

09-16-2003

Form PTO-1595
(Rev. 10/02)



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

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

102551683

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):

William H. Wellman - 9-12-03

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 08/21/2003

2. Name and address of receiving party(ies)

Name: Raytheon Company

Internal Address: _____

Office of the General Counsel

Street Address: 141 Spring Street

City: Lexington State: MA Zip: 02421

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

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

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

A. Patent Application No.(s) 10/423,504

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: EO/E04/N119

Intellectual Property & Licensing

Street Address: 2000 East El Segundo Boulevard

P. O. Box 902

City: El Segundo State: CA Zip: 90245

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

2003 SEP 12 AM 8:31
OPR/FINANCE

09/15/2003 DBYRNE 00000034 500616 10423504

DO NOT USE THIS SPACE

01 FC:80219. Signat 40.00 DA

William C. Schubert (Reg. 30,102)

Name of Person Signing

W C Schubert
Signature

September 4, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 8

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 014483 FRAME: 0731

RECORDATION FORM COVER SHEET - ATTACHMENT

PATENTS ONLY

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

<p>1. Name of conveying party(ies): Joseph F. Borchard</p> <p>Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: <u>Raytheon Company</u></p> <p>Internal Address: _____ <u>Office of the General Counsel</u></p> <p>Street Address: <u>141 Spring Street</u></p> <p>City: <u>Lexington</u> State: <u>MA</u> Zip: <u>02421</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>07/02/2003</u></p>	

<p>1. Name of conveying party(ies): Douglas W. Anderson</p> <p>Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: <u>Raytheon Company</u></p> <p>Internal Address: _____ <u>Office of the General Counsel</u></p> <p>Street Address: <u>141 Spring Street</u></p> <p>City: <u>Lexington</u> State: <u>MA</u> Zip: <u>02421</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>07/02/2003</u></p>	

ASSIGNMENT**Attorney Docket No. 03W003**

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)

**Optical System for a Wide Field of View Staring Infrared Sensor Having
Improved Optical Symmetry**

for which application for Letters Patent of the United States has been executed by me, or *(if the following is completed)* was filed on April 25, 2003, as Application No. 10/423,504, and

WHEREAS, RAYTHEON COMPANY (hereinafter referred to as RAYTHEON), 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, 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: Optical System for a Wide Field of View Staring Infrared Sensor Having Improved Optical Symmetry

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR William H. Wellman	INVENTOR'S SIGNATURE <i>William H Wellman</i>	DATE SIGNED <i>21 Aug 03</i>
RESIDENCE (CITY AND STATE) Santa Barbara, California		INVENTION AGREEMENT DATE 7 November 1988

STATE OF CALIFORNIA)
) SS:
 COUNTY OF SANTA BARBARA)

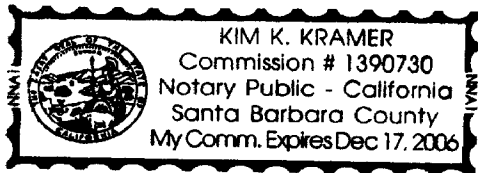
On August 21, 2003, before me, Kim Kramer, a
 Notary Public in and for said State, personally appeared WILLIAM H. WELLMAN

personally known to me or proved to me on the basis of satisfactory evidence to be
 the person(s) whose name(s) (s) 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 Kim Kramer

[seal]



Title: Optical System for a Wide Field of View Staring Infrared Sensor Having Improved Optical Symmetry

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR Joseph F. Borchard	INVENTOR'S SIGNATURE <i>Joseph F. Borchard</i>	DATE SIGNED 7/2/03
RESIDENCE (CITY AND STATE) McKinney, Texas 75070		INVENTION AGREEMENT DATE 03 March 1980

STATE OF TEXAS)
COUNTY OF Dallas) SS:

On 7-2-03, 2003, before me, Ruth Aguilar, a Notary Public in and for said State, personally appeared JOSEPH F. BORCHARD 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 *Ruth Aguilar*

