

## 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>Alexei A. Erchak</td><td>06/13/2006</td></tr><tr><td>Elefterios Lidorikis</td><td>06/15/2006</td></tr><tr><td>Michael Lim</td><td>06/16/2006</td></tr><tr><td>Nikolay I. Nemchuk</td><td>06/27/2006</td></tr><tr><td>Jo A. Venezia</td><td>06/16/2006</td></tr></tbody></table>	Name	Execution Date	Alexei A. Erchak	06/13/2006	Elefterios Lidorikis	06/15/2006	Michael Lim	06/16/2006	Nikolay I. Nemchuk	06/27/2006	Jo A. Venezia	06/16/2006	
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Luminus Devices, Inc.</td></tr><tr><td>Street Address:</td><td>175 New Boston Street</td></tr><tr><td>Internal Address:</td><td>Suite A</td></tr><tr><td>City:</td><td>Woburn</td></tr><tr><td>State/Country:</td><td>MASSACHUSETTS</td></tr><tr><td>Postal Code:</td><td>01801</td></tr></table>	Name:	Luminus Devices, Inc.	Street Address:	175 New Boston Street	Internal Address:	Suite A	City:	Woburn	State/Country:	MASSACHUSETTS	Postal Code:	01801	
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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>11370395</td></tr></tbody></table>	Property Type	Number	Application Number:	11370395									
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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: 617-646-8000													
Email: mchiusano@wolfgreenfield.com													
Correspondent Name: Robert H. Walat													
Address Line 1: 600 Atlantic Avenue													
Address Line 2: Wolf Greenfield													
Address Line 4: Boston, MASSACHUSETTS 02210-2206													
ATTORNEY DOCKET NUMBER:	L0655.70019US04												

CH \$40.00 11370395

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PATENT  
REEL: 017893 FRAME: 0454

NAME OF SUBMITTER:

Robert H. Walat

Total Attachments: 6

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**ASSIGNMENT**

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

1. Sell, assign and transfer to Luminus Devices, Inc., a Delaware corporation having a place of business at 175 New Boston Street, Suite A, Woburn, Massachusetts, 01801, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my 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 March 7, 2006 under Serial No. 11/370,395, bearing Attorney Docket No. L0655.70019US04, and entitled ISOTROPIC COLLIMATION DEVICES AND RELATED METHODS, 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 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, I 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 me 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;
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 me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal.

Date 6/13/06Inventor: Alexei A. ErchakAddress: 10 Museum Way, Unit #1422  
Cambridge, MA 02141

Citizenship: US

STATE/Commonwealth of Massachusetts :COUNTY OF Middlesex :

On this 13 day of June, 2006 before me, the undersigned notary public, personally appeared Alexei Erchak, proved to me through satisfactory evidence of identification, which were Mass Drivers 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 Irene M. Donovan  
Notary PublicMy commission expires May 19, 2011IRENE M. DONOVAN  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
May 19, 2011

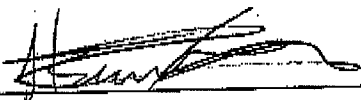
06/15/06  
Date

  
Inventor: Eleferios Lidorikis

Address: 6 Tsakalof Str.  
Ioannina 45333, Greece

Citizenship: Canada

Irene  
Karantzeni 06/15/06  
Witness Date



6/16/2006  
Date  
Inventor: Michael Lim  
Address: 57 Bristol Street  
Cambridge, MA 02141  
Citizenship: US

STATE/Commonwealth of Massachusetts :  
COUNTY OF Middlesex :


On this 16 day of June, 2006, before me, the undersigned notary public, personally appeared Michael Lim, proved to me through satisfactory evidence of identification, which were Mass Drivers 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 Irene M. Donovan  
Notary Public

My commission expires May 19, 2011



IRENE M. DONOVAN  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
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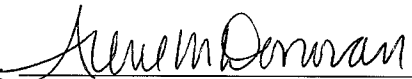
6/27/2006  
Date  
Inventor: Nikolay I. NemchukAddress: 45 Russett Lane  
North Andover, MA 01845

Citizenship: US

STATE/Commonwealth of Massachusetts :COUNTY OF Middlesex :

On this 27 day of June, 2006, before me, the undersigned notary public, personally appeared Nikolay Nemchuk, proved to me through satisfactory evidence of identification, which were Mass Drivers 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

  
Notary PublicMy commission expires May 19, 2011IRENE M. DONOVAN  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
May 19, 2011

6/16/06  
DateJo A. Venezia  
Inventor: Jo A. VeneziaAddress: ~~211 W. Newton Street, Apt. 1~~ 730 Inverness Way  
~~Boston, MA 02116~~ Sunnyvale, CA 94087

Citizenship: US

STATE/Commonwealth of California :COUNTY OF Santa Clara :

On this 16<sup>th</sup> day of June, 2006 before me, the undersigned notary public, personally appeared Jo A. Venezia, 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 Michaela Cervantes  
Notary PublicMy commission expires 6/18/08