

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|--|--|---------------|----------------|---------------------|------------|------------------------|------------|-------------------------------|------------|------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Xiaolei Shi</td> <td>04/27/2012</td> </tr> <tr> <td>Peter William Lorraine</td> <td>04/27/2012</td> </tr> <tr> <td>Victor Petrovich Ostroverkhov</td> <td>04/30/2012</td> </tr> <tr> <td>Ri-an Zhao</td> <td>04/27/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Xiaolei Shi | 04/27/2012 | Peter William Lorraine | 04/27/2012 | Victor Petrovich Ostroverkhov | 04/30/2012 | Ri-an Zhao | 04/27/2012 |
| Name | Execution Date | | | | | | | | | | |
| Xiaolei Shi | 04/27/2012 | | | | | | | | | | |
| Peter William Lorraine | 04/27/2012 | | | | | | | | | | |
| Victor Petrovich Ostroverkhov | 04/30/2012 | | | | | | | | | | |
| Ri-an Zhao | 04/27/2012 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| Name: | General Electric Company | | | | | | | | | | |
| Street Address: | 1 River Road | | | | | | | | | | |
| City: | Schenectady | | | | | | | | | | |
| State/Country: | NEW YORK | | | | | | | | | | |
| Postal Code: | 12345 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13459840</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13459840 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 13459840 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| Fax Number: | (866)308-9939 | | | | | | | | | | |
| Phone: | 518-387-7724 | | | | | | | | | | |
| Email: | rosssr@ge.com | | | | | | | | | | |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> | | | | | | | | | | | |
| Correspondent Name: | GENERAL ELECTRIC COMPANY GLOBAL RESEARCH | | | | | | | | | | |
| Address Line 1: | ONE RESEARCH CIRCLE | | | | | | | | | | |
| Address Line 2: | BLDG. K1-3A59 | | | | | | | | | | |
| Address Line 4: | NISKAYUNA, NEW YORK 12309 | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 253010-1 | | | | | | | | | | |
| NAME OF SUBMITTER: | Joseph J. Christian | | | | | | | | | | |

CH \$40.00 13459840

Total Attachments: 5

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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,

| | | |
|--------------------------------------|----|--------------------------------|
| Xiaolei Shi | of | Schenectady, New York |
| Peter William Lorraine | of | Niskayuna, New York |
| Victor Petrovich Ostroverkhov | of | Ballston Lake, New York |
| Ri-an Zhao | of | Niskayuna, New York |

of
of
of
of
of
of

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:

STACKED FILM OPTICAL DATA STORAGE DEVICE AND METHOD OF MANUFACTURE

- 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: _____
Xiaolei Shi

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 PRESENCE OF A NOTARY

Xiaolei Shi
Xiaolei Shi

Date: 04/27/2012

STATE OF New York

ss.

COUNTY OF Schenectady

This 27th day of April, 2012, before me personally came the above-named **Xiaolei Shi**, 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

Rita M. Lynch
(Notary Public)

RITA M. LYNCH
Notary Public, State of New York
Qual. in Albany Co. No. 01LY6079764
Commission Expires 5/29/2014

INVENTOR 2

Signature: _____

Peter William Lorraine

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 PRESENCE OF A NOTARY

Peter William Lorraine

Date: 4/27/2012

Peter William Lorraine

STATE OF New York

ss.

COUNTY OF Schenectady

This 27th day of April, 2012 before me personally came the above-named **Peter William Lorraine**, 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

Rita M. Lynch

(Notary Public)

RITA M. LYNCH
Notary Public, State of New York
Qual. in NY Co. No. 011Y6079764
Commission Expires 8/24/2014

INVENTOR 3

Signature: _____

Victor Petrovich Ostroverkhov

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 PRESENCE OF A NOTARY

Victor Ostroverkhov

Victor Petrovich Ostroverkhov

Date: 4/30/2012

STATE OF New York

ss.

COUNTY OF **Schenectady**

This 30th day of April, 2012 before me personally came the above-named **Victor Petrovich Ostroverkhov**, 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

RITA M. LYNCH
Notary Public, State of New York
Qual. in Albany Co. No. 01LY6079764
Commission Expires 8/29/2014

Rita M. Lynch

(Notary Public)

INVENTOR 4

Signature: _____

Date: _____

Ri-an Zhao

Witnessed by: _____

Date: _____

Signature

Printed Name of Witness

Witnessed by: _____

Date: _____

Signature

Printed Name of Witness

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

Ri-an Zhao
Ri-an Zhao

Date: 04/27/2012

STATE OF **New York**

ss.

COUNTY OF **Schenectady**

This 27th day of April, 2012 before me personally came the above-named **Ri-an Zhao**, 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

Rita M. Lynch
(Notary Public)

RITA M. LYNCH
Notary Public, State of New York
Qual. in NY, Co. No. 01116079764
Commission Expires 4/24/2014