

10-31-2005

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

Express Mail No. EV 679277046 U



fice

RECORDATION FORM COVER
PATENTS ONLY

103110052

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

QINGYING HU
KEVIN GEORGE HARDING
JOSEPH BENJAMIN ROSS
XIAOPING QIANAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 10-21-05, 10-21-05, 10-21-05, 10-22-05,
respectively

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Joint Research Agreement
- ☐ Government Interest Assignment
- ☐ Executive Order 9424, Confirmatory License
- ☐ Other _____

2. Name and address of receiving party(ies)

Name: General Electric Company

Internal Address: _____

Street Address: 1 River RoadCity: SchenectadyState: NYCountry: USA Zip: 12345Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: John S. BeulickInternal Address: Armstrong Teasdale LLPStreet Address: One Metropolitan Square, Suite 2600City: St. LouisState: MO Zip: 63102Phone Number: 314-621-5070Fax Number: 314-621-5065Email Address: jbeulick@armstrongteasdale.com6. Total number of applications and patents involved: 17. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
- ☒ Authorized to be charged to deposit account
- ☐ Enclosed
- ☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 01-2384Authorized User Name Robert B. Reeser, III

9. Signature:

Signature

October 24, 2005

Date

10/28/2005 DBYRME

00000135 012384

11256904

Robert B. Reeser, III

01 FC: 0021

40.00 DA

Name of Person Signing

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

10

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. 22313-1450PATENT
REEL: 017146 FRAME: 0096

| | |
|------------|-------------------------------|
| ASSIGNMENT | Attorney Docket No. 165473 |
|------------|-------------------------------|

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 we acknowledge receipt, we, **QINGYING HU**, of **22-C Hollandale Apartments, Clifton Park, NY 12065**, **KEVIN GEORGE HARDING**, of **56 Carrie Court, Niskayuna, NY 12309**, **JOSEPH BENJAMIN ROSS**, of **4417 Bromyard Avenue, Cincinnati, OH 45241**, and **XIAOPING QIAN**, of **706 Walnut Drive, Clifton Park, NY 12065**, hereby sell and assign to General Electric Company, a New York Corporation, having an address at 1 River Road, Schenectady, New York 12345, USA, (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 INSPECTING AN OBJECT**, **Docket Number 165473**, executed concurrently herewith, 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, 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. 165473 |
|------------|-------------------------------|

10/21, 2005

Qingying Hu
QINGYING HU

STATE OF New York)
County of Schenectady) ss.

This 21st day of October, 2005, before me personally came the above-named **QINGYING HU**, 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:

Rita M. Lynch
Notary Public

RITA M. LYNCH
Notary Public, State of New York
Qual. in Rensselaer Co. No. 01LY6079764
Commission Expires 8/29/06

Oct 21, 2005

Kevin George Harding
KEVIN GEORGE HARDING

STATE OF New York)
County of Schenectady) ss.

This 21st day of October, 2005, before me personally came the above-named **KEVIN GEORGE HARDING**, 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:

Rita M. Lynch
Notary Public

RITA M. LYNCH
Notary Public, State of New York
Qual. in Rensselaer Co. No. 01LY6079764
Commission Expires 8/29/06

| | |
|------------|-------------------------------|
| ASSIGNMENT | Attorney Docket No. 165473 |
|------------|-------------------------------|

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 we acknowledge receipt, we, **QINGYING HU**, of **22-C Hollandale Apartments, Clifton Park, NY 12065**, **KEVIN GEORGE HARDING**, of **56 Carrie Court, Niskayuna, NY 12309**, **JOSEPH BENJAMIN ROSS**, of **4417 Bromyard Avenue, Cincinnati, OH 45241**, and **XIAOPING QIAN**, of **706 Walnut Drive, Clifton Park, NY 12065**, hereby sell and assign to General Electric Company, a New York Corporation, having an address at 1 River Road, Schenectady, New York 12345, USA, (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 INSPECTING AN OBJECT**, Docket Number 165473, executed concurrently herewith, 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, 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. 165473 |
|------------|-------------------------------|

_____, 2005
QINGYING HU

STATE OF _____)
County of _____) ss.

This _____ day of _____, 2005, before me personally came the above-named **QINGYING HU**, 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

_____, 2005
KEVIN GEORGE HARDING

STATE OF _____)
County of _____) ss.

This _____ day of _____, 2005, before me personally came the above-named **KEVIN GEORGE HARDING**, 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. 165473 |
|------------|-------------------------------|

October 21, 2005

Joseph Benjamin Ross
JOSEPH BENJAMIN ROSS

STATE OF NC)
) ss.
County of DURHAM)

This 21st day of OCTOBER, 2005, before me personally came the above-named **JOSEPH BENJAMIN ROSS**, 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:

Wade V. Ross
Notary Public

5-21-2007

_____, 2005

XIAOPING QIAN

STATE OF _____)
) ss.
County of _____)

This _____ day of _____, 2005, before me personally came the above-named **DONALD WAGNER HAMILTON**, 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.

165473

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 we acknowledge receipt, we, **QINGYING HU**, of 22-C Hollandale Apartments, Clifton Park, NY 12065, **KEVIN GEORGE HARDING**, of 56 Carrie Court, Niskayuna, NY 12309, **JOSEPH BENJAMIN ROSS**, of 4417 Bromyard Avenue, Cincinnati, OH 45241, and **XIAOPING QIAN**, of 706 Walnut Drive, Clifton Park, NY 12065, hereby sell and assign to General Electric Company, a New York Corporation, having an address at 1 River Road, Schenectady, New York 12345, USA, (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 INSPECTING AN OBJECT**, Docket Number 165473, executed concurrently herewith, 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, 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.

| | |
|--------------------------|--|
| <p>ASSIGNMENT</p> | <p>Attorney Docket No. 165473</p> |
|--------------------------|--|

_____, 2005

QINGYING HU

STATE OF _____)
 _____) ss.
 County of _____)

This _____ day of _____, 2005, before me personally came the above-named **QINGYING HU**, 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

_____, 2005

KEVIN GEORGE HARDING

STATE OF _____)
 _____) ss.
 County of _____)

This _____ day of _____, 2005, before me personally came the above-named **KEVIN GEORGE HARDING**, 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. 165473 |
|------------|-------------------------------|

_____, 2005

JOSEPH BENJAMIN ROSS

STATE OF _____)
County of _____) ss.

This _____ day of _____, 2005, before me personally came the above-named **JOSEPH BENJAMIN ROSS**, 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

10/24/2005, 2005

Xiaoping Qian
XIAOPING QIAN

STATE OF _____)
County of _____) ss.

Witness:

Benie Weaver 10-24-05

(SATINDERJEET KAUR)

This _____ day of _____, 2005, before me personally came the above-named **DONALD WAGNER HAMILTON**, 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