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| | TS ONLY |
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| | ase record the attached documents or the new address(es) below. |
| Name of conveying party(ies) Kent Burr Adrian Ivan | Name and address of receiving party(ies) Name: General Electric Company |
| James Leblanc | Internal Address: |
| Additional name(s) of conveying party(ies) attached? Yes N 3. Nature of conveyance/Execution Date(s): Execution Date(s) 10/21/2005; 10/21/2005 | Street Address: 1 River Road |
| Assignment Merger Security Agreement Change of Name | City: Schenectady |
| Joint Research Agreement Government Interest Assignment | State: New York |
| Executive Order 9424, Confirmatory License Other | Country: USA Zip: 12345 Additional name(s) & address(es) attached? Yes V No |
| Additional numbers a | ttached? Yes VNo |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 1 |
| Name: Patrick S. Yoder | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 |
| Internal Address: FLETCHER YODER P.O. Box 692289, Houston, Texas 77269-2289 | Authorized to be charged by credit card Authorized to be charged to deposit account |
| Street Address: 7915 FM 1960 West, Suite 330 | Enclosed None required (government interest not affecting title |
| City: Houston | 8. Payment Information |
| State: Texas Zip: 77070 | a. Credit Card Last 4 Numbers Expiration Date |
| Phone Number: (281) 970-4545 Fax Number: (281) 970-4503 | b. Deposit Account Number 07-0868/177997-1/YOD |
| Email Address:yoder@fyiplaw.com | Authorized User Name Patrick S. Yoder |
| 9. Signature: | October 24, 2005 |
| Patrick S. Yoder Name of Person Signing | Total number of pages including cover sheet, attachments, and documents: |

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, V.A. 22313-1450

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Form **PTO-1595** (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)

PATENT REEL: 017141 FRAME: 0776

DOCKET NUMBER: 177997-1

ASSIGNMENT

In accordance with my/our obligations under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between the General Electric Company, a New York Corporation, and my employer), and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

Kent BurrofLatham, New YorkAdrian IvanofNiskayuna, New YorkJames LeblancofNiskayuna, New York

hereby sell and assign to General Electric Company, a New York Corporation, (hereinafter referred to as Assignee) having an address at 1 River Road, Schenectady, New York 12345, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled:

TIME-OF-FLIGHT CAPABLE HIGH RESOLUTION PET DETECTOR

| executed co | ncurrently herewith, |
|-------------|----------------------|
| filed on | having Serial Number |

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Assignee, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I/we will communicate to said Assignee or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

Page I of 4

DOCKET NUMBER: 177997-1

| INVENTOR 1 | | | |
|-----------------------|---|--------------------------|----------------------|
| Signature: Kent Bu | | Date: | 21/2005 |
| Witnessed by: | Signature | Date: | 121/05 |
| Witnessed by: | Tean K. Testa Inted Name of Witness Signature Signature HORT Inted Name of Witness | Date: <u>/0/2</u> | 1/05 |
| SECTION BELOV | W IS FOR USE ONLY IF | SIGNING IN PRESENC | |
| STATE OF COUNTY OF | §§. | | |
| Kent Burr, to me po | , 2005 lersonally known as the ind to me that he/she execut forth. | ividual who executed the | foregoing assignment |
| Seal | | (Notary Public) | |
| | | | |

Page 2 of 4

Assignment v2.0, 09/05, MFG

DOCKET NUMBER: 177997-1

| INVENTOR 2 | | | | | |
|---|--|--|--------------------------------|--|--------------------------|
| | Jrauff an Ivan | | Date: | 10/21/05 | |
| Witnessed by: _ | Gen X In the Signature | <u> </u> | Date: | 10/21/05 | |
| Witnessed by: | Printed Name of Witness Signature Swatthan Sta | | Date:/ | 10/21/05 | |
| SECTION BEI | LOW IS FOR USE O | NLY IF SIGNIN Date: | | ESENCE OF A NOTA | ARY |
| STATE OF COUNTY OF | 8 | §§. | | | |
| This day Adrian Ivan, to rail who acknowled purposes therein | ged to me that he/sh | , 2005 before meas the individual value executed the s | e personal who execu same of h | lly came the above-namented the foregoing assignis/her own free will | ned gnment for the |
| Seal | _ | | (Notary F | Public) | _ |
| | | | | | |

Page 3 of 4

| INVENTOR 3 | |
|--|---|
| Signature: James Leblanc | Date: 10/21/05 |
| Witnessed by: Signature J. Eric Than | Date: 10/21/65 |
| Printed Name of Witnes Witnessed by: Signature | Date: 10/21/05 |
| Separthan St Printed Name of Witner | |
| SECTION BELOW IS FOR USE | ONLY IF SIGNING IN PRESENCE OF A NOTARY |
| | Date: |
| James Leblanc | |
| STATE OF COUNTY OF | §§. |
| James Leblanc, to me personally | before me personally came the above-named known as the individual who executed the foregoing that he/she executed the same of his/her own free will for |
| Seal | (Notary Public) |

Page 4 of 4

Assignment v2.0, 09/05, MFG

RECORDED: 10/24/2005

PATENT REEL: 017141 FRAME: 0780