

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Raytheon Company	02/17/2009
<b>RECEIVING PARTY DATA</b>	
Name:	Powerwave Cognition, Inc.
Street Address:	1801 East Street Andrew Place
City:	Santa Ana
State/Country:	CALIFORNIA
Postal Code:	92705
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12850342
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(781)644-6137
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Email:	patents@strategic-patents.com
Correspondent Name:	Strategic Patents P.C.
Address Line 1:	P.O.Box 920629
Address Line 4:	Needham, MASSACHUSETTS 02492
ATTORNEY DOCKET NUMBER:	COGN-0001-P02 (2)
NAME OF SUBMITTER:	Robert A. Mazzaresse
<b>Total Attachments: 4</b> source=COGN-00XX-PXX_032509_Executed_Assignment_Ray_Cogn#page1.tif source=COGN-00XX-PXX_032509_Executed_Assignment_Ray_Cogn#page2.tif source=COGN-00XX-PXX_032509_Executed_Assignment_Ray_Cogn#page3.tif source=COGN-00XX-PXX_032509_Executed_Assignment_Ray_Cogn#page4.tif	

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**PATENT**  
**REEL: 025092 FRAME: 0734**

### ASSIGNMENT

WHEREAS, Raytheon Company, having a place of business at 870 Winter Street, Waltham, MA 02451 (the ASSIGNOR) desires to convey its right, title and interest in and to the patents and patent applications set forth in Exhibit A hereto, and any and all inventions disclosed therein ("the Patents"), and the ASSIGNOR owns the entire right, title and interest in and to the Patents, and has full right to convey the entire interest, both legal and equitable, in and to said Patents free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, Powerwave Cognition, Inc., a Delaware corporation having a place of business at 21 Continental Boulevard, Merrimack, NH 03054 (the ASSIGNEE), is desirous of acquiring the entire right, title, and interest in and to the Patents;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers unto the ASSIGNEE, its successors and assigns, the ASSIGNOR's entire right, title and interest in and to the Patents, including any and all conversions, divisions, continuations, continuations-in-part, substitute applications, and reissues or extensions thereof; and all resulting patents in any jurisdiction worldwide, along with all rights to sue for past infringement.

AND the ASSIGNOR hereby authorizes and requests the issuing authority to issue any and all patents issuing from any of the forgoing to the ASSIGNEE or its successors and assigns.


AND the ASSIGNOR agrees that the ASSIGNEE's counsel, Strategic Patents, P.C. having Customer Number 43520 shall hereinafter act on behalf of the ASSIGNEE with respect to the Patents.

AND the ASSIGNOR further agrees, without any further payment or compensation by the ASSIGNEE or its successors and assigns, to communicate to the ASSIGNEE, its representatives or agents or its successors and assigns, any facts relating to the invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; to testify in any interference or other legal proceedings, whenever requested; to execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and to generally do everything possible to aid the ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for the invention or inventions in this or any foreign country.

The ASSIGNOR hereby authorizes the attorney(s) associated with Patent Office Customer Number 43520, to insert hereon any further information necessary or desirable for recordation of this document.

AGREED

Raytheon Company  
870 Winter Street  
Waltham, MA 02451-1449  
United States of America

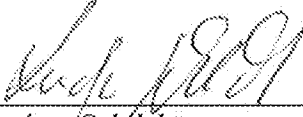
By:   
Robin Loporchio

Title: Senior Counsel

Date: 2/17/09

ACCEPTED

Powerwave Cognition, Inc.  
21 Continental Boulevard  
Merrimack, NH 03054  
United States of America

By:   
Ludger Schlicht

Title: VP PLM

Date: 02/06/2009

## Exhibit A

Attorney No.	Serial No.	Title	File Date	Reel No.	Frame No.
COGN-0001-P01	11/461,862	MULTIPLE SIGNAL RECEIVING	August 2, 2006	018482	0706
COGN-0002-P01	09/802,280	FREQUENCY DOMAIN DIRECT SEQUENCE SPREAD SPECTRUM WITH FLEXIBLE TIME FREQUENCY CODE	March 8, 2001	012244	0758
COGN-0002-P10	12/116,863	Frequency Domain Direct Sequence Spread Spectrum with Flexible Time Frequency Code	May 7, 2008	012244	0758
COGN-0003-P01	11/947,928	COMMUNICATION SCHEDULING OF NETWORK NODES USING FAIR ACCESS AND WEIGHTING TECHNIQUES	November 30, 2007	020414	0097
COGN-0009-P01	11/548,763	DETERMINING A MODE TO TRANSMIT DATA	October 12, 2006	019216	0012
COGN-0014-P01	11/595,493	BEARER SELECTION AND NEGOTIATION IN AUTONOMOUS DYNAMIC SPECTRUM ACCESS SYSTEMS	November 10, 2006	019513	0447
COGN-0015-P01	11/595,718	INTERFERENCE AVOIDANCE FOR AUTONOMOUS DYNAMIC SPECTRUM ACCESS SYSTEMS	Nov 10, 2006	019663	0983
COGN-0015-P02	11/772,691	INTERFERENCE AVOIDANCE FOR AUTONOMOUS DYNAMIC SPECTRUM ACCESS SYSTEMS	July 2, 2007	019663	0983
COGN-0016-P01	11/595,542	METHOD AND SYSTEM FOR USING SELECTED BEARER CHANNELS	November 10, 2006	019519 019519	0465 0262

Attorney No.	Serial No.	Title	File Date	Reel No.	Frame No.
COGN-0017-P01	11/595,716	SCHEDULING FOR AUTONOMOUS DYNAMIC SPECTRUM ACCESS SYSTEMS	November 10, 2006	019504	0174
COGN-0018-P01	11/595,717	METHOD AND APPARATUS FOR ADJUSTING WAVEFORM PARAMETERS FOR AN ADAPTIVE AIR INTERFACE WAVEFORM	November 10, 2006	019523 019523 019523	0343 0589 0097
COGN-0019-P01	11/595,740	ADAPTIVE CONTROL CHANNEL INITIALIZATION OPERATIONS FOR AUTONOMOUS DYNAMIC SPECTRUM ACCESS	November 10, 2006	019519 019519	0596 0672
COGN-0020-P01	11/595,719	AUTONOMOUS DYNAMIC SPECTRUM ACCESS	November 10, 2006	019508	0787
COGN-0021-P01	10/421,168	ADAPTIVE AIR INTERFACE WAVEFORM	April 22, 2003	014999	0916
COGN-0022-P01	10/421,498	DYNAMIC WIRELESS RESOURCE UTILIZATION	April 23, 2005	015129	0498