

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

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>Alberto F. Viscarra</td><td>11/17/2009</td></tr><tr><td>Ethan S. Heinrich</td><td>11/17/2009</td></tr><tr><td>Melvin S. Campbell</td><td>11/17/2009</td></tr><tr><td>David T. Winslow</td><td>11/19/2009</td></tr><tr><td>Kevin C. Rolston</td><td>11/17/2009</td></tr><tr><td>Rosalio S. Vidaurri</td><td>11/17/2009</td></tr></tbody></table>	Name	Execution Date	Alberto F. Viscarra	11/17/2009	Ethan S. Heinrich	11/17/2009	Melvin S. Campbell	11/17/2009	David T. Winslow	11/19/2009	Kevin C. Rolston	11/17/2009	Rosalio S. Vidaurri	11/17/2009	
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Rosalio S. Vidaurri	11/17/2009														
RECEIVING PARTY DATA															
Name:	Raytheon Company														
Street Address:	870 Winter Street														
City:	Waltham														
State/Country:	MASSACHUSETTS														
Postal Code:	02451-1449														
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>12620544</td></tr></tbody></table>	Property Type	Number	Application Number:	12620544											
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CORRESPONDENCE DATA															
Fax Number: (626)577-8800 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone: 6267959900															
Email: pto@cph.com															
Correspondent Name: Christie, Parker & Hale, LLP															
Address Line 1: P.O. Box 7068															
Address Line 4: Pasadena, CALIFORNIA 91109-7068															
ATTORNEY DOCKET NUMBER:	64088/R691														
NAME OF SUBMITTER:	Gabriel Fitch														

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PATENT  
REEL: 023551 FRAME: 0642

Total Attachments: 4

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## ASSIGNMENT

WHEREAS, WE, ALBERTO F. VISCARRA, ETHAN S. HEINRICH, MELVIN S. CAMPBELL, DAVID T. WINSLOW, KEVIN C. ROLSTON, AND ROSALIO S. VIDAURRI, residing at 3124 W. 180th Pl; Torrance, CA 90504-4018; 826 W. 27th St.; San Pedro, CA 90731-6213; 14324 Lemoli Ave.; Hawthorne, CA 90250-9070; 11074 Rhoda Way; Culver City, CA 90230; 8227 Redlands St. Apt 7; Playa Del Rey, CA 90293-8196; and 3427 Lowell Ave; Los Angeles, CA 90032-2918, respectively, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled **PROCESS FOR FABRICATING AN ORIGAMI FORMED ANTENNA RADIATING STRUCTURE**, Raytheon Ref. 08W212, CPH Ref. R691:64088.

AND WHEREAS RAYTHEON COMPANY, a Delaware corporation, having a place of business at 870 Winter Street, Waltham, Massachusetts 02451-1449 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said application and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, including the right to sue or otherwise bring action and to collect and receive damages therefrom, for past infringement thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and we hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 17 day of November, 20 09

  
Alberto VISCARRA

ASSIGNMENT  
Docket No. 64088/R691

Joint

STATE OF CALIFORNIA )  
COUNTY OF Los Angeles )

On November 17 before me, Susan Valerie Antrillo,  
Notary Public, personally appeared **Alberto VISCARRA**, who proved to me on the basis of  
satisfactory evidence to be the person whose name is subscribed to the within instrument and  
acknowledged to me that he executed the same in his authorized capacity, and that by his  
signature on the instrument the person, or the entity upon behalf of which the person acted,  
executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the  
foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Susan Valerie Antrillo  
Signature of Notary (Seal)

\*\*\*\*\*

IN TESTIMONY WHEREOF, I hereunto set my hand this 17 day of November,  
2009.

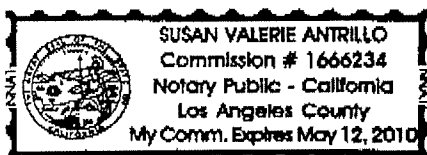
Ethan S. HEINRICH  
Ethan S. HEINRICH

STATE OF CALIFORNIA )  
COUNTY OF Los Angeles )

On November 17, 2009 before me, Susan Valerie Antrillo,  
Notary Public, personally appeared **Ethan S. HEINRICH**, who proved to me on the basis of  
satisfactory evidence to be the person whose name is subscribed to the within instrument and  
acknowledged to me that he executed the same in his authorized capacity, and that by his  
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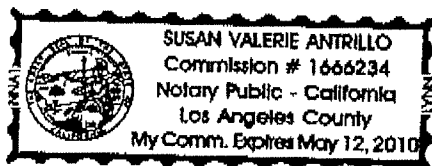
IN TESTIMONY WHEREOF, I hereunto set my hand this 17 day of November,  
2009.

  
Melvin S. CAMPBELL

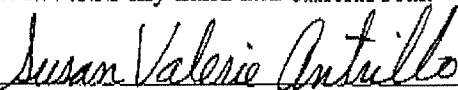
STATE OF CALIFORNIA )  
COUNTY OF Los Angeles )

On November 17, 2009 before me, Susan Valerie Antrillo,  
Notary Public, personally appeared Melvin S. CAMPBELL, who proved to me on the basis of  
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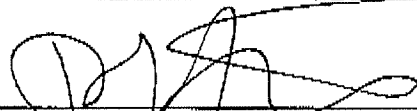


WITNESS my hand and official seal.

  
Signature of Notary (Seal)

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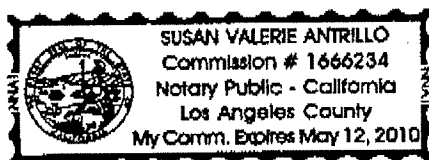
IN TESTIMONY WHEREOF, I hereunto set my hand this 19 day of November,  
2009.

  
David T. WINSLOW

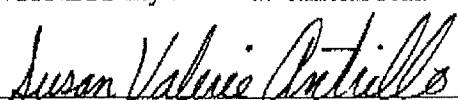
STATE OF CALIFORNIA )  
COUNTY OF Los Angeles )

On November 19, 2009 before me, Susan Valerie Antrillo,  
Notary Public, personally appeared David T. WINSLOW, who proved to me on the basis of  
satisfactory evidence to be the person whose name is subscribed to the within instrument and  
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WITNESS my hand and official seal.

  
Signature of Notary (Seal)

-3-

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Docket No. 64088/R691

Joint

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IN TESTIMONY WHEREOF, I hereunto set my hand this 17 day of November,  
2009.

*Kevin C. Rolston*

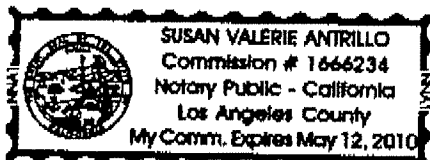
Kevin C. ROLSTON

STATE OF CALIFORNIA )  
COUNTY OF Los Angeles )

On November 17, 2009 before me, Susan Valerie Antrillo,  
Notary Public, personally appeared **Kevin C. ROLSTON**, who proved to me on the basis of  
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WITNESS my hand and official seal.



*Susan Valerie Antrillo*  
Signature of Notary (Seal)

\*\*\*\*\*

IN TESTIMONY WHEREOF, I hereunto set my hand this 17 day of NOVEMBER,  
2009.

*Rosalio S. VIDAURRI*

Rosalio S. VIDAURRI

STATE OF CALIFORNIA )  
COUNTY OF Los Angeles )

On November 17, 2009 before me, Susan Valerie Antrillo,  
Notary Public, personally appeared **Rosalio S. VIDAURRI**, who proved to me on the basis of  
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*Susan Valerie Antrillo*  
Signature of Notary (Seal)

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