05-17-2005 Atty Dkt No.: RTN-227BUS Form **PTO-1595** U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) 103004130 Tab settings ⇒ ⇒ ⇒ To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Michael E. Levesque Name: Raytheon Company Richard T. Custer Internal Address: Additional name(s) of conveying party(ies) attached? 🔲 Yes 🔀 No 3. Nature of conveyance: □ Merger Assignment Street Address: 870 Winter Street **Security Agreement** Change of Name Waltham State: MA Zip: 02451 Execution Date: May 3, 2005, May 3, 2005 Additional name(s) & address(es) attached? 🖳 Yes 💹 No 4. Application number(s) or patent number(s): 05/09/2005 If this document is being filed together with a new application, the execution date of the application is: 05/09/2005 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? 🖳 Yes 🔣 No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$40.00 Daly, Crowley, Mofford & Durkee, LLP Enclosed Internal Address:_____ Authorized to be charged to deposit account 8. Deposit account number: Street Address: 354A Turnpike Street - Suite 301A 500845 (Attach duplicate copy of this page if paying by deposit account) Canton State: MA Zip: 02021-2714 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.

Kermit Robinson

48,734

Name of Person Signing

Signature

//m/11, 2003

Total number of pages including cover sheet, attachments, and documents

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

05/13/2005 TBESHAH1 00000016 11126559 05 FC:8021 40.

40.00 OP

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PATENT

REEL: 016557 FRAME: 0063

ASSIGNMENT

Whereas we, the undersigned, Michael E. Levesque and Richard T. Custer, hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled EVENT DETECTION MODULE, identified as Attorney Docket No. RTN-227BUS and Client Case No. 02E100B which application was executed on May 9 2005 and May 9 2005 and filed on May 11, 2005 and Assigned Application No. ______ and filed on May 11, 2005 and Assigned Application No. ______ the event that the execution date, filing date and/or Application No. are not entered above 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, 275 Turnpike Street, Suite 101, Canton, MA 02021-2354, 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;
- 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;

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PATENT Atty. Docket No. RTN-227BUS Client Case No. 02E100B

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.

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PATENT REEL: 016557 FRAME: 0065 In testimony of which we have each executed this Assignment on the date indicated next to each of our respective names.

State or Commonwealth of Rhode Island	
County Newport	
Dated May 3, 2005	Michael E. Levesque
On this 3 day of 7000, 200 to me known and known to me as the person describing instrument, and he she acknowledged the same to be	obed in and who executed the foregoing bed is free act and deed.
	Mary Louise Sullivar Notary Public MARY LOUISE SULLIVAN My Commission Expires: 6/14/06
State or Gommonwealth of Rhode Island County Newport Dated May 3, 2005	Richard T. Custer
On this 3 day of	
	,

9727

RECORDED: 05/11/2005

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PATENT REEL: 016557 FRAME: 0066