*	RNEY DOCKET NO: LUM05-06-01 US U.S. DEPARTMENT OF COMMERCE
R 11-07-20	
TO THE HONORABLE DIRECTOR OF THL 1031141	
ORIGINAL DOCUMENTS OR COPY THEREOF.	
 Name of conveying party(ies): a. Gregory W. Eng 	2. Name and address of receiving party(ies):
c. Matthijs Keuper	Name: Lumileds Lighting U.S., LLC
d. Stefan Eberle	Street Address: 370 W. Trimble Road
e. Franklin J. Wall, Jr. Additional name(s) of conveying party(ies) attached?	City: San Jose, California 95131
🗌 Yes 🛛 No	Country: USA
3. Nature of Conveyance:	Name and address of receiving party(ies):
Assignment Merger	Name:
Security Agreement Change of Name	Street Address:
Other	City: State: Zip:
Execution Date: (a) 10/19/05; (b) 10/19/05; (c) 10/24/05; (d) 10/20/05;	Country:
(e) 10/19/05	Additional name(s) & address(es) attached?
	🗋 Yes 🖾 No
 A. Patent Application No.(s) - Title: Multiple Piece Reflective Angle Transformer 	B. Patent No.(s)
Additional number	ers attached?
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved: <u>1</u>
Name: Michael J. Halbert	
Internal Address: Silicon Valley Patent Group LLP	
Street Address: 2350 Mission College Boulevard, Suite 360	
City Santa Clara State CA Zip <u>95054</u>	7. Total fee (37 CFR 3.41): \$40.00
	Enclosed
02/2005 KBETEMA1 00000015 11262192	Charge Deposit Account 50-2263 for any additional
FC:8021 40.00 DP	fees required for this conveyance and credit deposit account 50-2263 any amounts overpaid
	HIS SPACE
8. Statement and signature.	
	n is true and correct and any attached copy is a true copy of the
8. Statement and signature. To the best of my knowledge and belief, the foregoing information original document.	is true and correct and any attached copy is a true copy of the \mathcal{O}
8. Statement and signature. To the best of my knowledge and belief, the foregoing information	This true and correct and any attached copy is a true copy of the $926000000000000000000000000000000000000$

PATENT REEL: 017172 FRAME: 0671

ASSIGNMENT

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

Gregory W. Eng, Mina Farr, Matthijs Keuper; Stefan Eberle; Franklin J. Wall, Jr.

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

MULTIPLE PIECE REFLECTIVE ANGLE TRANSFORMER

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 <u>19th</u> day of <u>OCTOBER</u> , 2005.
Hanes Es
State of <u>California</u>) County of <u>Santa Clara</u>) ss.
County of <u>Santa Clara</u>)
On October 19, 2005 before me, Kelly Teixeira, Notay indicpersonally appeared Gregory W. Eng 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.
VOR. THE
Kelley Letxina
SIGNATURE OF NOTARY

JNAIUKEUT NUIAKI

Page 1 of 3

PATENT REEL: 017172 FRAME: 0672

Attorney Docket No.: LUM05-06-01 US

Executed this 19 day of OCTOL , 2005.

Mina Farr

State of <u>California</u>) County of <u>Santa Clara</u>) SS.

On October 19, 2005 before me, Why Teixeira, Motary fullightersonally appeared Mina Farr 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's field they executed the same in his/het/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.

SIGNAT

Executed this <u>24</u> day of <u>OCTOBER</u> 2005. thijs Keuper State of California ss. County of Santa Clara

On <u>Detober</u> 24,2005 before me, <u>Sandra C Flores</u>, <u>Notary</u> personally appeared Matthijs Keuper 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.

SANDRA C. FLORES Comm. # 1509064 NOTARY PUBLIC-CALIFORNIA Seate Clear County Y Comm. Expires August 21, 2005	
 / commentation respect 21, 2000	

WITNESS my hand and official seal. ndra ! SIGNATURE OF NO

Page 2 of 3

PATENT REEL: 017172 FRAME: 0673

Attorney Docket No.: LUM05-06-01 US

Executed this 20 day of October 2005. Stefan Eberle State of <u>California</u>)

County of <u>Santa (lara</u>) ss.

On October 20, 2005 before me, <u>Velly Texella</u>, <u>Notary</u>, <u>Rublic</u> personally appeared Stefan Erberle 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.

Executed this 19 day of OCtobe. State of <u>California</u> County of <u>Shata Clara</u> SS.

Notary Public personally On OCTOBER 19, 2005 before me, Kelly Teixerka appeared Franklin J. Wall, Jr. 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 (x) on the instrument the person (x), or the entity upon behalf of which the person (x) acted, executed the instrument.



WITNESS my hand and official seal.

SIGNATURE OF NOTAR

SIGNATURE OF NOTAR

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RECORDED: 10/28/2005