

RECOR

12-03-2003

EET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Express Mail No.  
EL 977935715 US

11-19-03



102613742

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):  
Matthew William Turek, Joseph Leagrand Mundy,  
Tony Chi-shao Pan, Peter Henry Tu, James Vradenburg Miller,  
Robert August Kaucic, Jr., Xiaoye Wu,  
Paulo Ricardo dos Santos Mendonça

Additional name(s) of conveying party(ies) attached ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: GE Medical Systems Global Technology Company, LLC

Internal Address:

Street Address: 3000 North Grandview Boulevard

City: Waukesha State: WI ZIP: 53188

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: 10/31/03; 11/18/03; 11/01/03; 11/06/03;  
11/06/03; 11/07/03; 11/06/03; 11/06/03 respectively

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

10717861

If this document is being filed together with a new application, the execution date of the application is: 10/31/03; 11/18/03; 11/01/03;  
11/06/03; 11/06/03; 11/07/03; 11/06/03; 11/06/03 respectively

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: John S. Beulick

Internal Address: Armstrong Teasdale, LLP.

Street Address: One Metropolitan Sq. Suite 2600

City: St. Louis State: MO ZIP: 63102

6. Total number of applications 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:

01-2384

(Attach duplicate copy of this page if paying by deposit account)

12/02/2003 DBYRNE 00000168 012384 10717861

01 FC:8021

40.00 DA

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.

Alan L. Cassel, # 35,842  
Name of Person Signing

Alan Cassel  
Signature

November 19, 2003  
Date

Total number of pages including cover sheet, attachments, and document: 21

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 014740 FRAME: 0882

ASSIGNMENT	Attorney Docket No. 131894
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In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or goods and valuable consideration, of which we acknowledge receipt, we, **MATTHEW WILLIAM TUREK**, of 1 Summerwind Lane, Apartment C, Ballston Lake, New York 12019, **JOSEPH LEAGRAN MUNDY** of 72 Water Way, Barrington, Rhode Island 02806, **TONY CHISHAO PAN** of 2668 Village Pier Lane, Hilliard, Ohio 43026, **PETER HENRY TU** of 1365 Van Antwerp Road, E47, Schenectady, New York 12309, **JAMES VRADENBURG MILLER** of 8 Bonneau Road, Clifton Park, New York 12065, **ROBERT AUGUST KAUCIC, JR.** of 2078 Orchard Park Drive, Niskayuna, New York 12309, **XIAOYE WU** of 4 Partridge Glen, Rexford, New York 12148 and **PAULO RICARDO DOS SANTOS MENDONÇA**, of 9 Hollandale Lane, Apartment F, Clifton Park, New York 12065, sell and assign to **GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC**, a Delaware limited liability company, (hereinafter referred to as "Company"), its successors and assigns, our entire respective rights, titles and interests in and to the invention and improvements invented and originated by us and described in the application for United States Patent currently entitled **METHODS AND APPARATUS FOR PROCESSING IMAGE DATA TO AID IN DETECTING DISEASE**, Docket Number 131894, signed as of even date, 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 or 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, we will communicate to said Company or its representatives or nominees any facts known to 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.

PATENT

REEL: 014740 FRAME: 0883

ASSIGNMENT

Attorney Docket No.  
131894

October 31, 2003

Matthew William Turek  
MATTHEW WILLIAM TUREK

STATE OF New York )  
 )  
County of Schenectady ) ss.

This 31 day of October, 2003, before me personally came the above-named **MATTHEW WILLIAM TUREK**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My commission expires:

Kristine A. Thorne  
Notary Public

KRISTINE A. THORNE  
Notary Public, State Of New York  
Qualified In Saratoga County  
No. 01TH6024753  
Commission Expires May 17, 2007

May 17, 2007

\_\_\_\_\_, 2003

\_\_\_\_\_  
**JOSEPH LEAGRAN MUNDY**

STATE OF \_\_\_\_\_ )  
 )  
County of \_\_\_\_\_ ) ss.

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **JOSEPH LEAGRAN MUNDY**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My commission expires:

\_\_\_\_\_  
Notary Public

\_\_\_\_\_

ASSIGNMENT	Attorney Docket No. 131894
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Attorney Docket No.  
131894

STATE OF \_\_\_\_\_ )  
 )  
County of \_\_\_\_\_ ) SS.

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **TONY CHI-SHAO PAN**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

**My commission expires:**

Notary Public

\_\_\_\_\_, 2003

**PETER HENRY TU**

STATE OF \_\_\_\_\_ )  
 )  
County of \_\_\_\_\_ )      SS.

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **PETER HENRY TU**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

**My commission expires:**

Notary Public

**PATENT**  
**REEL: 014740 FRAME: 0885**

ASSIGNMENT	Attorney Docket No. 131894
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Attorney Docket No.  
131894

\_\_\_\_\_, 2003

**JAMES VRADENBURG MILLER**

STATE OF \_\_\_\_\_ )  
 )  
County of \_\_\_\_\_ )      **SS.**

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **JAMES VRADENBURG MILLER**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

**My commission expires:**

**Notary Public**

\_\_\_\_\_, 2003

**ROBERT AUGUST KAUCIC, JR.**

STATE OF \_\_\_\_\_ )  
 )  
County of \_\_\_\_\_ )      SS.

This \_\_\_\_ day of \_\_\_\_\_, 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 executed the same of his own free will for the purposes therein set forth.

**My commission expires:**

Notary Public

**PATENT**  
**REEL: 014740 FRAME: 0886**

ASSIGNMENT	Attorney Docket No. 131894
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ASSIGNMENT	Attorney Docket No. 131894
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\_\_\_\_\_, 2003

XIAOYE WU

STATE OF \_\_\_\_\_ )  
 )  
County of \_\_\_\_\_ )

**SS.**

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **XIAOYE WU**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

**My commission expires:**

Notary Public

\_\_\_\_\_, 2003

**PAULO RICARDO DOS SANTOS MENDONÇA**

STATE OF \_\_\_\_\_ )  
 )  
County of \_\_\_\_\_ )

**SS.**

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **PAULO RICARDO DOS SANTOS MENDONÇA**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

**My commission expires:**

Notary Public

ASSIGNMENT	Attorney Docket No. 131894
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In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or goods and valuable consideration, of which we acknowledge receipt, we, **MATTHEW WILLIAM TUREK**, of 1 Summerwind Lane, Apartment C, Ballston Lake, New York 12019, **JOSEPH LEAGRAN MUNDY** of 72 Water Way, Barrington, Rhode Island 02806, **TONY CHISHAO PAN** of 2668 Village Pier Lane, Hilliard, Ohio 43026, **PETER HENRY TU** of 1365 Van Antwerp Road, E47, Schenectady, New York 12309, **JAMES VRADENBURG MILLER** of 8 Bonneau Road, Clifton Park, New York 12065, **ROBERT AUGUST KAUCIC, JR.** of 2078 Orchard Park Drive, Niskayuna, New York 12309, **XIAOYE WU** of 4 Partridge Glen, Rexford, New York 12148 and **PAULO RICARDO DOS SANTOS MENDONÇA**, of 9 Hollandale Lane, Apartment F, Clifton Park, New York 12065, sell and assign to **GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC**, a Delaware limited liability company, (hereinafter referred to as "Company"), its successors and assigns, our entire respective rights, titles and interests in and to the invention and improvements invented and originated by us and described in the application for United States Patent currently entitled **METHODS AND APPARATUS FOR PROCESSING IMAGE DATA TO AID IN DETECTING DISEASE**, Docket Number 131894, signed as of even date, 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 or 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, we will communicate to said Company or its representatives or nominees any facts known to 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.

ASSIGNMENT

Attorney Docket No.  
131894

\_\_\_\_\_, 2003

**MATTHEW WILLIAM TUREK**

STATE OF \_\_\_\_\_ )  
 )  
County of \_\_\_\_\_ ) ss.

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **MATTHEW WILLIAM TUREK**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My commission expires:

\_\_\_\_\_  
Notary Public

\_\_\_\_\_, 2003

  
**JOSEPH LEAGRAN MUNDY**

STATE OF Rhode Island )  
 )  
County of Providence ) ss.

This 18th day of November, 2003, before me personally came the above-named **JOSEPH LEAGRAN MUNDY**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My commission expires:

  
Notary Public

6/30/04



ASSIGNMENT	Attorney Docket No. 131894
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\_\_\_\_\_, 2003

\_\_\_\_\_  
**TONY CHI-SHAO PAN**

STATE OF \_\_\_\_\_ )

County of \_\_\_\_\_ ) ss.

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **TONY CHI-SHAO PAN**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My commission expires:

\_\_\_\_\_  
Notary Public

\_\_\_\_\_, 2003

\_\_\_\_\_  
**PETER HENRY TU**

STATE OF \_\_\_\_\_ )

County of \_\_\_\_\_ ) ss.

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **PETER HENRY TU**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My commission expires:

\_\_\_\_\_  
Notary Public

ASSIGNMENT	Attorney Docket No. 131894
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ASSIGNMENT	Attorney Docket No. 131894
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\_\_\_\_\_, 2003

**JAMES VRADENBURG MILLER**

STATE OF \_\_\_\_\_ )  
 )  
County of \_\_\_\_\_ )      ss.

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **JAMES VRADENBURG MILLER**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My commission expires:

Notary Public

\_\_\_\_\_, 2003

**ROBERT AUGUST KAUCIC, JR.**

STATE OF \_\_\_\_\_ )  
 )  
County of \_\_\_\_\_ )      ss.

This \_\_\_\_ day of \_\_\_\_\_, 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 executed the same of his own free will for the purposes therein set forth.

**My commission expires:**

**Notary Public**

ASSIGNMENT	Attorney Docket No. 131894
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ASSIGNMENT	Attorney Docket No. 131894
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\_\_\_\_\_, 2003

XIAOYE WU

STATE OF \_\_\_\_\_ )

**SS.**

County of \_\_\_\_\_ )

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **XIAOYE WU**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

**My commission expires:**

Notary Public

\_\_\_\_\_, 2003

**PAULO RICARDO DOS SANTOS MENDONÇA**

STATE OF \_\_\_\_\_ )

**SS.**

County of \_\_\_\_\_ )

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **PAULO RICARDO DOS SANTOS MENDONÇA**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

**My commission expires:**

**Notary Public**

ASSIGNMENT	Attorney Docket No. 131894
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In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or goods and valuable consideration, of which we acknowledge receipt, we, **MATTHEW WILLIAM TUREK**, of 1 Summerwind Lane, Apartment C, Ballston Lake, New York 12019, **JOSEPH LEAGRAN MUNDY** of 72 Water Way, Barrington, Rhode Island 02806, **TONY CHISHAO PAN** of 2668 Village Pier Lane, Hilliard, Ohio 43026, **PETER HENRY TU** of 1365 Van Antwerp Road, E47, Schenectady, New York 12309, **JAMES VRADENBURG MILLER** of 8 Bonneau Road, Clifton Park, New York 12065, **ROBERT AUGUST KAUCIC, JR.** of 2078 Orchard Park Drive, Niskayuna, New York 12309, **XIAOYE WU** of 4 Partridge Glen, Rexford, New York 12148 and **PAULO RICARDO DOS SANTOS MENDONÇA**, of 9 Hollandale Lane, Apartment F, Clifton Park, New York 12065, sell and assign to **GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC**, a Delaware limited liability company, (hereinafter referred to as "Company"), its successors and assigns, our entire respective rights, titles and interests in and to the invention and improvements invented and originated by us and described in the application for United States Patent currently entitled **METHODS AND APPARATUS FOR PROCESSING IMAGE DATA TO AID IN DETECTING DISEASE**, Docket Number 131894, signed as of even date, 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 or 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, we will communicate to said Company or its representatives or nominees any facts known to 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.

PATENT

REEL: 014740 FRAME: 0893

ASSIGNMENT	Attorney Docket No. 131894
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ASSIGNMENT	Attorney Docket No. 131894
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\_\_\_\_\_, 2003

**MATTHEW WILLIAM TUREK**

STATE OF \_\_\_\_\_ )  
 )  
County of \_\_\_\_\_ )      SS.

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **MATTHEW WILLIAM TUREK**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My commission expires:

**Notary Public**

\_\_\_\_\_, 2003

**JOSEPH LEAGRAND MUNDY**

STATE OF \_\_\_\_\_ )  
 )  
County of \_\_\_\_\_ )      SS.

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **JOSEPH LEAGRAN MUNDY**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

**My commission expires:**

Notary Public

ASSIGNMENT

Attorney Docket No.  
131894

November 1, 2003

Tony Chi-Shao Pan  
TONY CHI-SHAO PAN

STATE OF OH )  
County of Franklin ) ss.

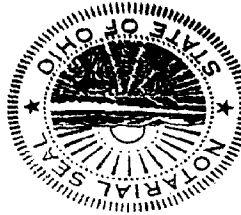
This 1 day of November, 2003, before me personally came the above-named **TONY CHI-SHAO PAN**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My commission expires:

Sept 2, 2008

Arthur Norman, Jr.  
Notary Public

ARTHUR NORMAN SR.  
Notary Public  
In and for the State of Ohio  
My Commission Expires  
Sept. 2, 2008



\_\_\_\_\_, 2003

PETER HENRY TU

STATE OF \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **PETER HENRY TU**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My commission expires:

\_\_\_\_\_

\_\_\_\_\_  
Notary Public

ASSIGNMENT	Attorney Docket No. 131894
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ASSIGNMENT	Attorney Docket No. 131894
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\_\_\_\_\_, 2003

**JAMES VRADENBURG MILLER**

STATE OF \_\_\_\_\_ )  
 )  
County of \_\_\_\_\_ )      **SS.**

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **JAMES VRADENBURG MILLER**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

**My commission expires:**

**Notary Public**

\_\_\_\_\_, 2003

**ROBERT AUGUST KAUCIC, JR.**

STATE OF \_\_\_\_\_ )  
 )  
County of \_\_\_\_\_ )      SS.

This \_\_\_\_ day of \_\_\_\_\_, 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 executed the same of his own free will for the purposes therein set forth.

**My commission expires:**

**Notary Public**

ASSIGNMENT

Attorney Docket No.  
131894

\_\_\_\_\_, 2003

**XIAOYE WU**

STATE OF \_\_\_\_\_ )  
County of \_\_\_\_\_ )

ss.

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **XIAOYE WU**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My commission expires:

\_\_\_\_\_  
Notary Public

\_\_\_\_\_, 2003

**PAULO RICARDO DOS SANTOS MENDONÇA**

STATE OF \_\_\_\_\_ )  
County of \_\_\_\_\_ )

ss.

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **PAULO RICARDO DOS SANTOS MENDONÇA**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My commission expires:

\_\_\_\_\_  
Notary Public



<p>ASSIGNMENT</p>	<p>Attorney Docket No. 131894</p>
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In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or goods and valuable consideration, of which we acknowledge receipt, we, **MATTHEW WILLIAM TUREK**, of 1 Summerwind Lane, Apartment C, Ballston Lake, New York 12019, **JOSEPH LEAGRAN MUNDY** of 72 Water Way, Barrington, Rhode Island 02806, **TONY CHISHAO PAN** of 2668 Village Pier Lane, Hilliard, Ohio 43026, **PETER HENRY TU** of 1365 Van Antwerp Road, E47, Schenectady, New York 12309, **JAMES VRADENBURG MILLER** of 8 Bonneau Road, Clifton Park, New York 12065, **ROBERT AUGUST KAUCIC, JR.** of 2078 Orchard Park Drive, Niskayuna, New York 12309, **XIAOYE WU** of 4 Partridge Glen, Rexford, New York 12148 and **PAULO RICARDO DOS SANTOS MENDONÇA**, of 9 Hollandale Lane, Apartment F, Clifton Park, New York 12065, sell and assign to **GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC**, a Delaware limited liability company, (hereinafter referred to as “Company”), its successors and assigns, our entire respective rights, titles and interests in and to the invention and improvements invented and originated by us and described in the application for United States Patent currently entitled **METHODS AND APPARATUS FOR PROCESSING IMAGE DATA TO AID IN DETECTING DISEASE**, **Docket Number 131894**, signed as of even date, 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 or 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, we will communicate to said Company or its representatives or nominees any facts known to 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.

ASSIGNMENT	Attorney Docket No. 131894
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Attorney Docket No.  
131894

\_\_\_\_\_, 2005

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**MATTHEW WILLIAM TUREK**

STATE OF \_\_\_\_\_ )  
 )  
County of \_\_\_\_\_ )      ss.

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **MATTHEW WILLIAM TUREK**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My commission expires:

Notary Public

\_\_\_\_\_, 2003

---

**JOSEPH LEAGRANDE MUNDY**

STATE OF \_\_\_\_\_ )  
 )  
County of \_\_\_\_\_ )      SS. \_\_\_\_\_

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **JOSEPH LEAGRAND MUNDY**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My commission expires:

---

Notary Public

**PATENT**  
**REEL: 014740 FRAME: 0899**

# ASSIGNMENT

Attorney Docket No.  
131894

\_\_\_\_\_, 2003

**TONY CHI-SHAO PAN**

STATE OF \_\_\_\_\_ )  
 )  
County of \_\_\_\_\_ ) ss.

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **TONY CHI-SHAO PAN**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My commission expires:

\_\_\_\_\_  
Notary Public


11/06 / \_\_\_\_\_, 2003

  
**PETER HENRY TU**

STATE OF NEW YORK )  
 )  
County of Schenectady ) ss.

This 6<sup>th</sup> day of November, 2003, before me personally came the above-named **PETER HENRY TU**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

**MARY McCREA McNAMARA**  
Notary Public in the State of New York  
My Commission Expires June 10, 2006

  
Notary Public

# ASSIGNMENT

Attorney Docket No.  
131894

11/6/2003, 2003

*James Vradenburg Miller*  
JAMES VRADENBURG MILLER

STATE OF NEW YORK )  
County of Schenectady ) SS.

This 6th day of November, 2003, before me personally came the above-named **JAMES VRADENBURG MILLER**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

MARY McCREA McNAMARA  
Notary Public in the State of New York  
My Commission Expires June 10, 2006  
01MC5061568

*Walter W. W. W.*  
Notary Public

7 Nov, 2003

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

STATE OF New York )  
County of Schenectady ) SS.

This 7th day of November, 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 executed the same of his own free will for the purposes therein set forth.

My commission expires:

7/31/05.

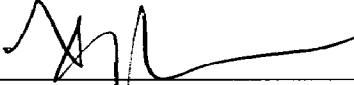
*Stephanie R. Ross*  
Notary Public

STEPHANIE R. ROSS  
Notary Public, State of New York  
Residing in Albany County  
My Commission Expires 7/31/05.

# ASSIGNMENT

Attorney Docket No.  
131894

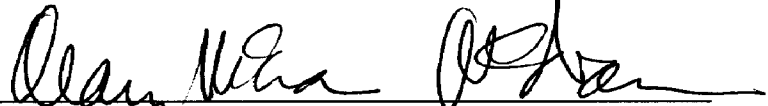
NOV 6, 2003

  
XIAOYE WU

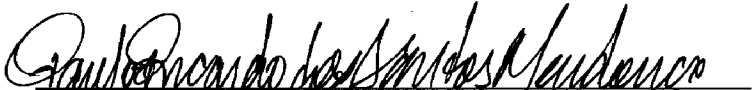
STATE OF NEW YORK )  
County of Schenectady ) ss.

This 6<sup>th</sup> day of November, 2003, before me personally came the above-named **XIAOYE WU**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

MARY McCREA McNAMARA  
Notary Public in the State of New York  
My Commission Expires June 10, 2006

  
Notary Public

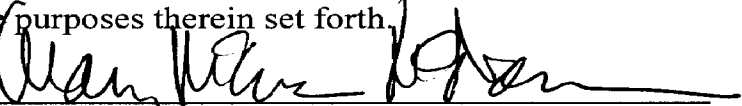
11/06, 2003

  
PAULO RICARDO DOS SANTOS MENDONÇA

STATE OF NEW YORK )  
County of Schenectady ) ss.

This 6<sup>th</sup> day of November, 2003, before me personally came the above-named **PAULO RICARDO DOS SANTOS MENDONÇA**, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

MARY McCREA McNAMARA  
Notary Public in the State of New York  
My Commission Expires June 10, 2006

  
Notary Public