PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
David Crouch	01/08/2008
William E. Dolash	01/08/2008

RECEIVING PARTY DATA

Name:	Raytheon Company	
Street Address:	870 Winter Street	
City:	Waltham	
State/Country:	MASSACHUSETTS	
Postal Code:	02451-1449	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11940499

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	RAYTH.5800
NAME OF SUBMITTER:	Daniel J. Noblitt

Total Attachments: 4

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PATENT REEL: 020495 FRAME: 0675

ASSIGNMENT

WHEREAS, each undersigned inventor (hereinafter "ASSIGNOR") of the address indicated below, is an inventor of "COMBINING MULTIPLE-PORT PATCH ANTENNA" for which an application for Letters Patent of the United States has been filed on 11/15/2007, and assigned serial no. 11/940,499.

AND WHEREAS, Raytheon Company (hereinafter "ASSIGNEE"), an entity having its principal place of business and mailing address at 870 Winter Street, Waltham, Massachusetts 02451-1449 is desirous of memorializing its interest therein;

NOW, THEREFORE, the undersigned ASSIGNOR hereby confirms ASSIGNEE owns the invention as described in the aforesaid application. Nonetheless, to comport with Patent and Trademark Office procedures, ASSIGNOR memorializes that transfer in the form of this assignment and;

THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign, and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the ASSIGNOR's full and exclusive right to the invention as described in the aforesaid application, in the United States and all foreign countries, together with any related applications or rights, including any provisional, nonprovisional, continuation, continuation-in-part, divisional, reissue, reexamination, foreign, PCT, or other patent application or like document or right, and any right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests the Commissioner of Patents to issue any Letters Patent issuing from or claiming priority to said application to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives.

AND HEREBY AGREES to transfer a like interest upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements and applications for patents based thereon, growing out of or relating to the invention; and to provide all reasonable assistance and execute any papers deemed essential by ASSIGNEE, its successors, assigns and legal representatives, to ASSIGNEE's full protection and title in and to the invention hereby transferred,

AGREEING, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

EXECUTED as of the date written below by ASSIGNOR:

Inventor: David Cronch	1
Signature: Di	Date: 1/08/08
Residence address: 940 Caribou Cir.	Corona, California 92881
STATE OF	
COUNTY OF)	
county, appeared David Crouch, who subscribed to the foregoing instrum-	, 200, before me, a notary public in and for said is known to me to be the same person whose name is ent, and s/he acknowledges that s/he signed, sealed and ee and voluntary act for the uses and purposes therein se
(Seal)	Notary Public

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E. Talona	Date: <u>01-08-0</u>
ission Blvd., Space 165 Mon	tclair, California 91763
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) ss. .)	
Dolash, who is known to m g instrument, and s/he ackn	fore me, a notary public in and for said ne to be the same person whose name is nowledges that s/he signed, sealed and ct for the uses and purposes therein set
	ission Blvd., Space 165 Mon) ss.) , 200, be Dolash, who is known to n g instrument, and s/he ackr

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT State of California me, personally appeared Name(s) of Signer(a) Dersonally known to me Exproved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ja/are subscribed R. ASKANASE to the within instrument and acknowledged to me that Commission # 1564565 he/she/they executed the same in his/her/their Notary Public - California authorized capacity(ies), and that by his/her/their ikan isamorosno County signature(s) on the instrument the person(s), or the Comm. Expires May 26, 200 entity upon behalf of which the person(s) acted, executed the instrument. WITNESS my hand and official seal. Place Notary Seat Above OPTIONAL . Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document. **Description of Attached Document** Title or Type of Document: <u>PATENT_ASSIS</u>NIMENT Document Date: J・ピーの名 Number of Pages: Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Signer's Name:

Signer's Name: Individual Individual □ Corporate Officer — Title(s): ____ Corporate Officer — Title(s): _____ □ Partner — □ Limited □ General □ Partner — □ Limited □ General Attorney in Fact ☐ Attorney in Fact Top of thumb here Top of themb here ☐ Trustee ☐ Trustee Guardian or Conservator □ Guardian or Conservator Signer Is Representing: Signer Is Representing:

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