

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

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

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Docket No. 04w083

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Daniel B. Chasman
Michael Leal
Stephen D. Haight

Execution Date(s) Chasman 4/20/05; Leal & Haight - 4/20/05

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

3. Nature of conveyance:

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

2. Name and address of receiving party(ies)

Name: Raytheon Company

Internal Address: _____

Street Address: 870 Winter Street

City: Waltham

State: Massachusetts

Country: USA Zip: 02451-1449

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

11/113,511

Additional numbers attached? ☐ Yes ☒ No

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

Name: Jonathan A. Platt, Reg. No. 41,255

Internal Address: Renner, Otto, Boisselle
& Sklar, LLP

Street Address: 1621 Euclid Avenue
Nineteenth Floor

City: Cleveland

State: Ohio Zip: 44115

Phone Number: 216-621-1113

Fax Number: 216-621-6165

Email Address: _____

6. Total number of applications and patents involved:

1

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

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 18-0988

Authorized User Name _____
Jonathan A. Platt

9. Signature:



Signature

May 11, 2005

Date

Jonathan A. Platt, Reg. No. 41,255

Name of Person Signing

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

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

700178583

PATENT
REEL: 016211 FRAME: 0977

CH \$40.00 180988 11113511

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, the undersigned:

Daniel B. Chasman, 1877 N. Marble Ridge Place, Tucson, Arizona 85715

Michael Leal, 4910 N. Cord Lane, Tucson, Arizona 85749

Stephen D. Haight, 5218 West Bobwhite Way, Tucson, Arizona 85742

hereby sell and assign to Raytheon Company, a corporation of Delaware, having a place of business at 870 Winter Street, Waltham, Massachusetts 02451-1449, its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions entitled

MISSILE CONTROL SYSTEM AND METHOD

for which application for United States Letters Patent has been filed on 4/25/05 under Serial No. 11/113,511, or was executed by the undersigned on the date below and is being filed concurrently herewith, or is a provisional patent application filed on _____ under Serial No. _____ or concurrently herewith, said application for United States Letters Patent, any and all other applications for Letters Patent on said inventions in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all

documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this assignment document when that information becomes available.

Signed:

Date:


Daniel B. Chasman

4/20/05


Michael Leal

4/21/05


Stephen D. Haight

4/20/05

CERTIFICATE OF ACKNOWLEDGMENT

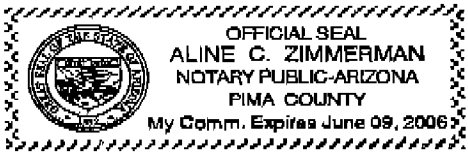
State of Arizona

County of Pima

On 4/20/04 before me David C. Zimmerman Notary Public
Name and Title of Officer (e.g., "Janie Doe, Notary Public")

personally appeared Daniel B. Chasman
Name(s) of Signer(s)

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.



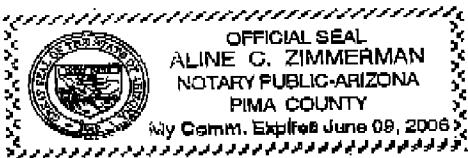
WITNESS my hand and official seal.


Signature of Notary Public

CERTIFICATE OF ACKNOWLEDGMENT

State of Arizona
County of Pima
On 4/21/05 before me, _____
Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared Michael Seal
Name(s) of Signer(s)

☐ 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.

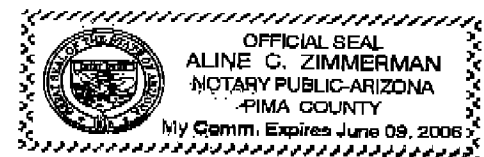


WITNESS my hand and official seal.
Aline C. Zimmerman
Signature of Notary Public

CERTIFICATE OF ACKNOWLEDGMENT

State of Arizona
County of Pima
On 4/20/05 before me, Aline C. Zimmerman Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared Stephen W. Hight
Name(s) of Signer(s)

☐ 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.
Aline C. Zimmerman
Signature of Notary Public