

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 1547.086US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Frederick A. Ahrens, Jay A. Stern, Timothy K.
Kirchhoff, Mark P. Slivinski, Terrence J. Wolfe, Vernon
A. Mickle, Arthur D. Dilley, Daniel F. Cheeseman,
Timothy M. Minahen

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

3. Nature of conveyance:

[X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other

Execution Date: March 18, 2010, March 22, 2010,
March 24, 2010, March 24, 2010, March 18, 2010,
March 23, 2010, March 18, 2010, March 24, 2010,
March 19, 2010

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

Name: Ravtheon CompanyStreet Address: 870 Winter StreetCity: Waltham State: MA Zip: 02451-1449Country: United States of America

Additional name(s) & address(es) attached? [] Yes [X] 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)

B. Patent No.(s)

Serial No. 12/713,400, filed February 26, 2010

Additional numbers attached? [] Yes [X] No

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

Name: Gregory J. Gorrie

Address:

Schwegman, Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, MN 55402-0938

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00

[] Enclosed

[X] Authorized to be charged to deposit account
19-07438. Please charge any additional fees or credit any over
payments to our Deposit Account No.: 19-0743

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.

Gregory J. Gorrie/Reg. No. 36,530

Name of Person Signing

Gregory J. Gorrie

Signature

May 27, 2010

Date

Total number of pages including cover sheet: 12

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

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

700437943

PATENT
REEL: 024460 FRAME: 0952

CH \$40.00 190743 12713400

Attorney Docket No. 1547.086US1
Client Ref. No. 07W134US1

ASSIGNMENT

WHEREAS, We, Frederick A. Ahrens, residing at 9290 Jessy Lane, Tucson, AZ 85742, and Jay A. Stern, residing at 10620 N. Stargazer Dr., Oro Valley, AZ 85737, and Timothy K. Kirchhoff, residing at 9961 Coca St., Alta Loma, CA 91737-2901, and Mark P. Slivinski, residing at 10901 E. Placita Marimba, Tucson, AZ 85730-5826, and Terrence J. Wolfe, residing at 944 S. Lucinda Dr., Tucson, AZ 85748, and Vernon A. Mickle, residing at 7077 N. Avenida Adella, Tucson, AZ 85741, and Arthur D. Dilley, residing at 1050 S. Bill Martin Dr., Apt. 13102, Tucson, AZ 85745-5159, and Daniel F. Cheeseman, residing at 1462 N. Coral Bells Dr., Tucson, AZ 85745-5215, and Timothy M. Minahen, residing at 8791 E. Bear Paw Pl., Tucson, AZ 85749-8334, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent on February 26, 2010, which application was assigned U.S. patent application serial number 12/713,400, and is entitled INTEGRATED AIRPORT DOMAIN AWARENESS RESPONSE SYSTEM, SYSTEM FOR GROUND-BASED TRANSPORTABLE DEFENSE OF AIRPORTS AGAINST MANPADS, AND METHODS;

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Raytheon Company (the "Assignee"), a corporation of the State of Delaware, having a place of business at 870 Winter Street, Waltham, MA 02451-1449, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 85851 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

Additional Application Information

U.S. Provisional Application Serial No. 61/155,614, filed on February 26, 2009.

ASSIGNMENT

Client Ref. No. 07W134US1

Assignors: Frederick A. Ahrens et al.

Docket No: 1547.086US1

Serial Number: 12/713,400

Title: INTEGRATED AIRPORT DOMAIN AWARENESS RESPONSE SYSTEM, SYSTEM FOR GROUND-BASED
TRANSPORTABLE DEFENSE OF AIRPORTS AGAINST MANPADS, AND METHODS

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No International or foreign claim for priority is being made at this time.

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

ASSIGNMENT

Client Ref. No. 07W134US1

Docket No: 1547.086US1

Assignors: Frederick A. Ahrens et al.

Serial Number: 12/713,400

Title: INTEGRATED AIRPORT DOMAIN AWARENESS RESPONSE SYSTEM, SYSTEM FOR GROUND-BASED
TRANSPORTABLE DEFENSE OF AIRPORTS AGAINST MANPADS, AND METHODS

Page 3 of 11

IN TESTIMONY WHEREOF, I have hereunto set my hand this 18th day ofMarch, 2010.

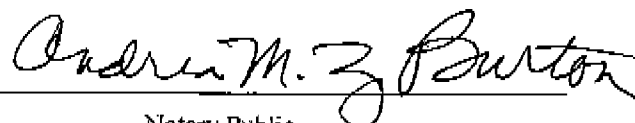
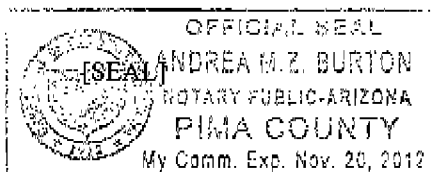
Frederick A. Ahrens

STATE OF ARIZONA)

)ss

COUNTY OF PIMA)

On this 18th day of MARCH, 2010 before me personally appeared
Frederick A. Ahrens, to me known and known to me to be the person described in and who
executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the
same for the uses and purposes therein set forth.



Notary Public

ASSIGNMENT

Client Ref No. 07W134US1


Docket No: 1547.086US1

Assignors: Frederick A. Ahrens et al.

Serial Number: 12/713,400

Title: INTEGRATED AIRPORT DOMAIN AWARENESS RESPONSE SYSTEM, SYSTEM FOR GROUND-BASED
TRANSPORTABLE DEFENSE OF AIRPORTS AGAINST MANPADS, AND METHODS

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 day ofMarch, 2010.

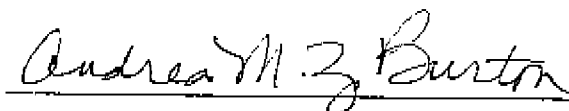
Jay A. Stern

STATE OF ARIZONA)

)ss

COUNTY OF PIMA)

On this 22nd day of MARCH, 2010 before me personally appeared Jay A. Stern, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Notary Public

ASSIGNMENT

Client Ref. No. 07W134US1

Docket No: 1547.086US1

Assignors: Frederick A. Ahrens et al.

Serial Number: 12/713,400

Title: INTEGRATED AIRPORT DOMAIN AWARENESS RESPONSE SYSTEM, SYSTEM FOR GROUND-BASED
TRANSPORTABLE DEFENSE OF AIRPORTS AGAINST MANPADS, AND METHODS

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Inventor: 3:

(Signature):

Name: Timothy K. Kirchhoff

Date: 24 March 2010

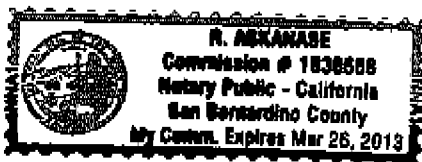
STATE OF CALIFORNIA)

COUNTY OF San BernardinoOn this 24th day of March, 2010 before me,

R. Askase, Notary Public, personally appeared Timothy K. Kirchhoff, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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.



[SEAL]

R. Askase
Notary Public

ASSIGNMENT

Client Ref. No. 07W134US1

Assignors: Frederick A. Ahrens et al.

Docket No: 1547,086US1

Serial Number: 12/713,400

Title: INTEGRATED AIRPORT DOMAIN AWARENESS RESPONSE SYSTEM, SYSTEM FOR GROUND-BASED TRANSPORTABLE DEFENSE OF AIRPORTS AGAINST MANPADS, AND METHODS

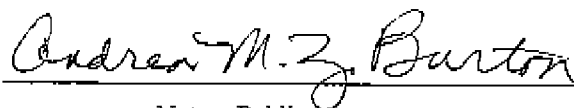
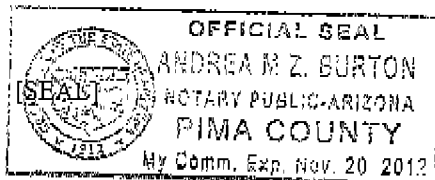
Page 6 of 11

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24 day ofMARCH, 2010.

Mark P. Slivinski

STATE OF ARIZONA)COUNTY OF PIMA) ss

On this 24th day of MARCH, 2010 before me personally appeared Mark P. Slivinski, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Notary Public

PATENT

REEL: 024460 FRAME: 0958

ASSIGNMENT

Client Ref. No. 07W134US1

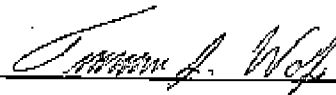
Docket No: 1547,086US1

Assignors: Frederick A. Ahrens et al.

Serial Number: 12/713,400

Title: INTEGRATED AIRPORT DOMAIN AWARENESS RESPONSE SYSTEM, SYSTEM FOR GROUND-BASED
TRANSPORTABLE DEFENSE OF AIRPORTS AGAINST MANPADS, AND METHODS

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 18 day ofMARCH, 2010.

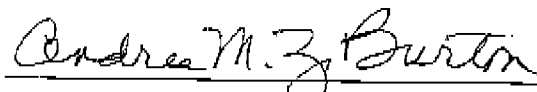
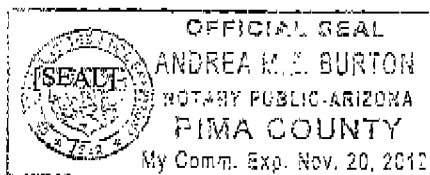
Terrence J. Wolfe

STATE OF ARIZONA)

)ss

COUNTY OF PIMA)

On this 18th day of MARCH, 2010 before me personally appeared Terrence J. Wolfe, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Notary Public

ASSIGNMENT

Client Ref. No. 07W134US1

Docket No: 1547.086US1

Assignors: Frederick A. Ahrens et al.

Serial Number: 12/713,400

Title: INTEGRATED AIRPORT DOMAIN AWARENESS RESPONSE SYSTEM, SYSTEM FOR GROUND-BASED
TRANSPORTABLE DEFENSE OF AIRPORTS AGAINST MANPADS, AND METHODS

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 23 day ofMarch, 2010.

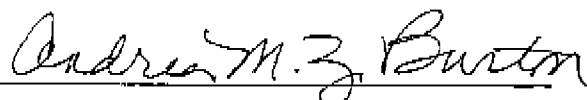
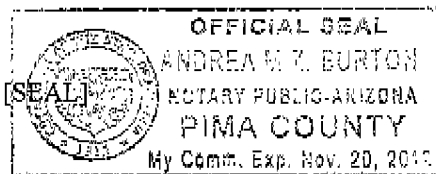
Vernon A. Mickle

STATE OF ARIZONA)

)ss

COUNTY OF PIMA)

On this 23rd day of MARCH, 2010 before me personally appeared Vernon A. Mickle, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Notary Public

ASSIGNMENT

Client Ref. No. 07W134US1

Docket No. 1547.086US1

Assignors: Frederick A. Ahrens et al.

Serial Number. 12/713,400

Title: INTEGRATED AIRPORT DOMAIN AWARENESS RESPONSE SYSTEM, SYSTEM FOR GROUND-BASED
TRANSPORTABLE DEFENSE OF AIRPORTS AGAINST MANPADS, AND METHODS

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 18th day ofMarch, 2010.

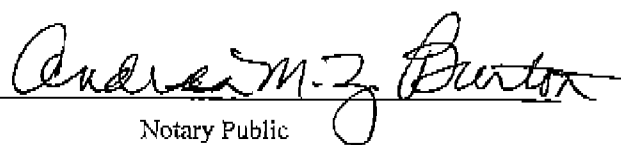
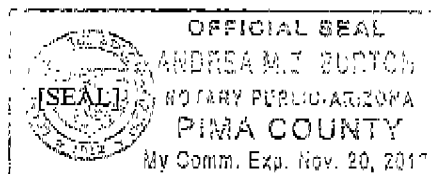
Arthur D. Dilley

STATE OF ARIZONA)

)ss

COUNTY OF PIMA)

On this 18th day of MARCH, 2010 before me personally appeared
Arthur D. Dilley, to me known and known to me to be the person described in and who executed
the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for
the uses and purposes therein set forth.



Notary Public

ASSIGNMENT

Client Ref. No. 07W134US1

Docket No: 1547,086US1

Assignors: Frederick A. Ahrens et al.

Serial Number: 12/713,400

Title: INTEGRATED AIRPORT DOMAIN AWARENESS RESPONSE SYSTEM, SYSTEM FOR GROUND-BASED
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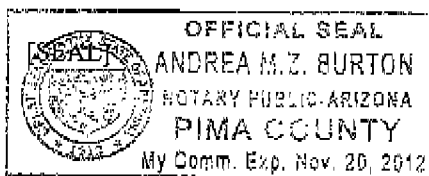
Page 10 of 11

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24th day ofMarch, 2010.

Daniel F. Cheeseman

STATE OF ARIZONA)COUNTY OF PIMA)ss

On this 24th day of MARCH, 2010 before me personally appeared Daniel F. Cheeseman to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Notary Public

ASSIGNMENT

Client Ref. No. 07WJ34US1

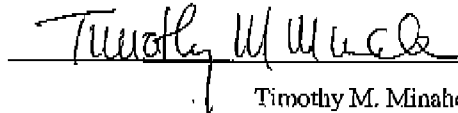
Docket No: 1547.086US1

Assignors: Frederick A. Ahrens et al.

Serial Number: 12/713,400

Title: INTEGRATED AIRPORT DOMAIN AWARENESS RESPONSE SYSTEM, SYSTEM FOR GROUND-BASED
TRANSPORTABLE DEFENSE OF AIRPORTS AGAINST MANPADS, AND METHODS

Page 11 of 11

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19 day ofMARCH, 2010.

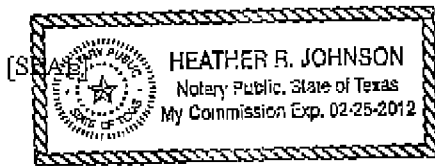
Timothy M. Minahen

STATE OF TEXAS)

)ss

COUNTY OF DALLAS)

On this 19 day of MARCH, 2010 before me personally appeared Timothy M. Minahen, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.


Notary Public