


Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼		RECORDATION FORM COVER SHEET <b>PATENTS ONLY</b>		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): <b>Theagenis J. Abatzoglou Leo H. Hui Kwang M. Cho</b>			2. Name and address of receiving party(ies) Name: <b>Raytheon Company</b> Internal Address: <b>Intellectual Property and Licensing</b>   Street Address: _____ <b>141 Spring Street</b>  City: <b>Lexington</b> State: <b>MA</b> Zip: <b>02421-7899</b>		
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other <b>Correction: Recordation sheet reflects incorrect serial number because Block 4 showed serial number</b> Execution Date: <b>10/18/2004</b>					
4. Application number(s) or patent number(s): <b>Internal Docket No. PD-03W155</b> If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <b>10/968,780</b> B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <b>Raytheon Company</b> Internal Address: <b>Leonard A. Alkov</b>   Street Address: <b>P.O. Box 902 (E1/E150)</b>  <b>El Segundo</b> <b>CA</b> <b>90245-0902</b> City: _____ State: _____ Zip: _____			6. Total number of applications and patents involved: <b>1</b> 7. Total fee (37 CFR 3.41).....\$ <b>40.00</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <b>50-0616</b> (Attach duplicate copy of this page if paying by deposit account)		
<b>DO NOT USE THIS SPACE</b>					
9. Statement and signature. <i>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.</i> <b>Leonard A. Alkov, 30,021</b> Name of Person Signing  Signature <b>05/17/2005</b> Date Total number of pages including cover sheet, attachments, and documents: <b>7</b>					
Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231					

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10-28-2004

Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

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

10/19/04

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

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

**Theagenis J. Abatzoglou**  
**Leo H. Hui**  
**Kwang M. Cho**Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

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

10/18/2004

Execution Date: \_\_\_\_\_

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

Name: **Raytheon Company**Internal Address: **Intellectual Property and Licensing**

Street Address: \_\_\_\_\_

**870 Winter Street**City: **Waltham** State: **MA** Zip: **02451-1449**Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

**Attorney Docket No. 03W155**

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

A. Patent Application No.(s)

**10/815,274, filed 04/01/2004**

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Raytheon Company**Internal Address: **Leonard A. Alkov**Street Address: **P.O. Box 902 (E4/N119)**City: **El Segundo** State: **CA** Zip: **90245-0902**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:

**50-0616**

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

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*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.***Leonard A. Alkov, 30,021**

Name of Person Signing

Signature

**10/19/2004**

Date

Total number of pages including cover sheet, attachments, and documents: **4**

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

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Washington, D.C. 20231

PATENT

REEL: 016248 FRAME: 0493

Assignment  
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## ASSIGNMENT

WHEREAS, I, as below named joint inventor of the city and state as stated below next to my name, have invented "Interrupt SAR Image Restoration Using Linear Prediction and Range Migration Algorithm (RMA) Processing" for which application for Letters Patent of the United States has been executed by me on this day; and

WHEREAS, RAYTHEON COMPANY, a Delaware Corporation, having its principal place of business in Lexington, 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 COMPANY, 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 Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said RAYTHEON COMPANY, its successors, assigns or other legal representatives; convenient 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 COMPANY, 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 COMPANY, 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 COMPANY, 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 COMPANY, its successors, assigns or other legal representatives.

Assignment  
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PD-03W155

IN WITNESS WHEREOF, we have executed this instrument.

Full Name of Inventor Theagenis J. Abatzoglou	Inventor Signature <i>T. J. Abatzoglou</i>	Date Signed 10/18/04
Residence (City and State) 19392 Shady Harbor Circle, Huntington Beach, CA 92648		Invention Agreement Date June 2, 2003

STATE OF California )  
COUNTY OF Los Angeles ) SS:  
On 10-18-04 before me, Elaine Panousis, a Notary Public in and for said State,  
personally appeared Theagenis J. Abatzoglou

☒ personally known to me or ☐ 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.



Notary Public

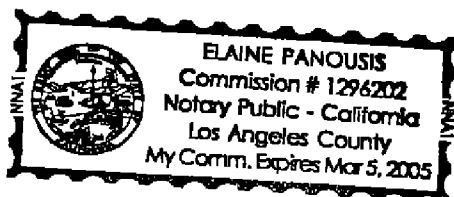
*Elaine Panousis*

Full Name of Inventor Leo H. Hui	Inventor Signature <i>Leo H. Hui</i>	Date Signed 10/18/04
Residence (City and State) 905 No. Cordova Street, Alhambra, CA 91801-1108		Invention Agreement Date June 18, 1979

STATE OF California )  
COUNTY OF Los Angeles ) SS:  
On 10-18-04 before me, Elaine Panousis, a Notary Public in and for said State,  
personally appeared Leo H. Hui

☒ personally known to me or ☐ 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.



Notary Public

*Elaine Panousis*

PATENT  
REEL: 016248 FRAME: 0495

Assignment  
Page 3 of 3  
PD-03W155

Full Name of Inventor Kwang M. Cho	Inventor Signature <i>Kwang M. Cho</i>	Date Signed 10/18/04
Residence (City and State) 28730 Cedarbluff Drive, Rancho Palos Verdes, CA 90275-3116		Invention Agreement Date November 12, 1984

STATE OF California )COUNTY OF Los Angeles )

SS:

On 10-18-04 before me, Elaine Panousis, a Notary Public in and for said State,  
personally appeared Kwang M. Cho

☒ personally known to me or ☐ 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.

Notary Public

*Elaine Panousis*