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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID AARON GIANETTO	03/14/2017
STEPHANIE SHARO CHIESI	03/15/2017

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:	15460443				

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	1547.602US1
NAME OF SUBMITTER:	KASIE A. BOSMA
SIGNATURE:	/Kasie A. Bosma/
DATE SIGNED:	03/20/2017

Total Attachments: 5

source=1547602US1Assignment#page1.tif source=1547602US1Assignment#page2.tif source=1547602US1Assignment#page3.tif source=1547602US1Assignment#page4.tif source=1547602US1Assignment#page5.tif

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 16-8819-US-NP (1547.602US1) 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): 2. Name and address of receiving party(ies): David Aaron Gianetto, Stephanie Sharo Chiesi Name: Raytheon Company Additional name(s) of conveying party(ies) attached? Street Address: 870 Winter Street City: Waltham State: MA Zip: 02451-1449 []Yes [X]No Country: <u>United States of America</u> 3. Nature of conveyance: Additional name(s) & address(es) attached? []Yes [X]No [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: March 14, 2017, March 15, 2017 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. 15/460,443 Additional numbers attached? []Yes [X]No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41):\$ 0.00 Name: Brent K. Whitlock []Enclosed Address: []Authorized to be charged to deposit account 19-Schwegman Lundberg & Woessner, P.A. 0743 P.O. Box 2938 Minneapolis, MN 55402--0938 8. 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. /Brent K. Whitlock/ March 17, 2017 Brent K. Whitlock/Reg. No. 61,371 Date Name of Person Signing Signature Total number of pages including cover sheet: 5 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

ASSIGNMENT and DECLARATION

I/we,	the	undersign	ed, <u>Da</u>	<u>vid A</u>	aron	Gianet	<u>to, S</u>	Stephar	nie S	<u>Sharo</u>	Chie	<u>esi,</u>
("Assignor(s	s)"), h	iave made	certain	inven	tions	or disco	overie	s (or l	both)	set f	orth ir	ı a
patent appli	ication	n entitled,	SYST	EMS	<u>AND</u>	METH	<u>ODS</u>	FOR	GEI	<i>VERA</i>	TING	<u> </u>
PROPERTY	GRA	PH DATA	MODEL	REP	RESE	NTING	AS'	YSTEM	1 ARC	CHITE	CTUP	₹E,
identified as	Atto	rney Docki	et No. j	16-881	9-US-	NP (15	47.60	<u> </u>	, whi	ch ap	oplicat	ion
was filed on			a	nd ass	signed	Applica	ation	No				3
In the event	that th	ne executio	n date,	filing c	late ar	nd/or Ap	plica	tion No	. are	not e	ntered	l or
are incorrec	t at	the time A	Assignor	(s) ex	ecute	d this	docu	ment,	Assig	nor(s) here	eby
authorize an	d req	uest an at	torney	of Ass	ignee	to inse	ert the	inforn	natior	orr	nake 1	the
correction.	•		-		-							

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;
- 2. 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 Assigner(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;

- 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.

Further, each Assignor individually, as a named inventor, hereby declares:

- a) The above-identified application was made or authorized to be made by me;
- b) I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified application; and
- c) I hereby acknowledge that any willful false statement made in this declaration is punishable under § 1001 of Title 18 of the United States Code by fine or imprisonment of not more than five (5) years, or both.

Each Assignor individually, as a named inventor, also states:

I have reviewed and understand the contents of the above-identified application.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to the patentability of the above-identified application.

[Signatures on following pages]

PATENT ASSIGNMENT and DECLARATION Attorney Docket No. 16-8819-US-NP (1547.602US1)

Accepted by:	4.
Dated: 3/14/2017	David Aaron Gianetto
Witnessed by:	
Dated: 3-14-17	<u>Jac S. Z.</u> [Witness' Signature]
	Gail Ecten [Witness' Printed Name]
Daled: 3-14-17	Witness' Signature] Vay Facies Witness' Printed Name]

PATENT ASSIGNMENT and DECLARATION Attorney Docket No. 16-8819-US-NP (1547.602US1)

Accepted by:	
Dated: 3//5 /2017	<u>Holano Mass</u> Chiesi Stephanie Sharo Chiesi
Witnessed by:	
Dated: <u>03/15-/-2017</u>	[Witness' Signature]
	HS/W = Fu 4/4 [Witness' Printed Name]
Dated:is=Meach=\\\\	[Witness' Signature]
	<u>Πάνω Ν. Ηω</u> [Witness' Printed Name]

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