

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr><td>Rihua Xiong</td><td>01/15/2009</td></tr> <tr><td>Wei Cai</td><td>01/14/2009</td></tr> <tr><td>Liping Zheng</td><td>01/15/2009</td></tr> <tr><td>Hai Yang</td><td>01/15/2009</td></tr> <tr><td>Su Lu</td><td>01/15/2009</td></tr> <tr><td>Zhigang Deng</td><td>01/15/2009</td></tr> <tr><td>Lin Chen</td><td>01/15/2009</td></tr> </tbody> </table>		Name	Execution Date	Rihua Xiong	01/15/2009	Wei Cai	01/14/2009	Liping Zheng	01/15/2009	Hai Yang	01/15/2009	Su Lu	01/15/2009	Zhigang Deng	01/15/2009	Lin Chen	01/15/2009
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Zhigang Deng	01/15/2009																
Lin Chen	01/15/2009																
RECEIVING PARTY DATA																	
Name:	General Electric Company																
Street Address:	One River Road																
City:	Schenectady																
State/Country:	NEW YORK																
Postal Code:	12345																
PROPERTY NUMBERS Total: 1																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12336792</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12336792												
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Application Number:	12336792																
CORRESPONDENCE DATA																	
Fax Number:	(866)308-9939																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	518-387-7724																
Email:	ldocket@crd.ge.com																
Correspondent Name:	GENERAL ELECTRIC COMPANY GLOBAL RESEARCH																
Address Line 1:	PATENT DOCKET RM. BLDG. K1-4A59																
Address Line 4:	NISKAYUNA, NEW YORK 12309																
ATTORNEY DOCKET NUMBER:	232755-1																

CH \$40.00 12336792

NAME OF SUBMITTER:

Andrew J. Caruso

Total Attachments: 8

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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,

Rihua Xiong	of	Shanghai, China
Wei Cai	of	Shanghai, China
Liping Zheng	of	Shanghai, China
Hai Yang	of	Shanghai, China
Su Lu	of	Shanghai, China
Zhigang Deng	of	Shanghai, China
Lin Chen	of	Shanghai, China

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:

**ION-EXCHANGE DEVICE AND REGENERATION METHOD OF ION-EXCHANGE
MATERIAL THEREOF**

- executed concurrently herewith,
 filed on December 17, 2008 having Serial Number 12/336,792

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: Rihua Xiong
Rihua Xiong

Date: Jan-15-2009

Witnessed by: Shengxian Lin
Signature

Date: Jan. 15th. 2009

Lin Shengxian
Printed Name of Witness

Witnessed by: Xia, Jiyang
Signature

Date: Jan. 15. 2009

XIA, JIYANG
Printed Name of Witness

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

Rihua Xiong

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of January, 2009 before me personally came the above-named **Rihua Xiong**, 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 2

Signature: _____
Wei Cai

Date: _____

Witnessed by: _____
Signature

Date: _____

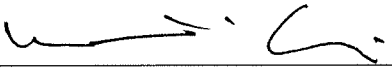
Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

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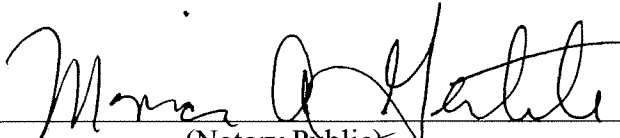
Wei Cai

Date: 01/14/2009

STATE OF New York
COUNTY OF Schenectady ss.

This 14th day of January, 2009 before me personally came the above-named **Wei Cai**, 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 3

Signature: Liping Zheng
Liping Zheng

Date: Jan 15 2009

Witnessed by: Zijun Xia
Signature
Xia Zijun
Printed Name of Witness

Date: Jan. 15, 2009

Witnessed by: Shengyan Liu
Signature
Liu Shengyan
Printed Name of Witness

Date: Jan. 15. 2009

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Liping Zheng

Date: _____

STATE OF

ss.

COUNTY OF


This ____ day of January, 2009 before me personally came the above-named **Liping Zheng**, 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

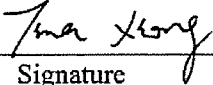
(Notary Public)

DOCKET NUMBER: 232755-1

INVENTOR 4

Signature: 
Hai Yang

Date: Jan. 15, 2009

Witnessed by: 
Signature

Date: Jan. 15, 2009

Miona Hong
Printed Name of Witness

Witnessed by: 
Signature

Date: Jan 15, 2009

Hui Lei
Printed Name of Witness

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Hai Yang

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of January, 2009 before me personally came the above-named Hai Yang, 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)

DOCKET NUMBER: 232755-1

INVENTOR 5

Signature: [Handwritten Signature]
Su Lu

Date: Jan. 15th. 2009

Witnessed by: Hua Li
Signature

Date: Jan. 15th. 2009

Hua Li
Printed Name of Witness

Witnessed by: [Handwritten Signature]
Signature

Date: Jan. 15th 2009

Liu Shengxin
Printed Name of Witness

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Su Lu Date: _____

STATE OF _____
COUNTY OF _____ ss.

This _____ day of January, 2009 before me personally came the above-named Su Lu, 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)

DOCKET NUMBER: 232755-1

INVENTOR 6

Signature: Zhigang Deng
Zhigang Deng

Date: 2009.1.15

Witnessed by: Yang Dong
Signature

Date: 2009.1.15

YANG DONG
Printed Name of Witness

Witnessed by: Xianguo, Yu
Signature

Date: 2009.1.15

Xianguo, Yu
Printed Name of Witness

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

Zhigang Deng

Date: _____

STATE OF

ss.

COUNTY OF

This ____ day of January, 2009 before me personally came the above-named **Zhigang Deng**, 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)

DOCKET NUMBER: 232755-1

INVENTOR 7

Signature: Lin Chen
Lin Chen

Date: 15. 01. 2009.

Witnessed by: Yangang Liang
Signature

Date: 15, 01, 2009

Yangang Liang
Printed Name of Witness

Witnessed by: Shengyan Liu
Signature

Date: Jan. 15th 2009

Liu Shengyan
Printed Name of Witness

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

Lin Chen

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of January, 2009 before me personally came the above-named
Lin Chen, 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)