

05-19-2004

Atty Dkt No.: RTN-200PUS

Form PTO-1595  
(Rev. 10/02)

RE

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

102748059

Tab settings ⇌ ⇌ ⇌

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Thomas L. McKendree  
Hans L. Habereber  
Donald R. Ormand

## 2. Name and address of receiving party(ies)

Name: Raytheon Company

Internal Address: \_\_\_\_\_

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

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Street Address: 870 Winter Street

City: Waltham State: MA Zip: 02451

Execution Date: 07-28-03; 07-28-03; 08-12-03

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

## 4. Application number(s) or patent number(s):

07-28-03; 07-28-03;  
08-12-03

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

10/444,936

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Daly, Crowley &amp; Mofford, LLP

Internal Address: \_\_\_\_\_

Street Address: 275 Turnpike Street, Suite 101

City: Canton State: MA Zip: 02021-2310

## 6. Total number of applications and patents involved: 1

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

☒ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number:

500845

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Donald F. Mofford 33,740  
Name of Person Signing

Signature

May 13, 2004  
Date

Total number of pages including cover sheet, attachments, and documents: 6

Mail documents to be recorded with required cover sheet information to:

MS Assignment Recordation Services, Director of the U.S. Patent and Trademark Office,  
P. O. Box 1450, Alexandria, VA 22313-1450

05/18/2004 ECDPER 00000101 10444936

01 FC:0021

40.00 DP

PATENT  
REEL: 015332 FRAME: 0154

## ASSIGNMENT

Whereas we, the undersigned, Thomas L. McKendree, Hans L. Habereber, and Donald R. Ormand hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled, Integrity Bound Situational Awareness and Weapon Targeting, identified as Attorney Docket No. RTN-200PUS and Raytheon Case No. 02E074/RRL/US, which application was executed by us on 07-28-03; 07-28-03; 08-12-03, filed on May 23, 2003 and assigned Application No. 10/444,936. In the event that the execution date, filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys at Daly, Crowley & Mofford, LLP, 275 Turnpike Street, Canton, MA 02021-2310, to insert above the execution date, filing date and/or Application No. of said application.

Whereas, RAYTHEON COMPANY, a Massachusetts Corporation having a place of business at 141 Spring Street, Lexington, MA 02421, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

County of

Orange

} ss.

On 12 August 2003 before me,

Date

J. Heiserman, Notary Public

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

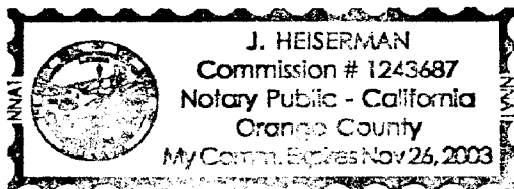
personally appeared

Donald R. Ormand

Name(s) of Signer(s)

- ☒ personally known to me  
☐ 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.



WITNESS my hand and official seal.

Signature of Notary Public

**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:

Patent Assignment

Document Date:

12 August 2003

Number of Pages:

1

Signer(s) Other Than Named Above:

**Capacity(ies) Claimed by Signer**

Signer's Name:

- ☐ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney-in-Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing:

**RIGHT THUMBPRINT  
OF SIGNER**  
 Top of thumb here

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

State or Commonwealth of California

County Orange

Dated: 28 July 2003

Thomas L. McKendree  
Thomas L. McKendree

On this \_\_\_\_ day of \_\_\_\_\_, 2003, before me appeared Thomas L. McKendree to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

[seal]

*See attached*

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

State or Commonwealth of California

County Orange

Dated: 28 July 2003



Hans L. Habereber

On this \_\_\_\_ day of \_\_\_\_\_, 2003, before me appeared Hans L. Habereber to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

*See attached*

\_\_\_\_\_  
Notary Public

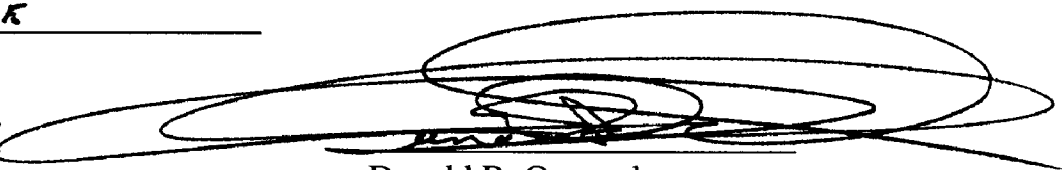
[seal]

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

State or Commonwealth of CALIFORNIA

County ORANGE

Dated: 8/12/03



Donald R. Ormand

On this \_\_\_\_ day of \_\_\_\_\_, 2003, before me appeared Donald R. Ormand to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

*See attached*

\_\_\_\_\_  
Notary Public

[seal]

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

County of

Orange

} ss.

On

28 July 2003

before me,

J. Heiserman, Notary Public

Name and Title of Officer (e.g., Jane Doe, Notary Public)

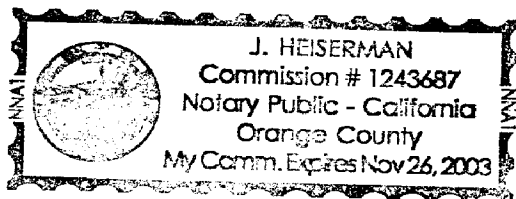
personally appeared

Thomas L. McKendree and Hans L. Haberer

Name(s) of Signer(s)

☒ personally known to me☐ 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.



WITNESS my hand and official seal.

Signature of Notary Public

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Assignment of Patent

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28 July 2003

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Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer**

Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney-in-Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

**RIGHT THUMBPRINT  
OF SIGNER**  
Top of thumb here