

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Thomas S. Wiggin	09/04/2008
David A. Sharp	09/08/2008
Marc A. Brown	09/04/2008
Christopher C. Mello	09/09/2008
Frank H. Hitzke	09/23/2008
David A. Giroux	09/30/2008
Douglas L. Veilleux II	09/05/2008
Emily J. Pikor	09/08/2008
Edward M. Gaboriault Jr.	09/05/2008

**RECEIVING PARTY DATA**

Name:	Raytheon Company
Street Address:	870 Winter Street
City:	Waltham
State/Country:	MASSACHUSETTS
Postal Code:	02451-1449

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12207762

**CORRESPONDENCE DATA**

Fax Number: (781)401-9966  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 7814019988  
 Email: mhw@dc-m.com  
 Correspondent Name: Daly, Crowley, Mofford & Durkee, LLP  
 Address Line 1: 354A Turnpike Street, Suite 301A  
 Address Line 4: Canton, MASSACHUSETTS 02021

CH \$40.00 12207762

ATTORNEY DOCKET NUMBER:	RTN-423PUS
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NAME OF SUBMITTER:	Kermit Robinson
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**Total Attachments: 42**

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## ASSIGNMENT

Whereas we, the undersigned, Thomas S. Wiggin, David A. Sharp, Marc A. Brown, Christopher C. Mello, Frank H. Hitzke, David A. Giroux, Douglas L. Veilleux II, Emily J. Pikor, and Edward M. Gaboriault Jr. hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled ANCHOR CONTAINING A SELF DEPLOYING MOORING SYSTEM AND METHOD OF AUTOMATICALLY DEPLOYING THE MOORING SYSTEM FROM THE ANCHOR, identified as Attorney Docket No. RTN-423PUS, and Client Case No. 07E235/US/BAS, which application was executed on September 5, 2008, September 8, 2008, September 4, 2008, September 9, 2008, September 7, 2008, September 13, 2008, September 5, 2008, September 8, 2008, and September 5, 2008 (respectively) and filed on September 10, 2008, and assigned Application No. 12/207,762. In the event that the execution date, filing date and/or Application No. are not entered above or are incorrect at the time we executed this document, and if such information is deemed necessary, we hereby authorize and request our attorneys at DALY, CROWLEY, MOFFORD & DURKEE, LLP, 354A Turnpike Street, Suite 301A, Canton, MA 02021-2714, to insert above the execution date, filing date and/or Application No. of said application.

Whereas, RAYTHEON COMPANY, a Delaware Corporation having a place of business at 870 Winter Street, Waltham, MA 02451-1449, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent and any provisional applications from which priority is claimed in said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

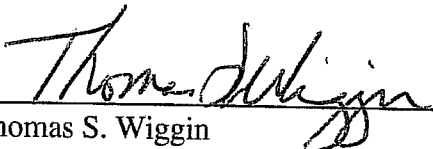
5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have each executed this Assignment under seal on the date indicated next to each of our respective names.

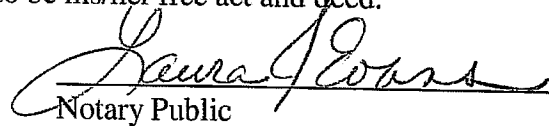
State or Commonwealth of Rhode Island

County Newport

Dated 4 September 2008

  
Thomas S. Wiggin

On this 4 day of September, 2008, before me appeared Thomas S. Wiggin, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

  
Notary Public

Laura J. Evans exp 4-14-2010  
Printed Name of Notary Public

(seal)

State or Commonwealth of Rhode Island

County Newport

Dated Sept. 8, 2008

[Signature]  
David A. Sharp

On this 8<sup>th</sup> day of September, 2008, before me appeared David A. Sharp, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

**Gina-Marie Ciaccio**  
**Notary Public of Rhode Island**  
**Expires on 03/04/2010**  
(seal)

Gina-Marie Ciaccio  
Notary Public

Gina-Marie Ciaccio  
Printed Name of Notary Public

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Marc A. Brown

On this \_\_\_\_ day of \_\_\_\_\_, 2008, before me appeared Marc A. Brown, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Christopher C. Mello

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Christopher C. Mello, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Frank H. Hitzke

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Frank H. Hitzke, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
David A. Giroux

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared David A. Giroux, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

\_\_\_\_\_  
Date \_\_\_\_\_  
Douglas L. Veilleux II

Commonwealth of Massachusetts }  
County of \_\_\_\_\_ } SS.

On this the \_\_\_\_\_ day of \_\_\_\_\_, 2008, before me, \_\_\_\_\_,  
Day Month Name of Notary  
the undersigned Notary Public, personally appeared Douglas L. Veilleux II,  
Name of Inventor  
proved to me through satisfactory evidence of identity, which was/were \_\_\_\_\_

\_\_\_\_\_  
(Description of Evidence of Identity)

to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for this stated purpose.

\_\_\_\_\_  
Signature of Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

My Commission Expires \_\_\_\_\_

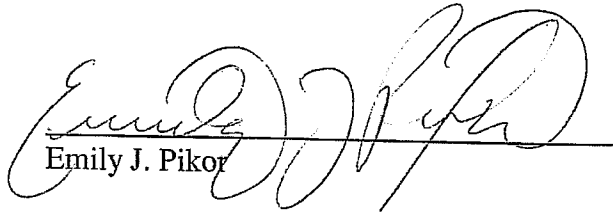
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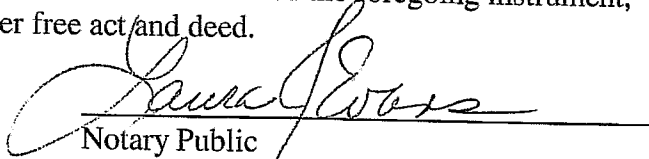
State or Commonwealth of Rhode Island

County Newport

Dated 8 Sept 2008

  
Emily J. Pikor

On this 8<sup>th</sup> day of September, 2008, before me appeared Emily J. Pikor, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

  
Notary Public

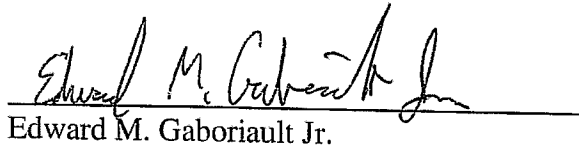
Laura J. Evans Exp 4-11-10  
Printed Name of Notary Public

(seal)

~~State~~ or Commonwealth of Rhode Island

County Newport

Dated Sept. 5, 2008

  
Edward M. Gaboriault Jr.

On this 5<sup>th</sup> day of September, 2008, before me appeared Edward M. Gaboriault Jr., to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

  
Notary Public

Gina-Marie Ciaccio  
Printed Name of Notary Public

(seal)

## ASSIGNMENT

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2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have each executed this Assignment under seal on the date indicated next to each of our respective names.

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Thomas S. Wiggin

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Thomas S. Wiggin, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
David A. Sharp

On this \_\_\_\_ day of \_\_\_\_\_, 2008, before me appeared David A. Sharp, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of Arizona

County Pima

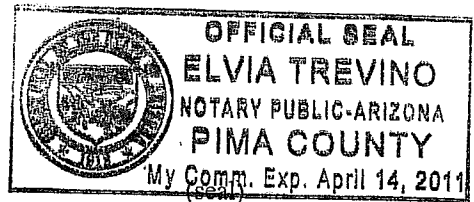
Dated 9-4-2008

Marc A. Brown  
Marc A. Brown

On this 4 day of Sept, 2008, before me appeared Marc A. Brown, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

Elvia Trevino  
Notary Public

Elvia Trevino  
Printed Name of Notary Public



State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Christopher C. Mello

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Christopher C. Mello, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Frank H. Hitzke

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Frank H. Hitzke, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
David A. Giroux

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared David A. Giroux, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Douglas L. Veilleux II

Commonwealth of Massachusetts }  
County of \_\_\_\_\_ } SS.

On this the \_\_\_\_\_ day of \_\_\_\_\_, 2008, before me, \_\_\_\_\_,  
Day Month Name of Notary

the undersigned Notary Public, personally appeared \_\_\_\_\_,  
Name of Inventor Douglas L. Veilleux II

proved to me through satisfactory evidence of identity, which was/were \_\_\_\_\_

\_\_\_\_\_  
(Description of Evidence of Identity)

to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for this stated purpose.

\_\_\_\_\_  
Signature of Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

Place Notary Seal and/or Any Stamp Above

My Commission Expires \_\_\_\_\_

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Emily J. Pikor

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\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Edward M. Gaboriault Jr.

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\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)



## A S S I G N M E N T

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4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

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State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Thomas S. Wiggin

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Thomas S. Wiggin, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
David A. Sharp

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared David A. Sharp, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

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\_\_\_\_\_  
Marc A. Brown

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Marc A. Brown, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Christopher C. Mello

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Christopher C. Mello, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

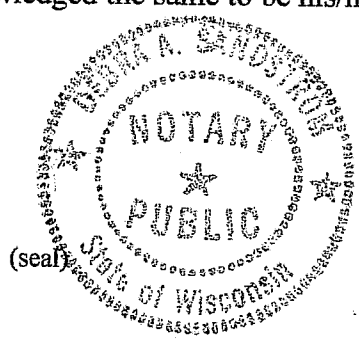
State or Commonwealth of Wisconsin

County Washburn

Dated 9/23/08

\_\_\_\_\_  
Frank H. Hitzke

On this 23 day of September, 2008, before me appeared Frank H. Hitzke, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.



\_\_\_\_\_  
Debra A. Sandstrom  
Notary Public

\_\_\_\_\_  
Debra A. Sandstrom  
Printed Name of Notary Public

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
David A. Giroux

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared David A. Giroux, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Douglas L. Veilleux II

Commonwealth of Massachusetts }  
County of \_\_\_\_\_ } SS.

On this the \_\_\_\_\_ day of \_\_\_\_\_, 2008, before me, \_\_\_\_\_,  
Day Month Name of Notary

the undersigned Notary Public, personally appeared \_\_\_\_\_,  
Name of Inventor Douglas L. Veilleux II

proved to me through satisfactory evidence of identity, which was/were \_\_\_\_\_

\_\_\_\_\_  
(Description of Evidence of Identity)

to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for this stated purpose.

\_\_\_\_\_  
Signature of Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

Place Notary Seal and/or Any Stamp Above

My Commission Expires \_\_\_\_\_

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Emily J. Pikor

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Emily J. Pikor, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Edward M. Gaboriault Jr.

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Edward M. Gaboriault Jr., to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

## A S S I G N M E N T

Whereas we, the undersigned, Thomas S. Wiggin, David A. Sharp, Marc A. Brown, Christopher C. Mello, Frank H. Hitzke, David A. Giroux, Douglas L. Veilleux II, Emily J. Pikor, and Edward M. Gaboriault Jr. hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled ANCHOR CONTAINING A SELF DEPLOYING MOORING SYSTEM AND METHOD OF AUTOMATICALLY DEPLOYING THE MOORING SYSTEM FROM THE ANCHOR, identified as Attorney Docket No. RTN-423PUS, and Client Case No. 07E235/US/BAS, which application was executed on September 5, 2008, September 8, 2008, September 4, 2008, September 9, 2008, September 7, 2008, September 13, 2008, September 5, 2008, September 8, 2008, and September 5, 2008 (respectively) and filed on September 10, 2008, and assigned Application No. 12/207,762. In the event that the execution date, filing date and/or Application No. are not entered above or are incorrect at the time we executed this document, and if such information is deemed necessary, we hereby authorize and request our attorneys at DALY, CROWLEY, MOFFORD & DURKEE, LLP, 354A Turnpike Street, Suite 301A, Canton, MA 02021-2714, to insert above the execution date, filing date and/or Application No. of said application.

Whereas, RAYTHEON COMPANY, a Delaware Corporation having a place of business at 870 Winter Street, Waltham, MA 02451-1449, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent and any provisional applications from which priority is claimed in said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;



4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have each executed this Assignment under seal on the date indicated next to each of our respective names.

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Thomas S. Wiggin

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Thomas S. Wiggin, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
David A. Sharp

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared David A. Sharp, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Marc A. Brown

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Marc A. Brown, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Christopher C. Mello

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Christopher C. Mello, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Frank H. Hitzke

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Frank H. Hitzke, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of RHODE ISLAND

County NEWPORT

Dated 9/30/2008

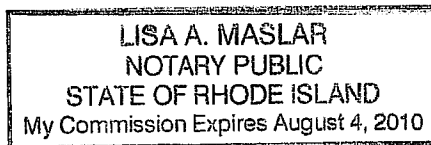
David A. Giroux  
David A. Giroux

On this 30 day of Sept, 2008, before me appeared David A. Giroux, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

Lisa A. Maslar  
Notary Public

LISA A maslar  
Printed Name of Notary Public

(seal)



\_\_\_\_\_  
Date \_\_\_\_\_  
Douglas L. Veilleux II

Commonwealth of Massachusetts }  
County of \_\_\_\_\_ } SS.

On this the \_\_\_\_\_ day of \_\_\_\_\_, 2008, before me, \_\_\_\_\_,  
Day Month Name of Notary

the undersigned Notary Public, personally appeared \_\_\_\_\_,  
Name of Inventor

proved to me through satisfactory evidence of identity, which was/were \_\_\_\_\_

\_\_\_\_\_  
(Description of Evidence of Identity)

to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for this stated purpose.

\_\_\_\_\_  
Signature of Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

Place Notary Seal and/or Any Stamp Above

My Commission Expires \_\_\_\_\_

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Emily J. Pikor

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Emily J. Pikor, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Edward M. Gaboriault Jr.

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Edward M. Gaboriault Jr., to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

## ASSIGNMENT

Whereas we, the undersigned, Thomas S. Wiggin, David A. Sharp, Marc A. Brown, Christopher C. Mello, Frank H. Hitzke, David A. Giroux, Douglas L. Veilleux II, Emily J. Pikor, and Edward M. Gaboriault Jr. hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled ANCHOR CONTAINING A SELF DEPLOYING MOORING SYSTEM AND METHOD OF AUTOMATICALLY DEPLOYING THE MOORING SYSTEM FROM THE ANCHOR, identified as Attorney Docket No. RTN-423PUS, and Client Case No. 07E235/US/BAS, which application was executed on September 5, 2008, September 8, 2008, September 4, 2008, September 9, 2008, September 7, 2008, September 13, 2008, September 5, 2008, September 8, 2008, and September 5, 2008 (respectively) and filed on September 10, 2008, and assigned Application No. 12/207,762. In the event that the execution date, filing date and/or Application No. are not entered above or are incorrect at the time we executed this document, and if such information is deemed necessary, we hereby authorize and request our attorneys at DALY, CROWLEY, MOFFORD & DURKEE, LLP, 354A Turnpike Street, Suite 301A, Canton, MA 02021-2714, to insert above the execution date, filing date and/or Application No. of said application.

Whereas, RAYTHEON COMPANY, a Delaware Corporation having a place of business at 870 Winter Street, Waltham, MA 02451-1449, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent and any provisional applications from which priority is claimed in said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have each executed this Assignment under seal on the date indicated next to each of our respective names.

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Thomas S. Wiggin

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Thomas S. Wiggin, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)



State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
David A. Sharp

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared David A. Sharp, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Marc A. Brown

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Marc A. Brown, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

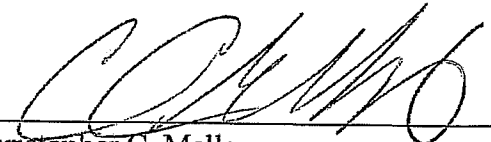
\_\_\_\_\_  
Printed Name of Notary Public

(seal)

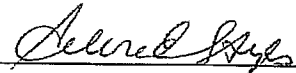
State or Commonwealth of Rhode Island

County Newport

Dated 9-9-2008

  
\_\_\_\_\_  
Christopher C. Mello

On this 9th day of September, 2008, before me appeared Christopher C. Mello, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

  
\_\_\_\_\_  
Notary Public

SILVIA A. STYLES  
Printed Name of Notary Public  
Term expires 9-6-2012

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Frank H. Hitzke

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Frank H. Hitzke, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
David A. Giroux

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared David A. Giroux, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Douglas L. Veilleux II

Commonwealth of Massachusetts }  
County of \_\_\_\_\_ } SS.

On this the \_\_\_\_\_ day of \_\_\_\_\_, 2008, before me, \_\_\_\_\_,  
Day Month Name of Notary

the undersigned Notary Public, personally appeared \_\_\_\_\_,  
Douglas L. Veilleux II  
Name of Inventor

proved to me through satisfactory evidence of identity, which was/were \_\_\_\_\_

\_\_\_\_\_  
(Description of Evidence of Identity)

to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for this stated purpose.

\_\_\_\_\_  
Signature of Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

Place Notary Seal and/or Any Stamp Above

My Commission Expires \_\_\_\_\_

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Emily J. Pikor

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Emily J. Pikor, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Edward M. Gaboriault Jr.

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Edward M. Gaboriault Jr., to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

## ASSIGNMENT

Whereas we, the undersigned, Thomas S. Wiggin, David A. Sharp, Marc A. Brown, Christopher C. Mello, Frank H. Hitzke, David A. Giroux, Douglas L. Veilleux II, Emily J. Pikor, and Edward M. Gaboriault Jr. hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled ANCHOR CONTAINING A SELF DEPLOYING MOORING SYSTEM AND METHOD OF AUTOMATICALLY DEPLOYING THE MOORING SYSTEM FROM THE ANCHOR, identified as Attorney Docket No. RTN-423PUS, and Client Case No. 07E235/US/BAS, which application was executed on September 5, 2008, September 8, 2008, September 4, 2008, September 9, 2008, September 7, 2008, September 13, 2008, September 5, 2008, September 8, 2008, and September 5, 2008 (respectively) and filed on September 10, 2008, and assigned Application No. 12/207,762. In the event that the execution date, filing date and/or Application No. are not entered above or are incorrect at the time we executed this document, and if such information is deemed necessary, we hereby authorize and request our attorneys at DALY, CROWLEY, MOFFORD & DURKEE, LLP, 354A Turnpike Street, Suite 301A, Canton, MA 02021-2714, to insert above the execution date, filing date and/or Application No. of said application.

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1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent and any provisional applications from which priority is claimed in said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have each executed this Assignment under seal on the date indicated next to each of our respective names.

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Thomas S. Wiggin

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Thomas S. Wiggin, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
David A. Sharp

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared David A. Sharp, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Marc A. Brown

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Marc A. Brown, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)



State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Christopher C. Mello

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Christopher C. Mello, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Frank H. Hitzke

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Frank H. Hitzke, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
David A. Giroux

On this \_\_\_\_ day of \_\_\_\_\_, 2008, before me appeared David A. Giroux, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

9/5/08  
Date

Douglas L. Veilleux II  
Douglas L. Veilleux II

Commonwealth of Massachusetts }  
County of Plymouth } SS.

On this the 5th day of SEPTEMBER, 2008, before me, JUSTINE C. CONTI  
Day Month Name of Notary  
the undersigned Notary Public, personally appeared Douglas L. Veilleux II,  
Name of Inventor

proved to me through satisfactory evidence of identity, which was/were \_\_\_\_\_  
MASS. DRIVERS LIC  
(Description of Evidence of Identity)

to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for this stated purpose.

Justine C. Conti  
Signature of Notary Public  
JUSTINE C. CONTI  
Printed Name of Notary Public

Place Notary Seal and/or Any Stamp Above

My Commission Expires 12/03/10



State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Emily J. Pikor

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Emily J. Pikor, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Edward M. Gaboriault Jr.

On this \_\_\_ day of \_\_\_\_\_, 2008, before me appeared Edward M. Gaboriault Jr., to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary Public

(seal)