

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4913733

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN EPLER	10/28/2004
PAUL S. MARTIN	10/28/2004
MICHAEL R. KRAMES	10/28/2004
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LUMILEDS LIGHTING, U.S. LLC
<b>Street Address:</b>	370 W. TRIMBLE RD.
<b>City:</b>	SAN JOSE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95131
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12969709
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)472-0644
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	6504720644
<b>Email:</b>	paralegal.maxval@maxval.com
<b>Correspondent Name:</b>	CONVERGENCE INTELLECTUAL PROPERTY LAW P.C
<b>Address Line 1:</b>	2251 GRANT RD. SUITE G
<b>Address Line 4:</b>	LOS ALTOS, CALIFORNIA 94304
<b>ATTORNEY DOCKET NUMBER:</b>	LUMI-0203US
<b>NAME OF SUBMITTER:</b>	RANJINE
<b>SIGNATURE:</b>	/Ranjine/
<b>DATE SIGNED:</b>	04/13/2018
<b>Total Attachments: 4</b>	
source=assignment-pat-44442-579#page1.tif	
source=assignment-pat-44442-579#page2.tif	
source=assignment-pat-44442-579#page3.tif	
source=assignment-pat-44442-579#page4.tif	

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4742867

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN EPLER	10/28/2004
PAUL S. MARTIN	10/28/2004
MICHAEL R. KRAMES	10/28/2004
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LUMILEDS LIGHTING U.S., LLC
<b>Street Address:</b>	370 W. TRIMBLE ROAD
<b>City:</b>	SAN JOSE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95131
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	7875533
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)742-0644
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	6507420644
<b>Email:</b>	paralegal@convergenceiplaw.com
<b>Correspondent Name:</b>	CONVERGENCE INTELLECTUAL PROPERTY LAW P.C
<b>Address Line 1:</b>	2251 GRANT RD. SUITE G
<b>Address Line 4:</b>	LOS ALTOS, CALIFORNIA 94024
<b>ATTORNEY DOCKET NUMBER:</b>	LUMI-007US
<b>NAME OF SUBMITTER:</b>	ANEESH KRISHNAN
<b>SIGNATURE:</b>	/ANEESH/
<b>DATE SIGNED:</b>	12/20/2017
<b>Total Attachments: 3</b>	
source=7875533_2004P03124US02#page1.tif	
source=7875533_2004P03124US02#page2.tif	
source=7875533_2004P03124US02#page3.tif	

10/28/04

11-05-2004

Attorney Docket No: LUM-04-03-05

Form PTO-1595  
(Rev. 10/02)

RECORDA



DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

P.

102876604

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- a) John EPLER
- b) Paul S. MARTIN
- c) Michael R. KRAMES

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)

Name: Lumileds Lighting U.S, LLC

Internal Address: \_\_\_\_\_

Street Address: 370 W. Trimble Road

City: San Jose State: CA Zip: 95131

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: 10-28-2004

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 10-27-2004

A. Patent Application No.(s) \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Brian D. Ogonowsky

Internal Address: Patent Law Group LLP

11/02/2004 HLE333 00000096 502226 10977294  
01 FC:8021 40.00 OP

Street Address: 2635 N. First St., Suite 223

City: San Jose State: CA Zip: 95134

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed - Charge our Credit Card  
Form PTO-2038 enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

DO NOT USE THIS SPACE

9. Signature.

Brian D. Ogonowsky 31,988

Name of Person Signing

*Brian D. Ogonowsky*  
Signature

10/28/04  
Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

17548 U.S. PTO  
10/977294

102804

ASSIGNMENT

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

John Epler, Paul S. Martin, Michael R. Krames

hereby sell, assign and transfer to Lumileds Lighting U.S., LLC, a Delaware corporation, having a place of business at 370 W. Trimble Road, San Jose, CA 95131, its successors and assigns, the entire right, title and interest throughout the world in our invention in

PACKAGE-INTEGRATED THIN FILM LED

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 28 day of October, 2004.

John Epler
John Epler

State of CALIFORNIA )
) ss.
County of SANTA CLARA )

On October 28, 2004 before me, Sandra C Flores - Notary Public personally appeared John Edward Epler personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.
Sandra C Flores
SIGNATURE OF NOTARY

Executed this 28<sup>th</sup> day of October, 2004.

Paul S. Martin

Paul S. Martin

State of CALIFORNIA )  
 ) ss.  
County of Santa Clara )

On October 28, 2004 before me, Sandra C Flores - Notary Public personally appeared PAUL SCOTT MARTIN personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Sandra C Flores  
SIGNATURE OF NOTARY

Executed this 28 day of October, 2004.

Michael R. Krames

Michael R. Krames

State of CALIFORNIA )  
 ) ss.  
County of Santa Clara )

On October 28, 2004 before me, Sandra C Flores - Notary Public personally appeared Michael R Krames personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Sandra C Flores  
SIGNATURE OF NOTARY