

REC'D

11-10-2003

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TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE
ORIGINAL DOCUMENTS OR COPY THEREOF

102597225

PLEASE RECORD THE ATTACHED DOCUMENTS

1. Name of conveying party(ies):

- (a) Daniel A. Steigerwald (d) Michael J. Ludowise
(b) William D. Collins III (e) Jason L. Posselt
(c) Bob M. Fletcher

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Lumileds Lighting, U.S. LLCStreet Address: 370 W. Trimble RoadCity: San Jose State: California Zip: 95131Country: USA

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: October 30, 2003

Name and address of receiving party(ies):

Name:

Street Address:

City: _____ State: _____ Zip: _____

Country:

Additional name(s) & address(es) attached?

☐ Yes ☐ No

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: October 30, 2003

A. Patent Application No.(s) -

Title: Light Emitting Devices With Enhanced Luminous Efficiency

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Rachel V. LeitermanInternal Address: Patent Law Group LLPStreet Address: 2635 North First St., Suite 223City San Jose State CA Zip 951346. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$40.00

- ☒ Authorized to be charged to Deposit Account 502226
☒ Charge Deposit Account 502226 for any additional fees required for this conveyance and credit deposit account 502226 any amounts overpaid

DO NOT USE THIS SPACE

8. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Rachel V. Leiterman 46,868
Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

11/17/2003 EC00FER 00000093 502226 10699433

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ASSIGNMENT

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

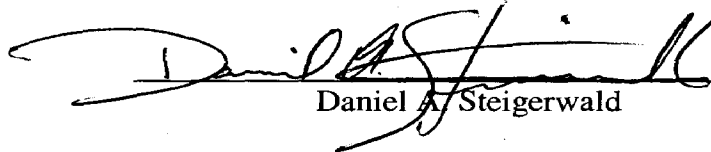
Daniel A. Steigerwald; William D. Collins III; Robert M. Fletcher;
Michael J. Ludowise; Jason L. Posselt

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

LIGHT EMITTING DEVICES WITH ENHANCED LUMINOUS EFFICIENCY

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 30 day of October, 2003.

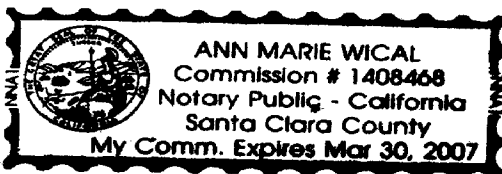

Daniel A. Steigerwald

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

On October 30, 2003 before me, Ann Marie Wical
personally appeared Daniel A. Steigerwald 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



Executed this 30 day of October, 2003.

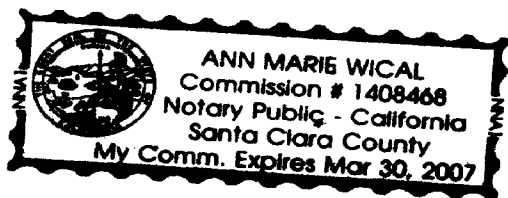
William D. Collins III
William D. Collins III

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

On October 30, 2003 before me, Ann Marie Wical
personally appeared William D. Collins III 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.

Ann Marie Wical
SIGNATURE OF NOTARY



Executed this 30 day of October, 2003.

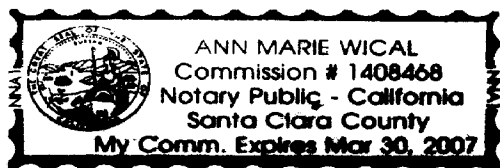
Robert M. Fletcher
Robert M. Fletcher

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

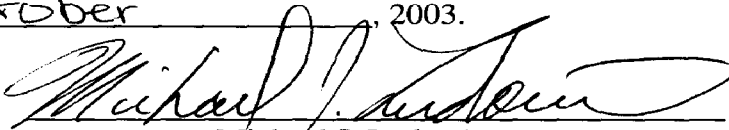
On October 30, 2003 before me, Ann Marie Wical
personally appeared Robert M. Fletcher personally
known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in 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.

Ann Marie Wical
SIGNATURE OF NOTARY



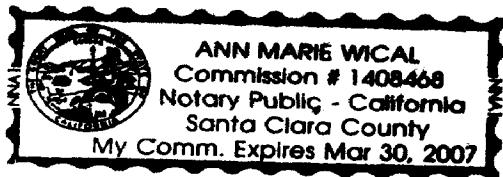
Executed this 30 day of October, 2003.



Michael J. Ludowise

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

On October 30, 2003 before me, Ann Marie Wical
personally appeared Michael J. Ludowise 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

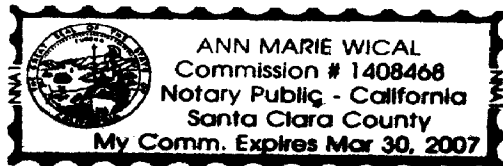
Executed this 30 day of October, 2003.


Jason L. Posselt

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

On October 30, 2003 before me, Ann Marie Wical
personally appeared Jason L. Posselt 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