504698946 12/21/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4745668

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
M. GEORGE CRAFORD	06/08/2007	
MICHAEL R. KRAMES	06/08/2007	

RECEIVING PARTY DATA

Name:	PHILIPS LUMILEDS LIGHTING COMPANY, LLC	
Street Address:	370 W. TRIMBLE ROAD	
City:	SAN JOSE	
State/Country:	CALIFORNIA	
Postal Code:	95131	

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8039866

CORRESPONDENCE DATA

Fax Number: (650)742-0644

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.

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Email: paralegal@convergenceiplaw.com

Correspondent Name: CONVERGENCE INTELLECTUAL PROPERTY LAW P.C

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Address Line 4: LOS ALTOS, CALIFORNIA 94024

ATTORNEY DOCKET NUMBER:	LUMI-020US
NAME OF SUBMITTER:	ANEESH KRISHNAN
SIGNATURE:	/ANEESH/
DATE SIGNED:	12/21/2017

Total Attachments: 3

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PATENT 504698946 REEL: 044456 FRAME: 0931

OF \$40.00 117

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
M. George Craford	06/08/2007	
Michael R. Krames	06/08/2007	

RECEIVING PARTY DATA

Name:	Philips Lumileds Lighting Company, LLC	
Street Address:	370 W. Trimble Road	
City:	San Jose	
State/Country:	CALIFORNIA	
Postal Code:	95131	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	11760521	

CORRESPONDENCE DATA

Fax Number: (408)382-0481

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Correspondent Name: Rachel Leiterman
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Address Line 2: Ste. 223

Address Line 4: San Jose, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER: LUM-06-11-09

NAME OF SUBMITTER: Rachel Leiterman

Total Attachments: 2

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PATIENT REEL: 049450 FRANTE: 02921

408-967-5377

Attorney Docket No.: LUM-06-11-09

ASSIGNMENT

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

M. George Craford and Michael R. Krames

hereby sell, assign and transfer to Philips Lumileds Lighting Company, 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

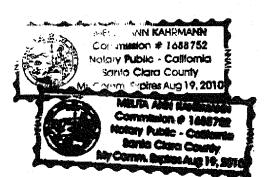
MOUNT FOR A SEMICONDUCTOR LIGHT EMITTING DEVICE

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 me; 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 8 day of June	16	, 200	07.	
	M	sla!		
^	М.	George Gra	ford	
State of California)				
State of California) ss. County of Santa Clara)				
On June 8, 2007 before personally appeared M. George Craf	me, Merita Ann	Kalynam	Notan	Public
personally appeared M. George Coast	vd		_ personally	
known to me or proved to me on the basis o	f satisfactory evide	nce to be the	e person(s) v	vhose
name(s) is(are) subscribed to the within inst	rument and acknow	vledged to m	e that he/sh	e/they
executed the same in his/hew/their authorized	I capacity(jes), and	that by his/	her/their	
signature(s) on the instrument the person(s)	or the entity upon	behalf of wl	nich the pers	ion(s)—
acted, executed the instrument.				
MALIE AND KANTHAND	WITNESS my har	nd and offici	iai scai.	
Commission # 1466762	MA /al	// <i></i>		
Hotory Actio - College a	SIGN (TIPE OF	NOTADV		
A CONTRACTOR OF THE PARTY OF TH	SIGNATURE OF	NOTARY		

Attorney Docket No.: LUM-06-11-09

Executed this grade day of June / , 2007.
Alla a C
Michael R. Krames
State of California)
State of <u>California</u>) State of <u>California</u>) Ss. County of <u>Santa Clara</u>)
On June 8, 2007 before me, Melita Anakah mann Notan Public personally appeared Michael R. Francs personally
personally appeared Michael R. Ecanes 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.

SIGNATURE OF NOTARY