

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>Allen Wang</td> <td>10/03/2011</td> </tr> <tr> <td>Fangchou Yang</td> <td>10/03/2011</td> </tr> <tr> <td>Jason G. Milne</td> <td>09/28/2011</td> </tr> </tbody> </table>		Name	Execution Date	Allen Wang	10/03/2011	Fangchou Yang	10/03/2011	Jason G. Milne	09/28/2011
Name	Execution Date								
Allen Wang	10/03/2011								
Fangchou Yang	10/03/2011								
Jason G. Milne	09/28/2011								
RECEIVING PARTY DATA									
Name:	Raytheon Company								
Street Address:	870 Winter Street								
City:	Waltham								
State/Country:	MASSACHUSETTS								
Postal Code:	02451								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13249587</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13249587				
Property Type	Number								
Application Number:	13249587								
CORRESPONDENCE DATA									
Fax Number:	(617)830-3227								
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
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Address Line 4:	Boston, MASSACHUSETTS 02110								
ATTORNEY DOCKET NUMBER:	RAY-048US (10-1268)								
NAME OF SUBMITTER:	Ralph Trementozzi								
Total Attachments: 4 source=W2670745#page1.tif source=W2670745#page2.tif source=W2670745#page3.tif source=W2670745#page4.tif									

CH \$40.00 13249587

Docket No. RAY-048US (10-1268)

JointASSIGNMENT

WHEREAS, we, **Allen Wang, Fangchou Yang and Jason G. Milne**, have invented a certain improvement in **Variable Height Radiating Aperture** 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

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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

Allen Wang
Allen Wang

Date 10/03/2011

Address 1631 Fairgreen Drive
Fullerton, CA 92833-1513

Witness Signature

Jar J Lee
Jar J Lee

Print Witness Name

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32 PASO ROBLES
IRVING CA 92602

Witness Signature

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Print Witness Name

Address

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Inventor Signature

Jangdon Young

Date 10/03/2011

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Witness Signature

Jan T Lee

Print Witness Name

Jan T Lee

Address

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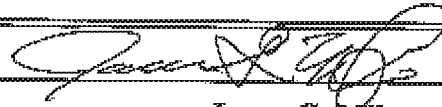
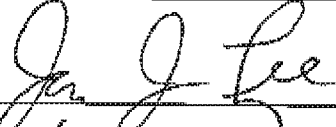
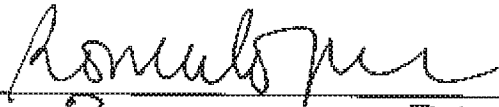
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Witness Signature		
Print Witness Name	ROMULO BROAS	
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	Seal Beach, CA 90740	