

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jon E. Maenpa	08/25/2009
Andrew M. Hautzik	08/25/2009
Patrick M. Sain	08/25/2009

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12548387

CORRESPONDENCE DATA

Fax Number: (626)577-8800
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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 Address Line 1: PO BOX 7068
 Address Line 4: PASADENA, CALIFORNIA 91109-7068

ATTORNEY DOCKET NUMBER:	63016/R691
NAME OF SUBMITTER:	Robert A. Green

Total Attachments: 4
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**PATENT
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ASSIGNMENT

WHEREAS, WE, JON E. MAENPA, ANDREW M. HAUTZIK, AND PATRICK M. SAIN, residing at 1007 Emerald Street, Redondo Beach, California 90277; 2056 Van Karajan Drive, Rancho Palos Verdes, California 90275; and 5046 Deelane Street, Torrance, California 90503, respectively, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled **SYSTEM AND METHOD FOR CORRECTING GLOBAL NAVIGATION SATELLITE SYSTEM PSEUDORANGE MEASUREMENTS IN RECEIVERS HAVING CONTROLLED RECEPTION PATTERN ANTENNAS**, filed on even date herewith;

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.

ASSIGNMENT
Docket No. 63016/R691

Joint

IN TESTIMONY WHEREOF, I hereunto set my hand this 25 day of August,
2009.

Andrew M. Hautzik
Andrew M. Hautzik

STATE OF CALIFORNIA)
COUNTY OF Los Angeles)

On August 25, 2009 before me, Susan Valerie Antrillo,
Notary Public, personally appeared Andrew M. Hautzik, 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.

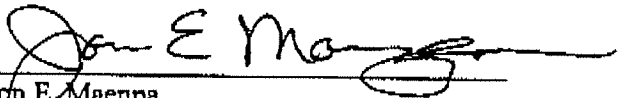


Susan Valerie Antrillo
Signature of Notary (Seal)

ASSIGNMENT
Docket No. 63016/R691

Joint

IN TESTIMONY WHEREOF, I hereunto set my hand this 25 day of August,
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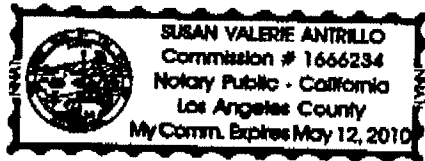

Jon E. Maenpa

STATE OF CALIFORNIA)
COUNTY OF Los Angeles)

On August 25, 2009 before me, Susan Valerie Antrillo,
Notary Public, personally appeared Jon E. Maenpa, 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,
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Signature of Notary (Seal)

ASSIGNMENT
Docket No. 63016/R691

Joint

IN TESTIMONY WHEREOF, I hereunto set my hand this 25 day of August,
2009.

Patrick M. Sain
Patrick M. Sain

STATE OF CALIFORNIA)
COUNTY OF Los Angeles)

On August 25, 2009 before me, Susan Valerie Antrillo,
Notary Public, personally appeared Patrick M. Sain, 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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foregoing paragraph is true and correct.



WITNESS my hand and official seal.

Susan Valerie Antrillo
Signature of Notary (Seal)

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