

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>Robert F. Karlicek Jr.</td><td>10/02/2008</td></tr><tr><td>Alexei A. Erchak</td><td>10/09/2008</td></tr><tr><td>Michael Lim</td><td>09/29/2008</td></tr><tr><td>Georgiy Seryogin</td><td>09/23/2008</td></tr><tr><td>Gianni Taraschi</td><td>10/06/2008</td></tr></tbody></table>	Name	Execution Date	Robert F. Karlicek Jr.	10/02/2008	Alexei A. Erchak	10/09/2008	Michael Lim	09/29/2008	Georgiy Seryogin	09/23/2008	Gianni Taraschi	10/06/2008	
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Georgiy Seryogin	09/23/2008												
Gianni Taraschi	10/06/2008												
RECEIVING PARTY DATA													
Name:	Luminus Devices, Inc.												
Street Address:	1100 Technology Park Drive												
City:	Billerica												
State/Country:	MASSACHUSETTS												
Postal Code:	01821												
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>12130899</td></tr></tbody></table>	Property Type	Number	Application Number:	12130899									
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CORRESPONDENCE DATA													
Fax Number: (617)646-8646 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 6176468000													
Email: mchiusano@wolfgreenfield.com													
Correspondent Name: Robert H. Walat													
Address Line 1: 600 Atlantic Avenue													
Address Line 2: Wolf, Greenfield & Sacks, P.C.													
Address Line 4: Boston, MASSACHUSETTS 02210-2206													
ATTORNEY DOCKET NUMBER:	L0655.70076US01												
NAME OF SUBMITTER:	Robert H. Walat												

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PATENT
REEL: 022319 FRAME: 0866

Total Attachments: 6

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PATENT

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned Assignors hereby:

1. Sell, assign and transfer to Luminus Devices, Inc., a Delaware Corporation having a place of business at 1100 Technology Park Drive; Billerica, Massachusetts 01821, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, our entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on May 30, 2008 under No. 12/130,899, bearing Attorney Docket No. L0655.70076US01, and entitled METHODS OF FORMING LIGHT-EMITTING STRUCTURES, and in and to said application and all non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to Japan and Korea, on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;
2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;
3. Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation; and
5. Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

This instrument is executed under seal.

Date 10/2/2008

Inventor: Robert F. Karlicek, Jr.

Address: 4 Buttercup Lane

Chelmsford, Massachusetts, 01824

Citizenship: US

STATE/COMMONWEALTH OF Massachusetts :

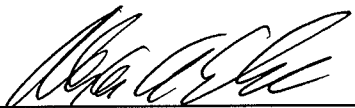
COUNTY OF Middlesex :

On this 2 day of October, 2008, before me, the undersigned notary public, personally appeared Robert Karlicek, proved to me through satisfactory evidence of identification, which were Driver License, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL John Call Franklin
Notary Public

My commission expires Aug 27, 2015

10/9/2008
Date


Inventor: Alexei A. Erchak
Address: 10 Museum Way, Unit #1422
Cambridge, Massachusetts, 02141
Citizenship: US

STATE/COMMONWEALTH OF Massachusetts :

COUNTY OF Middlesex :

On this 9th day of October, 2008, before me, the undersigned notary public, personally appeared Alexei A. Erchak, proved to me through satisfactory evidence of identification, which were Driver license, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL John Caleb Franklin
Notary Public

My commission expires Aug 27, 2015

9/29/2008
Date

Michael M. Lim
Inventor: Michael Lim

Address: 57 Bristol Street
Cambridge, MA 02141

Citizenship: US

STATE/Commonwealth of Massachusetts :

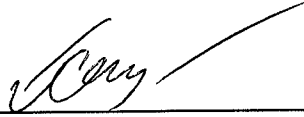
COUNTY OF Middlesex :

On this 29 day of September, 2008, before me, the undersigned notary public, personally appeared Michael Lim, proved to me through satisfactory evidence of identification, which were Driver license, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL John Call Franklin
Notary Public

My commission expires ~~September 27, 2015~~ Aug 27, 2015

09/23/2008
Date


Inventor: Georgiy Seryogin
Address: 847 Belmont Street
Belmont, Massachusetts 02478
Citizenship: Russian Federation

STATE/COMMONWEALTH OF Massachusetts :

COUNTY OF Middlesex :

On this 23 day of Sept, 2008, before me, the undersigned notary public, personally appeared Georgiy Seryogin, proved to me through satisfactory evidence of identification, which were Driver license, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL John Caleb Franklin
Notary Public

My commission expires Aug 27, 2015

10/06/2008
Date


Inventor: Gianni Taraschi
Address: 3 Walker Street
Somerville, Massachusetts 02144
Citizenship: Canada

STATE/Commonwealth of MA :

COUNTY OF Suffolk :

On this 6 day of April, 2008, before me, the undersigned notary public, personally appeared Gianni Taraschi, proved to me through satisfactory evidence of identification, which were MA DL, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL


Notary Public

My commission expires Sept 5, 2014

