

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>Victor Petrovich Ostroverkhov</td><td>01/08/2009</td></tr><tr><td>Kenneth Brakeley Welles</td><td>12/17/2008</td></tr><tr><td>Brian Lee Lawrence</td><td>01/09/2009</td></tr><tr><td>Xiaolei Shi</td><td>01/08/2009</td></tr><tr><td>Zhiyuan Ren</td><td>12/22/2008</td></tr><tr><td>Mark Cheverton</td><td>01/08/2009</td></tr><tr><td>Ruediger Kusch</td><td>12/19/2008</td></tr></tbody></table>		Name	Execution Date	Victor Petrovich Ostroverkhov	01/08/2009	Kenneth Brakeley Welles	12/17/2008	Brian Lee Lawrence	01/09/2009	Xiaolei Shi	01/08/2009	Zhiyuan Ren	12/22/2008	Mark Cheverton	01/08/2009	Ruediger Kusch	12/19/2008
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<table border="1"><tr><td>Name:</td><td>General Electric Company</td></tr><tr><td>Street Address:</td><td>1 River Road</td></tr><tr><td>City:</td><td>Schenectady</td></tr><tr><td>State/Country:</td><td>NEW YORK</td></tr><tr><td>Postal Code:</td><td>12345</td></tr></table>		Name:	General Electric Company	Street Address:	1 River Road	City:	Schenectady	State/Country:	NEW YORK	Postal Code:	12345						
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PROPERTY NUMBERS Total: 1																	
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CORRESPONDENCE DATA																	
Fax Number: (281)970-4503 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone: 281-970-4545																	
Email: yoder@fyiplaw.com																	
Correspondent Name: Fletcher Yoder, c/o Patrick S. Yoder																	
Address Line 1: 7915 FM 1960 West, Suite 330																	
Address Line 2: PO Box 692289, Houston, TX 77269-2289																	
Address Line 4: Houston, TEXAS 77070																	
ATTORNEY DOCKET NUMBER:	228455-1/YOD (GELC:0014)																

OP \$40.00 12347178

501028112

PATENT
REEL: 023584 FRAME: 0145

NAME OF SUBMITTER:

Patrick S. Yoder

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 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,

Victor Petrovich Ostroverkhov	of	Ballston Lake, NY
Kenneth Brakeley Welles	of	Scotia, NY
Brian Lee Lawrence	of	Niskayuna, NY
Xiaolei Shi	of	Niskayuna, NY
Zhiyuan Ren	of	Malta, NY
Mark Cheverton	of	Mechanicville, NY
Ruediger Kusch	of	Clifton Park, NY

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 U.S. Patent currently entitled:

**SYSTEM AND METHOD FOR DUAL-BEAM RECORDING AND READOUT OF
MULTILAYERED OPTICAL DATA STORAGE MEDIA**

- ☐ executed concurrently herewith,
- ☐ described in Provisional U.S. Patent Application No. _____ filed on _____
- ☒ filed on December 31, 2008 having Serial Number 12/347,178

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.

DOCKET NUMBER: 228455-1

INVENTOR 1

Signature: Victor Ostroverkhov
Victor Petrovich OstroverkhovDate: 1/8/09Witnessed by: Kim M. Rekse
SignatureDate: 1/8/09Kim M. Rekse
Printed Name of WitnessWitnessed by: Swaminathan Manickam
SignatureDate: 1/8/09SWAMINATHAN MANICKAM
Printed Name of Witness

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

Victor Petrovich Ostroverkhov

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ 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

(Notary Public)

INVENTOR 2

Signature: Kenneth Brakeley Welles
Kenneth Brakeley Welles

Date: 12/17/2008

Witnessed by: Allen L. Garner
Signature

Date: 12/17/2008

ALLEN L. GARNER
Printed Name of Witness

Witnessed by: Ted Kreutz
Signature

Date: December 17, 2008

Ted Kreutz
Printed Name of Witness

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

Kenneth Brakeley Welles

Date: _____

STATE OF

ss.

COUNTY OF

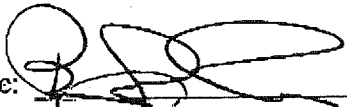
This _____ day of _____, _____ before me personally came the above-named **Kenneth Brakeley Welles**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

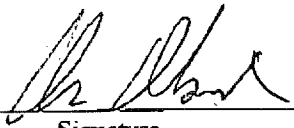
DOCKET NUMBER: 228455-1

INVENTOR 3

Signature: 

Brian Lee Lawrence

Date: Jan 9, 2009

Witnessed by: 

Signature

Date: 1/9/09

Azar Alizadeh
Printed Name of WitnessWitnessed by: 

Signature

Date: 1/09/09

RICHARD JEAN-LILLE
Printed Name of Witness

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

Brian Lee Lawrence

Date: _____

STATE OF

SS.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Brian Lee Lawrence**, 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: 228455-1

INVENTOR 4

Signature: Xiaolei Shi
Xiaolei ShiDate: 1/8/2009Witnessed by: Masako Yamada
Signature
Masako Yamada
Printed Name of WitnessDate: 1-8-09Witnessed by: Chun Zhan
Signature
Chun Zhan
Printed Name of WitnessDate: 1-8-09

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

Xiaolei Shi _____ Date: _____

STATE OF

SS.

COUNTY OF


This ____ day of _____, _____ 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

(Notary Public)

DOCKET NUMBER: 228455-1

INVENTOR 5

Signature: **Zhiyuan Ren**Date: 12/22/2008Witnessed by: 

Signature

Date: 12/22/08Kathryn L Parks

Printed Name of Witness

Witnessed by: 

Signature

Date: 12/22/08Mary M. WSKAMRA

Printed Name of Witness

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

Date: _____

Zhiyuan Ren

STATE OF

ss.

COUNTY OF

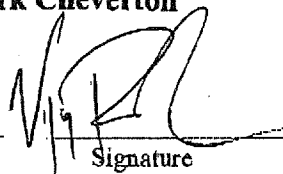
This _____ day of _____, _____ before me personally came the above-named **Zhiyuan Ren**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

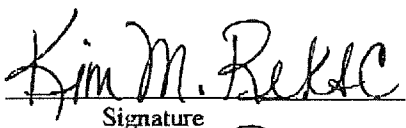
(Notary Public)

DOCKET NUMBER: 228455-1

INVENTOR 6

Signature: Mark ChevertonDate: 1/8/09Witnessed by: Vijay Paruchuru

Signature

Date: 1/8/09Vijay Paruchuru
Printed Name of WitnessWitnessed by: Kim M. Reksc

Signature

Date: 1/8/09Kim M. Reksc
Printed Name of Witness

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

Mark Cheverton

Date: _____

STATE OF

SS.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Mark Cheverton**, 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 7

Signature: 
Ruediger Kusch

Date: 12/19/08

Witnessed by: 
Signature

Date: 12/19/08

KEVIN E. DUPEL
Printed Name of Witness

Witnessed by: 
Signature

Date: 12/19/08

MAURICIO CASTILLO-RUFFEN
Printed Name of Witness

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

Ruediger Kusch

Date: _____

STATE OF

SS.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Ruediger Kusch**, 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)