

## 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>Daniel S. Chew</td> <td>01/04/2012</td> </tr> <tr> <td>Leo H. Hui</td> <td>01/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Daniel S. Chew	01/04/2012	Leo H. Hui	01/05/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Raytheon Company</td> </tr> <tr> <td>Street Address:</td> <td>870 Winter Street</td> </tr> <tr> <td>City:</td> <td>Waltham</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02451</td> </tr> </table>		Name:	Raytheon Company	Street Address:	870 Winter Street	City:	Waltham	State/Country:	MASSACHUSETTS	Postal Code:	02451
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CORRESPONDENCE DATA											
<p>Fax Number: (617)830-3227</p> <p>Email: patent@pierceatwood.com</p> <p><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: Pierce Atwood LLP</p> <p>Address Line 1: 100 Summer Street, Suite 2250</p> <p>Address Line 4: Boston, MASSACHUSETTS 02110</p>											
ATTORNEY DOCKET NUMBER:	RAY-070US (11-1859)										
NAME OF SUBMITTER:	Erik Saarmaa										
<p>Total Attachments: 3</p> <p>source=RAY-070US. Executed Assignment (W2837498)#page1.tif</p> <p>source=RAY-070US. Executed Assignment (W2837498)#page2.tif</p> <p>source=RAY-070US. Executed Assignment (W2837498)#page3.tif</p>											

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Joint

ASSIGNMENT

WHEREAS, we, **Daniel S. Chew and Leo H. Hui**, have invented a certain improvement in **Grating Lobe Mitigation in Presence of Simultaneous Receive Beams**, described in an application for Patent,

- ☒ the specification of which is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- ☐ is about to be filed in the United States Patent Office as a Provisional Application;
- ☐ the specification of which is United States Application No. [ ], filed [ ];
- ☐ the specification of which is a Patent Cooperation Treaty Application, International Application No. [ ], filed [ ], which designates the United States of America [and assigned United States Application No. [ ]];
- ☐ which was patented under United States Patent No. [ ].

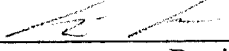
WHEREAS, **Raytheon Company** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware**, and having a usual place of business at **870 Winter Street, Waltham, Massachusetts 02451** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title

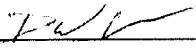
and interest therein; I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;


AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.


Inventor Signature  Date 1-4-2012  
**Daniel S. Chew**

Address 1120 Trowbridge Way  
Danville, CA 94506-1271

Witness Signature   
Print Witness Name David Chew  
Address 1120 Trowbridge Way  
Danville, CA 94506

Witness Signature   
Print Witness Name Adriana Hsu  
Address 62 Chula Vista  
Irvine, CA 92602

Inventor Signature

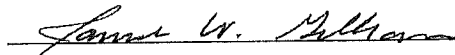
  
Leo H. Hui

Date 1-5-2012

Address 905 N. Cordova Street

Alhambra, CA 91801-1108

Witness Signature



Print Witness Name

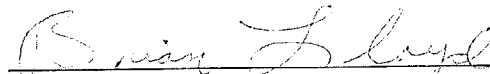
JAMES W GILLIAM

Address

2226 NELSON AVE #A

REDONDO BEACH, CA 90278

Witness Signature



Print Witness Name

BRIAN LLOYD

Address

5050 Newton Street

Terrance CA 90505