

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Robert F. Karlicek Jr	07/08/2009
Paul Panaccione	07/06/2009
Rashmi Kumar	08/03/2009
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	
Property Type	Number
Application Number:	12341918
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:	epoole@wolfgreenfield.com
Correspondent Name:	Rober H. Walat
Address Line 1:	600 Atlantic Avenue
Address Line 2:	Wolf, Greenfield, & Sacks, P.C.
Address Line 4:	Boston, MASSACHUSETTS 02210
ATTORNEY DOCKET NUMBER:	L0655.70085US01
NAME OF SUBMITTER:	Robert H. Walat

OP \$40.00 12341918

Total Attachments: 12
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**PATENT
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ASSIGNMENT

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

1. Sell, assign and transfer to Luminus Devices, Inc., a Delaware corporation having a place of business at 1100 Technology Park Drive, Billerica, MA 01821, 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 December 22, 2008 under Serial No. 12/341,918, bearing Attorney Docket No. L0655.70085US01, and entitled LIGHT-EMITTING DEVICES, 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; 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 me and that full right to convey the same as herein expressed is possessed by me.

This instrument is executed under seal.

Date

Inventor: Rashmi Kumar

Address: 8033 Belton Circle
Mechanicsville, VA 23116
Citizenship: India

STATE/Commonwealth of _____ :
County of _____ :

Sworn to and subscribed before me on this ____ day of _____, 20__, under the pains and penalties of perjury under the laws of the United States of America.

SEAL _____
Notary Public

My commission expires _____

July 8, 2009
Date

Robert F. Karlicek Jr.
Inventor: Robert F. Karlicek, Jr.

Address: 4 Buttercup Lane
Chelmsford, MA 01824

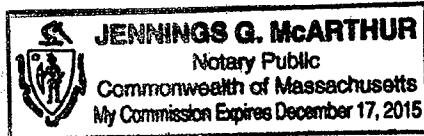
Citizenship: US

STATE/Commonwealth of Massachusetts :
COUNTY OF Middlesex :

On this 8th day of July, 2009, before me, the undersigned notary public, personally appeared Robert F. Karlicek Jr., proved to me through satisfactory evidence of identification, which were MA 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 Jennings G. McArthur
Notary Public

My commission expires December 17, 2015



Date _____ Inventor: Paul Panaccione
Address: 67 Purchase Street
Newburyport, MA 01950
Citizenship: US

STATE/Commonwealth of _____ :

County of _____ :

On this ____ day of _____, 20__, before me, the undersigned notary public, personally appeared _____, proved to me through satisfactory evidence of identification, which were _____, 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 _____

ASSIGNMENT

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

1. Sell, assign and transfer to Luminus Devices, Inc., a Delaware corporation having a place of business at 1100 Technology Park Drive, Billerica, MA 01821, 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 December 22, 2008 under Serial No. 12/341,918, bearing Attorney Docket No. L0655.70085US01, and entitled LIGHT-EMITTING DEVICES, 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; 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 me and that full right to convey the same as herein expressed is possessed by me.

This instrument is executed under seal.

Date

Inventor: _____
Rashmi Kumar

Address: 8033 Belton Circle
Mechanicsville, VA 23116

Citizenship: India

STATE/Commonwealth of _____ :

County of _____ :

Sworn to and subscribed before me on this ____ day of _____, 20__, under the pains and penalties of perjury under the laws of the United States of America.

SEAL _____
Notary Public

My commission expires _____

 Date
 Inventor: Robert F. Karlicek, Jr.
 Address: 4 Buttercup Lane
 Chelmsford, MA 01824
 Citizenship: US

STATE/Commonwealth of _____ :


County of _____ :

On this ____ day of _____, 20__, before me, the undersigned notary public, personally appeared _____, proved to me through satisfactory evidence of identification, which were _____, 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 _____

Date 7/6/09

Inventor: 
Paul Panaccione

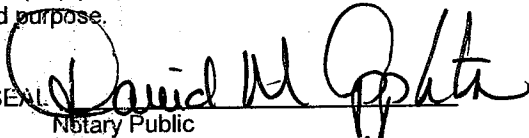
Address: 67 Purchase Street
Newburyport, MA 01950

Citizenship: US

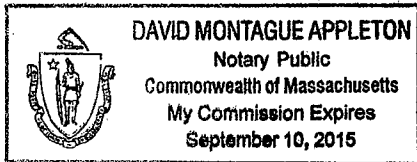
STATE/Commonwealth of MASSACHUSETTS :

COUNTY OF MIDDLESEX :

On this 6th day of JULY, 2009 before me, the undersigned notary public, personally appeared PAUL PANACCIONE, proved to me through satisfactory evidence of identification, which were MASS DRIVERS LIC., 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.

SEN 
Notary Public

My commission expires 9/10/2015



ASSIGNMENT

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

1. Sell, assign and transfer to Luminus Devices, Inc., a Delaware corporation having a place of business at 1100 Technology Park Drive, Billerica, MA 01821, 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 December 22, 2008 under Serial No. 12/341,918, bearing Attorney Docket No. L0655.70085US01, and entitled LIGHT-EMITTING DEVICES, 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; 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 me and that full right to convey the same as herein expressed is possessed by me.

This instrument is executed under seal.

08/03/09
Date

Rashmi Kumar
Inventor: Rashmi Kumar

Address: 8033 Belton Circle
Mechanicsville, VA 23116

Citizenship: India

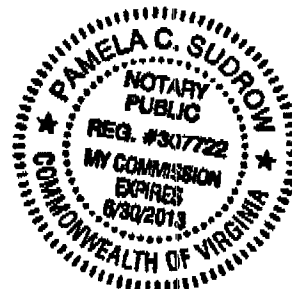
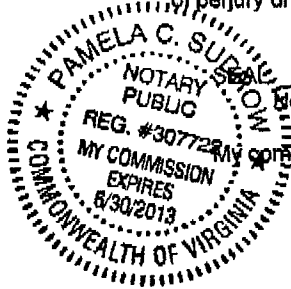
STATE/Commonwealth of Virginia

COUNTY OF Saufox

Sworn to and subscribed before me on this 3 day of aug., 2009 under the pains and penalties of perjury under the laws of the United States of America.

Pamela C. Sudrow
Notary Public

My commission expires 6.30.13



Date _____ Inventor: Robert F. Karlicek, Jr. _____
 Address: 4 Buttercup Lane
 Chelmsford, MA 01824
 Citizenship: US

STATE/Commonwealth of _____ :

County of _____ :

On this ____ day of _____, 20__, before me, the undersigned notary public, personally appeared _____, proved to me through satisfactory evidence of identification, which were _____, 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 _____

 Date Inventor: Paul Panaccione
 Address: 67 Purchase Street
 Newburyport, MA 01950
 Citizenship: US

STATE/Commonwealth of _____ :

County of _____ :

On this ____ day of _____, 20__, before me, the undersigned notary public, personally appeared _____, proved to me through satisfactory evidence of identification, which were _____, 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 _____