

07-28-2005



103050086

DOCKET NO: 160224-1

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

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

## 1. Name of conveying party(ies):

Heather Diane Hudspeth  
Reed Roeder Corderman  
Renee Bushey Rohling  
Lauraine (NMN) Denault

## Execution Date

7/14/05  
7/14/05  
7/14/05  
7/15/05

## 2. Name and address of receiving party(ies)

Name: GENERAL ELECTRIC COMPANY

Internal Address:

City: Schenectady State: NY ZIP: 12345

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ 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(s) of the application is (are) provided above.

A. Patent Application No.(s)

B. Patent No. (s)

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

Name: General Electric Company  
Internal Address: Global Research Patent Docket Rm. 4A59  
Street Address: 1 Research Circle  
City: Niskayuna State: NY Zip: 12309

## 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

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.*Paul J. DiConza  
Name of Person Signing  
SignatureJuly 18, 2005  
Date

Total number of pages including cover sheet, attachments and document 6

07/27/2005 ELCOPER 00000179 070868 11185007

01 FC:8021 40.00 BA

**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,

<b>Heather Diane Hudspeth</b>	of	<b>Clifton Park, New York</b>
<b>Reed Roeder Corderman</b>	of	<b>Niskayuna, New York</b>
<b>Renee Bushey Rohling</b>	of	<b>Burnt Hills, New York</b>
<b>Lauraine (NMN) Denault</b>	of	<b>Nassau, New York</b>

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:

**GATED NANOROD FIELD EMITTER STRUCTURES AND ASSOCIATED  
METHODS OF FABRICATION**

☒ executed concurrently 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.

INVENTOR 1

Signature: \_\_\_\_\_

**Heather Diane Hudspeth**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_

Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_

Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

---

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN FRONT OF A NOTARY**

---

Heather Diane Hudspeth  
**Heather Diane Hudspeth**Date: 7-14-05

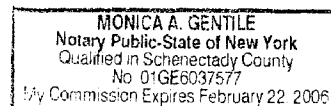
STATE OF New York

ss.

COUNTY OF Schenectady

This 14<sup>th</sup> day of July, 2005 before me personally came the above-named **Heather Diane Hudspeth**, 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

Monica A. Gentile  
(Notary Public)

INVENTOR 2

Signature: \_\_\_\_\_  
**Reed Roeder Corderman**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of WitnessWitnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

---

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN FRONT OF A NOTARY**

---

Reed Roeder CordermanDate: 7/14/05**Reed Roeder Corderman**

STATE OF New York

SS.

COUNTY OF Schenectady

This 14<sup>th</sup> day of July, 2005 before me personally came the above-named  
**Reed Roeder Corderman**, 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

Monica A. Gentile  
 (Notary Public)

INVENTOR 3

Signature: \_\_\_\_\_  
**Renee Bushey Rohling**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of WitnessWitnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

---

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN FRONT OF A NOTARY**

---

Renee Bushey Rohling  
**Renee Bushey Rohling**Date: 7/15/05

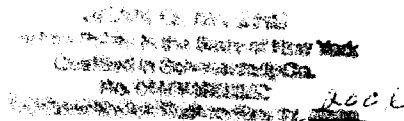
STATE OF New York

ss.

COUNTY OF Schenectady

This 15th day of July, 2005 before me personally came the above-named **Renee Bushey Rohling**, 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

Dean W. Myers  
(Notary Public)

Page 4 of 5

Assignment v1.0, 01/05, PKP

**PATENT**  
**REEL: 016802 FRAME: 0203**

INVENTOR 4

Signature: \_\_\_\_\_  
**Lauraine (NMN) Denault**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of WitnessWitnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

---

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN FRONT OF A NOTARY**

---

Lauraine Denault  
**Lauraine (NMN) Denault**Date: 7/14/05

STATE OF New York

ss.

COUNTY OF Schenectady

This 14<sup>th</sup> day of July, 2005 before me personally came the above-named  
**Lauraine (NMN) Denault**, 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

Monica A. Gentile  
(Notary Public)