

03-08-2004

Docket No. 139681-2

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

3.4.04



102687281

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Execution Date

FORREST FRANK HOPKINS

Dec. 19, 2003

PETER MICHAEL EDIC

Dec. 19, 2003

SAMIT KUMAR BASU

Dec. 20, 2003

BRUNO (NMN) DEMAN

Dec. 19, 2003

JAMES WALTER LEBLANC

Dec. 19, 2003

XIAOYE (NMN) WU

Dec. 19, 2003

DEBORAH JOY WALTER

Dec. 19, 2003

WILLIAM ROBERT ROSS

Dec. 20, 2003

COLIN RICHARD WILSON

Dec. 19, 2003

RICARDO SCOTT AVILA

Dec. 19, 2003

ROBERT AUGUST KAUCIC, JR.

Dec. 19, 2003

2. Name and address of receiving party(ies)

Name: General Electric Company

Internal Address: GEGR Patent Docket Room 4A59

PO Box 8

Street Address: One Research Circle

City: Schenectady State: NY ZIP: 12301

3. Nature of conveyance:

☒ Assignment

☐ Meger

☐ Security Agreement

☐ Change of Name

☐ Other

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date(a) of the application is (are) provided above

A. Patent Application No.(s)

10/743,195

B. Patent No. (s)

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: General Electric Company

Internal Address: GEGR Patent Docket Rm. 4A59

Bldg. K-1 Ross

PO Box 8

Street Address: One Research Circle

City: Schenectady State: NY Zip: 12301

6. Total number of application and patents involved: 1

7. Total fee (37 CFR 3.41) ..... \$40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number: 07-0868

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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.

William E. Powell, III  
Name of Person Signing

W.E. Powell, III  
Signature

3/1/04  
Date

03/05/2004 ECDOPER 00000076 070068 10743195

01 EC:8021

40.00 BA

Total number of pages including cover sheet, attachments and document 13

**ASSIGNMENT**

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we:

FORREST FRANK HOPKINS	of	SCOTIA, NY
PETER MICHAEL EDIC	of	ALBANY, NY
SAMIT KUMAR BASU	of	NISKAYUNA, NY
BRUNO (NMN) DE MAN	of	CLIFTON PARK, NY
JAMES WALTER LEBLANC	of	NISKAYUNA, NY
XIAOYE (NMN) WU	of	REXFORD, NY
DEBORAH JOY WALTER	of	BURNT HILLS, NY
WILLIAM ROBERT ROSS	of	SCOTIA, NY
COLIN RICHARD WILSON	of	NISKAYUNA, NY
RICARDO SCOTT AVILA	of	CLIFTON PARK, NY
ROBERT AUGUST KAUCIC, JR.	of	NISKAYUNA, NY

hereby sell and assign to General Electric Company, a New York Corporation, (hereinafter referred to as "Company"), its successors and assigns the entire right, title and interest in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled:

**SYSTEM AND METHOD FOR DETECTING AN OBJECT**

☐ Executed concurrently herewith, or

☒ Filed 12/22/04, Serial No. 10/743,195

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 Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I/we will communicate to said Company 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 Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

Inventor 1

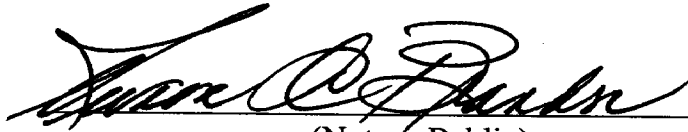
Forrest Frank Hopkins Date: Dec. 19, 2003  
**FORREST FRANK HOPKINS**

STATE OF NEW YORK                    )  
  )ss.  
COUNTY OF SCHENECTADY        )

This 19th day of December 2003 before me personally came the above named

**FORREST FRANK HOPKINS** to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

  
(Notary Public)

**VIVIAN D. BRANDON**  
Notary Public - State of New York  
Qualified in Albany County No. 4985535  
My Commission Expires August 19, 2005

139681-2

Inventor 2

Peter Michael Edic  
Peter M. Edic

Date: 12/19/03

PETER MICHAEL EDIC

SIGNED AT: Simi Valley, Ventura County, U.S.A  
City and Country

Witnessed by:

Nancy J. Edic  
Signature

Date: 12/19/03

Nancy J. Edic  
Printed Name of Witness

Witnessed by:

Joyce O. Strahl  
Signature

Date: 12-19-03

Joyce O. STRAHL  
Printed Name of Witness

3

Inventor 3

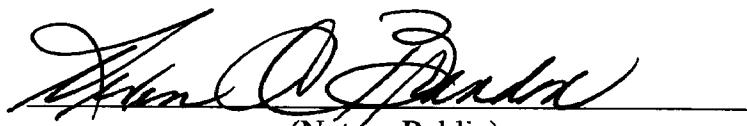
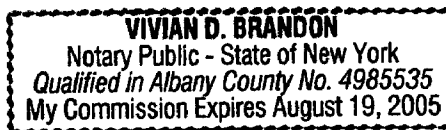
  
**SAMIT KUMAR BASU**Date: 12/20/2003

STATE OF NEW YORK                    )  
  )ss.  
COUNTY OF SCHENECTADY        )

This 20th day of December 2003 before me personally came the above named

**SAMIT KUMAR BASU** to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal


  
(Notary Public)

DEC 19 2003 15:30 FR GE CORPORATE R-D

5103977751 TO 80113226575510 P.01/02

139681-2

Inventor

  
BRUNO (NMN) DEMAN

Date:

19.12.03

SIGNED AT:

Hoeilaart  
City and Country

BELGIUM

Witnessed by:

Signature

Date:

19.12.03

Dr Bernard DE MAN

Printed Name of Witness

J. Steemanstraat 85  
3500 HOELAART  
☎ (02) 857 37 48  
1.08583 80 004

Witnessed by:

Signature

Date:

19.12.03

DEBOUT Imelda  
Printed Name of Witness

Inventor 5

James W. 2  
**JAMES WALTER LEBLANC**

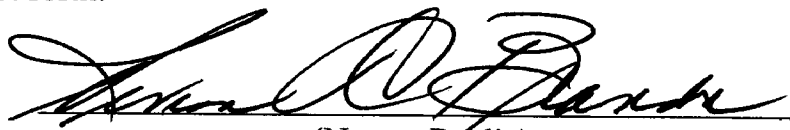
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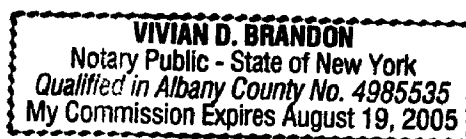
STATE OF NEW YORK                    )  
  )ss.  
COUNTY OF SCHENECTADY        )

This 19th day of December, 2003, before me personally came the above named

**JAMES WALTER LEBLANC** to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

  
(Notary Public)



Inventor 6

  
XIAOYE (NMN) WU


Date: 12/19/2003

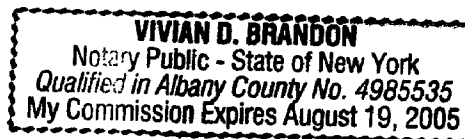
STATE OF NEW YORK                    )  
  )ss.  
COUNTY OF SCHENECTADY        )

This 19th day of December, 2003, before me personally came the above named

XIAOYE (NMN) WU to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

  
(Notary Public)





Inventor 7

Deborah Joy Walter  
**DEBORAH JOY WALTER**

Date: 12/19/03

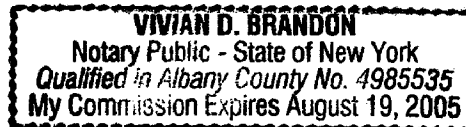
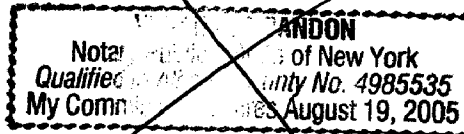
STATE OF NEW YORK                    )  
   )ss.  
 COUNTY OF SCHENECTADY        )

This 19<sup>th</sup> day of December, 2003, before me personally came the above named

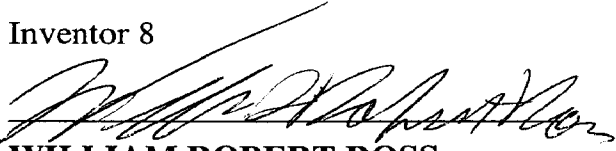
**DEBORAH JOY WALTER** to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

*[Signature]*  
 (Notary Public)



Inventor 8



**WILLIAM ROBERT ROSS**

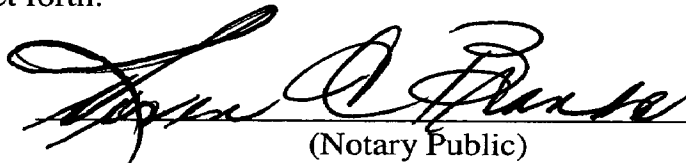
Date: 12/24/03

STATE OF NEW YORK                    )  
   )ss.  
 COUNTY OF SCHENECTADY        )

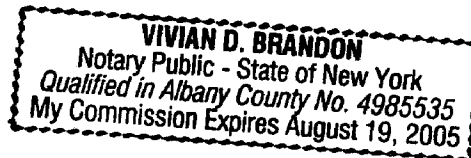
This 20th day of December, 2003, before me personally came the above named

**WILLIAM ROBERT ROSS** to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal




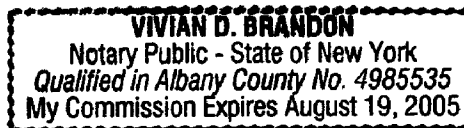
(Notary Public)



Inventor 9

Colin Richard WilsonDate: 19<sup>th</sup> December 2003.**COLIN RICHARD WILSON**STATE OF NEW YORK                   )  
  )ss.  
COUNTY OF SCHENECTADY        )This 19<sup>th</sup> day of December, 2003, before me personally came the above named**COLIN RICHARD WILSON** to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

  
(Notary Public)

Inventor 10


Ricardo Scott AvilaDate: 12/19/2003**RICARDO SCOTT AVILA**

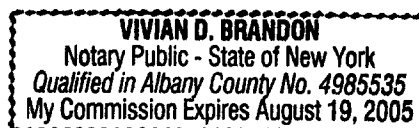
STATE OF NEW YORK                    )  
  )ss.  
COUNTY OF SCHENECTADY        )

This 19th day of December, 2003, before me personally came the above named

**RICARDO SCOTT AVILA** to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

  
(Notary Public)



Inventor 11

Robert August Kaucic, Jr.  
**ROBERT AUGUST KAUCIC, JR.**

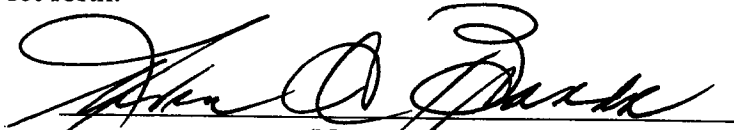
Date: 19 Dec 2003

STATE OF NEW YORK                    )  
  )ss.  
COUNTY OF SCHENECTADY        )

This 19th day of December, 2003, before me personally came the above named

**ROBERT AUGUST KAUCIC, JR.** to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

  
(Notary Public)

