

08-14-2009

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To the Director of the U.S. Patent and

103570828

ments or the new address(es) below.

1. Name of conveying party(ies)

Scott E. Adcock
Carl D. Cook

2. Name and address of receiving party(ies)

Name: Raytheon Company

Internal Address: _____

Intellectual Property & Licensing

Street Address: _____

870 Winter Street

City: Waltham

State: MA

Country: USA

Zip: 02451-1449

Additional name(s) of conveying party(ies) attached? Yes No

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) May 15, 2009, May 18, 2009

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

This document is being filed together with a new application.

4. Application or patent number(s):

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Raytheon Company

Internal Address: EO/E04/N119

Intellectual Property & Licensing

Street Address: PO Box 902

2000 E. El Segundo Blvd.

City: El Segundo

State: CA Zip: 90245-0902

Phone Number: 310-647-3214

Fax Number: 310-647-2616

Email Address: _____

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

08/13/2009 DBYRNE 00000022 500616 12462365

Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

8. Payment information

Deposit Account Number 50-0616

Authorized User Name Panchanathan Reghunathan

9. Signature:

Signature

August 3, 2009

Date

Panchanathan Reghunathan
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

ASSIGNMENT

Attorney Docket No. 07W006

Page 1 of 3

WHEREAS, I, as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a (an)

RELATIVE LOCATION DETERMINATION OF MOBILE SENSOR NODES

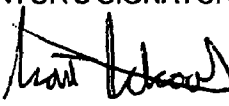
for which application for Letters Patent of the United States has been executed by me, or (if the following is completed) was filed as Application No. _____ on _____, and

WHEREAS, RAYTHEON COMPANY (hereinafter referred to as RAYTHEON), a Delaware corporation, having its principal place of business in Waltham, Massachusetts, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to RAYTHEON, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in-part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request the Director of the United States Patent and Trademark Office and all foreign countries to issue all such Letters Patent to said RAYTHEON, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to RAYTHEON, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by RAYTHEON, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of RAYTHEON, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in RAYTHEON, its successors, assigns or other legal representatives.

Title: RELATIVE LOCATION DETERMINATION OF MOBILE SENSOR NODES

IN WITNESS WHEREOF, I have executed this instrument.


FULL NAME OF SOLE OR JOINT INVENTOR Scott E. Adcook	INVENTOR'S SIGNATURE 	DATE SIGNED 5/15/09
RESIDENCE (CITY AND STATE) Irvine, California		INVENTION AGREEMENT DATE January 14, 1991

STATE OF CALIFORNIA)
 COUNTY OF ORANGE) SS:

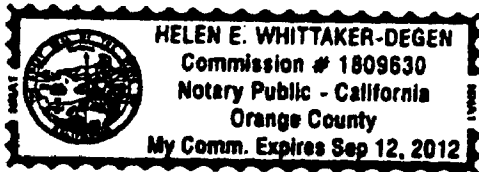
On 5/15/09, 2009, before me, HELEN WHITTAKER-DEGEN
 Notary Public, personally appeared Scott E. Adcook,
 who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to
 the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized
 capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of
 which the person(s) 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.

Notary Public 

[seal]



Title: RELATIVE LOCATION DETERMINATION OF MOBILE SENSOR NODES

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR Carl D. Cook	INVENTOR'S SIGNATURE <i>Carl D Cook</i>	DATE SIGNED 5/18/09
RESIDENCE (CITY AND STATE) La Habra, California		INVENTION AGREEMENT DATE March 21, 1983

STATE OF CALIFORNIA)
COUNTY OF ORANGE) SS:

On 5/18/09, 2009, before me, HELEN WHITTAKER-DEGEN
Notary Public, personally appeared Carl D. Cook,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.

Notary Public *Helen E. Whittaker-Degen*

[seal]

