

07/15/2011

Docket No.: RAY-234J (10-0667)

ET

U.S. DEPARTMENT OF COMMERCE
Patent

To the Director of the United States Patent

103629021

attached documents or the new address(es) below.

1. Name of conveying party(ies):

Fraser Smith
Stephen C. Jacobsen

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

Name: Raytheon Company

Address: 870 Winter Street

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): June 13, 2011; June 23, 2011

☐ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☒ Other Corrective Assignment to correct the

City: Waltham

State/Prov.: MA

Country: US

ZIP: 02451

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

4. Application or patent numbers(s):

A. Patent Application No. (s)

12/800,486

This document is being filed together with a new application.

B. Patent No.(s)



Additional numbers attached? ☐ Yes ☒ No

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

Name: Roy J. Coleman

Registration No.: 48,863

Address: Iandiorio Teska & Coleman

255 Bear Hill Road

City: Waltham

State/Prov.: MA

Country: US

ZIP: 02451

Phone Number: (781) 890-5678

Fax Number: (781) 890-1150

Email Address:

6. Total number of applications and patents involved: one (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 E

07/Expiration Date 00000015 12000486

b. Deposit Account Number 09-0002 40.00 DP

Authorized User Name

Roy J. Coleman

9. Signature:

Signature

Roy J. Coleman

Name of Person Signing

Date

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

Documents to be recorded (including cover sheet) should be faxed to (571)273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 026661 FRAME: 0584

TO: ROY J. COLEMAN COMPANY: IANDIORIO TESKA & COLEMAN

JUN-28-2011 TUE 02:44 PM IANDIORIO TESKA COLEMAN

FAX NO. 7818901150

P. 02

Docket No.: RAY-234J (10-0067)

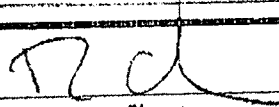
FORM PTO-1995 (Modified)
(Rev. 03-09)
OMB No. 0651-0027 (exp. 3/31/2009)
POBA/REV08

RECORDATION COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENTS ONLY

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

1. Name of conveying party(ies): Fraser Smith Steven C. Jacobsen		2. Name and address of receiving party(ies): Name: <u>Raytheon Company</u> Address: <u>870 Winter Street</u> City: <u>Waltham</u> State/Prov.: <u>MA</u> Country: <u>US</u> ZIP: <u>02451</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance/Execution Date(s): Execution Date(s): <u>June 13, 2011; June 23, 2011</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other		4. Application or patent numbers(s): A. Patent Application No. (s) <u>12/800,486</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Roy J. Coleman</u> Registration No.: <u>48,863</u> Address: <u>Iandiorio Teska & Coleman</u> <u>255 Bear Hill Road</u> City: <u>Waltham</u> State/Prov.: <u>MA</u> Country: <u>US</u> ZIP: <u>02451</u> Phone Number: <u>(781) 890-5678</u> Fax Number: <u>(781) 890-1150</u> Email Address: _____		6. Total number of applications and patents involved: <u>one (1)</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>09-0002</u> Authorized User Name <u>Roy J. Coleman</u>	
9. Signature:  Signature <u>Roy J. Coleman</u> Name of Person Signing Date <u>6/28/11</u> Total number of pages including cover sheet, attachments, and document: <u>5</u>			

Documents to be recorded (including cover sheet) should be faxed to (571)273-0140, or mailed to:
Mail Stop Assignment Recordation Service, Director of the USPTO, P.O. Box 1430, Alexandria, VA 22313-1430

PATENT

ASSIGNMENT

WHEREAS, we, the signatories hereto, have invented an improvement entitled VESSEL HULL ROBOT NAVIGATION SYSTEM (Raytheon Case No. 10-0667) and have executed an application for United States patent based thereon on the date set forth below;

WHEREAS, RAYTHEON COMPANY, of Lexington, Massachusetts 02421, U.S.A., a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, U.S.A., is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, we have agreed to and do hereby sell, assign and transfer unto said corporation the entire right, title and interest, in and throughout the world, in and to said invention, said application and any and all patents (including extensions thereof) of any country, which have been or may be granted on said invention or any part thereof, or on said application or any divisional, continuing, substitute or reissue application based in whole thereon, or based upon said invention, and without limiting the generality of the foregoing, we also do hereby sell, assign and transfer unto said corporation all our rights under the International Convention and all other treaties of like purpose, in respect of said invention and application, and we authorize said corporation to apply for patents on said invention or any part thereof, in all countries, claiming the priority of the filing date of said application in the United States of America under the provisions of said international Convention or any such other treaty;

TO BE HELD AND ENJOYED by said corporation, its successors and assigns to the full ends of the respective terms for which said patents or any of them have been or may be granted, as fully and entirely as the same would have been held and enjoyed by me had no sale, assignment or transfer of said right, title or interest been made;

AND I do hereby authorize and request the Commissioner of Patents of the United States of America and the corresponding Office of each country foreign thereto to issue any and all United States and foreign patents which may be granted upon said applications or any of them in the United States and all other countries, or upon said invention or any part thereof, to said corporation, its successors or assigns.

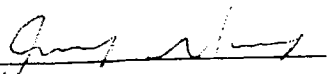
AND we hereby agree for ourselves and for our heirs, executors and administrators, to execute without additional consideration any further lawful documents and any further assurances, and any applications for patents of any country, that might be deemed necessary by said corporation, its successors or assigns, fully to secure to said corporation its successors or assigns, its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them, all, however, at the expense of said corporation, its successors or assigns.

AND we hereby covenant for ourselves and our legal representatives, and agree with said corporation, its successors and assigns, that we have granted no right or license to make, use or sell said invention to anyone except said corporation, that prior to the execution of this our right, title and interest in said invention had not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

PATENT

IN WITNESS WHEREOF, I, Stephen C. Jacobsen have hereunto set my hand and
affixed my seal this 23 day of June, 2011.


Stephen C. Jacobsen

Witness: 

Signature

Print Name: JEREMY GUEKERITZ

Date: 6/23/11

Witness: 

Signature

Print Name: Stephanie Briffiths

Date: 6/23/11

RAY-234J
Raytheon Case No. 10-0667
KT/nle

ASSIGNMENT

WHEREAS, we, the signatories hereto, have invented an improvement entitled VESSEL HULL ROBOT NAVIGATION SYSTEM (Raytheon Case No. 10-0667) and have executed an application for United States patent based thereon on the date set forth below;

WHEREAS, RAYTHEON COMPANY, of Lexington, Massachusetts 02421, U.S.A., a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, U.S.A., is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, we have agreed to and do hereby sell, assign and transfer unto said corporation the entire right, title and interest, in and throughout the world, in and to said invention, said application and any and all patents (including extensions thereof) of any country, which have been or may be granted on said invention or any part thereof, or on said application or any divisional, continuing, substitute or reissue application based in whole thereon, or based upon said invention, and without limiting the generality of the foregoing, we also do hereby sell, assign and transfer unto said corporation all our rights under the International Convention and all other treaties of like purpose, in respect of said invention and application, and we authorize said corporation to apply for patents on said invention or any part thereof, in all countries, claiming the priority of the filing date of said application in the United States of America under the provisions of said international Convention or any such other treaty;

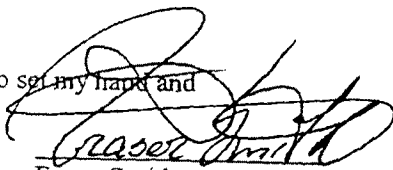
TO BE HELD AND ENJOYED by said corporation, its successors and assigns to the full ends of the respective terms for which said patents or any of them have been or may be granted, as fully and entirely as the same would have been held and enjoyed by me had no sale, assignment or transfer of said right, title or interest been made;

AND I do hereby authorize and request the Commissioner of Patents of the United States of America and the corresponding Office of each country foreign thereto to issue any and all United States and foreign patents which may be granted upon said applications or any of them in the United States and all other countries, or upon said invention or any part thereof, to said corporation, its successors or assigns.

AND we hereby agree for ourselves and for our heirs, executors and administrators, to execute without additional consideration any further lawful documents and any further assurances, and any applications for patents of any country, that might be deemed necessary by said corporation, its successors or assigns, fully to secure to said corporation its successors or assigns, its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them, all, however, at the expense of said corporation, its successors or assigns.

AND we hereby covenant for ourselves and our legal representatives, and agree with said corporation, its successors and assigns, that we have granted no right or license to make, use or sell said invention to anyone except said corporation, that prior to the execution of this our right, title and interest in said invention had not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I, Fraser Smith have hereunto set my hand and
affixed my seal this 13th day of JUNE, 2011.

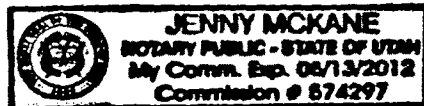

Fraser Smith

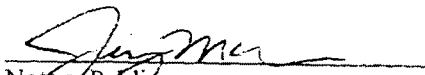
ACKNOWLEDGMENT

State of Utah }
County of Salt Lake }

On this 13th day of June, 2011, before me, a Notary Public within this state,
personally appeared the above-named Fraser Smith personally known by me to be the identified
person named in and who executed the foregoing instrument, and subscribed the same in my
presence, and acknowledged that he/she executed the same as his/her voluntary and free act and
deed.

[Notary's
seal here]




Notary Public
My commission expires: 5/13/12

Raytheon Case No. 10-0667

PATENT