502006767 07/30/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Charles L. Horvath	07/27/2012
Preston Powell	07/29/2012

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:	13561415

CORRESPONDENCE DATA

 Fax Number:
 7814019966

 Phone:
 7814019988

 Email:
 mhw@dc-m.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: Daly, Crowley, Mofford & Durkee, LLP

Address Line 1: 354A Turnpike Street

Address Line 2: Suite 301A

Address Line 4: Canton, MASSACHUSETTS 02021-2714

ATTORNEY DOCKET NUMBER:	RTN-796AUS
NAME OF SUBMITTER:	Paul F. Lewkowicz

Total Attachments: 4

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> PATENT REEL: 028676 FRAME: 0480

ASSIGNMENT

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

For valuable consideration furnished by Assignee to Assignor(s), receipt and sufficiency of which Assignor(s) hereby acknowledge, Assignor(s) 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, any and all other patent applications (including without limitation utility models, provisionals, designs, plants and any other such intellectual property) on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, reexamination 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 patent applications and said Letters Patent and all rights to claim or sue for prior damages;
- Authorize Assignee to file said patent applications in any or all countries on any or all of said inventions and discoveries in the name of Assignor(s) or in the name of Assignee or otherwise as Assignee may deem advisable, under any international conventions, international treaties, 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:

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- 4. Confirm that Assignor(s) 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
- 5. Bind heirs, legal representatives and assigns of Assignor(s), as well as Assignor(s), to do, upon Assignee's request, all acts reasonable to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by Assignor(s) or heirs, legal representatives and assigns of Assignor(s) 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 Assignor(s) relating to said inventions and discoveries or the history thereof; and to furnish Assignee, upon request, with any and all relevant documents, photographs, models, samples and other physical exhibits in control of Assignor(s) or in the control of heirs, legal representatives or assigns of Assignor(s).

Assignor(s) accept the terms of this Assignment as indicated by their signature below.

[Signatures on following pages]

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PATENT REEL: 028676 FRAME: 0482

PATENT ASSIGNMENT Attomey Docket No. RTN-796AUS Client Case No. 10-1240-US-NP

Accepted by: Dated: <u>July 27 201</u> 2	Charles L. Horvath
Witnessed by: Dated: 7/27/2012	アンプノ 人人 First Witness Signature ではいると、こと First Witness Printed Name
Dated: <u>1-37-30/2</u>	Second Witness Signature Janette In a Janety Second Witness Printed Name

PATENT ASSIGNMENT Attorney Docket No. RTN-796AUS Client Case No. 10-1240-US-NP

Accepted by:	
Dated: <u>7-29-20/2</u>	Presión Powell
Witnessed by:	
Dated: <u>7/29/20/2</u>	First Witness Printed Name
Dated:	Second Witness Signature 140 Ch 11000 Second Witness Printed Name
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PATENT REEL: 028676 FRAME: 0484

RECORDED: 07/30/2012