	1063551 02/03/99	1063551 07/08/02	02/03/09	ABANDONED.
MILCOM.009WEU	POWERWAVE TECHNOLOGIES	9 - Power amplifiers.	449173 01/27/97	449173 11/30/98	01/27/17	RENEWED.
MILCOM.014WEU	POWERWAVE TECHNOLOGIES	9 - Racks, combiners, and cabinets for power amplifiers.	1218171 06/23/99	1218171 03/26/01	06/23/09	REGISTERED.

Reference No. EUROPEAN UNION	MARK	Class/Goods	App. No. App. Date	Reg. No. Reg. Date	Renewal Date	Status/ Comments
MILCOM.012WEU	THE MOST POWERFUL WAVE IN...	9 – Power amplifiers; racks, combiners, and cabinets for power amplifiers.				CLOSED.
MILCOM.026WEU	THE POWER IN WIRELESS	9 – Radio frequency power amplifiers; rack, combiners, and cabinets for power amplifiers.	2081016 02/12/01	2081016 08/05/02	02/12/11	REGISTERED.


**KOREA**

Reference No. KOREA	MARK	Class/Goods	App. No. App. Date	Reg. No. Reg. Date	Renewal Date	Status/Comments
MILCOM.056WKR		9 - All goods in class 9  42 - All services in class 42	45-2006-0004506  12/13/06	45-0020773 08/02/07	08/02/17	REGISTERED.
MILCOM.021WKR	POWERWAVE	20 - Rack for housing or supporting communication equipment, rack for housing or supporting amplifiers, cabinet for housing electronic communication equipment, and cabinet for housing amplifiers.	702000255 07/03/00	499210 08/10/01	08/10/11	REGISTERED.
MILCOM.022WKR	POWERWAVE TECHNOLOGIES	20 - Rack for power amplifiers, and cabinets for power amplifiers.	40200020690 04/29/00	499208 08/10/01	08/10/11	REGISTERED.
MILCOM.023WKR		20 - Rack for power amplifiers, and cabinets for power amplifiers.	40200020691 04/29/00	499209 08/10/01	08/10/11	REGISTERED.


**MEXICO**

Reference No. MEXICO	MARK	Class/Goods	App. No App. Date	Reg. No. Reg. Date	Renewal Date	Status/Comments
MILCOM.028WMX		9 - Power amplifiers; racks, combiners, and cabinets for power amplifiers.	477908 03/22/01	718,163 09/28/01	03/22/11	REGISTERED.
MILCOM.008WMX	POWERWAVE	9 - Radio frequency power amplifiers.	322569 02/13/98	575456 05/06/98	02/13/18	RENEWED.
MILCOM.013WMX	POWERWAVE	9 - Racks, combiners, and cabinets for power amplifiers.	380255 06/23/99	681429 12/19/00	06/23/09	REGISTERED.
MILCOM.009MX	POWERWAVE TECHNOLOGIES	9 - Radio frequency power amplifiers.	322568 02/13/98	575455 05/06/98	02/13/18	RENEWED.
MILCOM.014WMX	POWERWAVE TECHNOLOGIES	9 - Racks, combiners, and cabinets for power amplifiers.	380254 06/23/99	672470 09/28/00	06/23/09	REGISTERED.
MILCOM.015WMX		9 - Racks, combiners, and cabinets for power amplifiers.	380253 06/23/99	644699 02/29/00	06/23/99	REGISTERED.
MILCOM.026WMX	THE POWER IN WIRELESS	9 - Radio frequency power amplifiers; racks, combiners, and cabinets for power amplifiers.	470691 02/13/01	696467 04/25/01	02/13/11	REGISTERED.



PERU

Reference No. PERU	MARK	Class/Goods	App. No. App. Date	Reg. No. Reg. Date	Renewal Date	Status/Comments
MILCOM.015WPE		9 - Racks, combiners, and cabinets for power amplifiers.	086415 06/23/99	60783 01/31/00	01/31/10	REGISTERED.

SWEDEN

Reference No. SWEDEN	MARK	Class/Goods	App. No. App. sDate	Reg. No. Reg. Date	Renewal Date	Status/Comments
MILCOM.072WSE	ALLGON	9,37-Aerials, aerial filters, ~mottagarfordelare~, effect monitoring equipment for radio base stations, coaxial contacts, other passive components or equipments included in transmitter and/or ~mottagarsystem~ for telecommunication.	198708568 11/03/87	219295 11/09/90	11/09/10	RENEWED.
MILCOM.073WSE		9 - Electric (including radio-technical) apparatus and instruments as well as apparatus and instruments for signalling and control. 37 - Installation and repair activities regarding aerials and other equipment for telecommunication.	197600432 01/2876	155889 06/18/76	06/18/16	RENEWED.

**VENEZUELA**

Reference No. VENEZUELA	MARK	Class/Goods	App. No App. Date	Reg. No. Reg. Date	Renewal Date	Status/Comments
MILCOM.008WVE	POWERWAVE	9 -Radio frequency power amplifiers.	3550-99 03/09/99	P-229064 11/22/00	11/22/10	REGISTERED.  Awaiting registration certificate.
MILCOM.013WVE	POWERWAVE	9 - Racks, combiners, and cabinets for power amplifiers.	1116-99 02/02/99	P239064 06/28/02	06/28/12	REGISTERED.  Awaiting registration certificate.
MILCOM.011WVE		9 - Radio frequency power amplifiers.	3558-99 03/09/99	P-246810 08/22/03	08/22/13	REGISTERED.
MILCOM.015WVE Venezuela		9 - Racks, combiners, and cabinets for power amplifiers.	1115-99 02/02/99	P-228988 11/22/00	11/22/10	REGISTERED.  Awaiting registration certificate.

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