

09-14-2001

ATTORNEY DOCKET NO: M-8633-1C US



101843165

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICER SHEET
LY

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

1. Name of conveying party(ies):

- (a) Michael D. Camras
(b) Michael R. Krames
(c) Wayne L. Snyder
(d) Frank M. Steranka
(e) Robert C. Taber
(f) John J. Uebbing
(g) Douglas W. Pocius
(h) Troy A. Trottier
(i) Christopher H. Lowery
(j) Gerd O. Mueller
(k) Regina B. Mueller-Mach
(l) Gloria E. Hofler

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

☒ Yes ☐ No

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

Name: LUMILEDS LIGHTING US, LLC

Street Address: 370 W. Trimble Road

City: San Jose CA 95131

Country: USA

3. Nature of Conveyance:

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

Execution Date: (a) June 18, 2001; (b) June 29, 2001; (c) June 19, 2001; (d) June 26, 2001; (e) July 26, 2001; (f) June 18, 2001; (g) June 22, 2001; (h) June 19, 2001; (i) June 18, 2001; (j) June 28, 2001; (k) June 28, 2001; (l) July 25, 2001

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: N/A

A. Patent Application No.(s) - 09/880,204

B. Patent No.(s)

Title: Light Emitting Diodes With Improved Light Extraction Efficiency

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: SKJERVEN MORRILL MacPHERSON LLP

Street Address: 25 METRO DRIVE, SUITE 700

09/13/2001 SAN JOSE 0000001 192386 090020495110
01 FC:581 40.00 CH

6. Total number of applications and patents involved: 1

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

☒ Authorized to be charged to Deposit Account 19-2386☒ Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 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.

Brian D. Ogonowsky 31,988
Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 8

PATENT
REEL: 012148 FRAME: 0235

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we Michael D. Camras, Michael R. Krames, Wayne L. Snyder, Frank M. Steranka Robert C. Taber, John J. Uebbing, Douglas W. Pocius, Troy A. Trottier, Christopher H. Lowery, Gerd O. Mueller, Regina B. Mueller-Mach, and Gloria E. Hofler hereby sell, assign and transfer to LumiLeds Lighting US, 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 DIODES WITH IMPROVED LIGHT EXTRACTION
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 18th day of June, 2001.

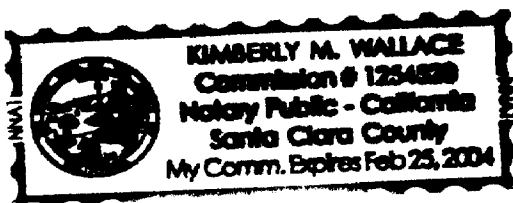
Michael D. Camras
Michael D. Camras

State of CA)
) ss.
County of Santa Clara

On June 18, 2001 before me, Kimberly M. Wallace, Notary Public
personally appeared Michael D. Camras personally
known to me or proved to me on the basis of satisfactory evidence to be the person(x) 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(x), or the entity upon behalf of which the person(x)
acted, executed the instrument.

WITNESS my hand and official seal.

Kimberly M. Wallace
SIGNATURE OF NOTARY



Executed this 29th day of June, 2001.

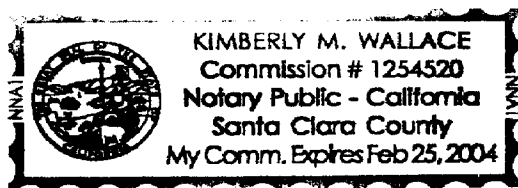
Michael R. Krames

Michael R. Krames

State of CA)
) ss.
County of Santa Clara

On June 29, 2001 before me, Kimberly M. Wallace, 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.



Kimberly M. Wallace
SIGNATURE OF NOTARY

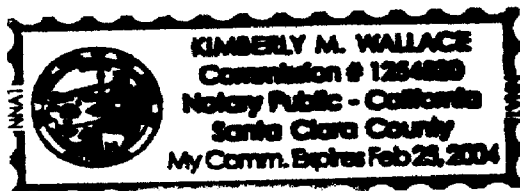
Executed this 19th day of June, 2001.

Wayne L. Snyder
Wayne L. Snyder

State of CA)
) ss.
County of Santa Clara

On June 19, 2001 before me, Kimberly M. Wallace, Notary Public personally appeared Wayne L. Snyder 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.



Kimberly M. Wallace
SIGNATURE OF NOTARY

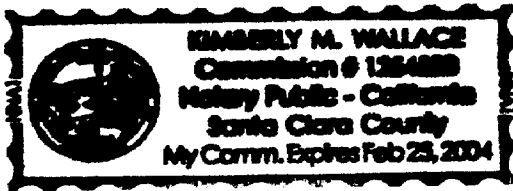
Executed this 26th day of June, 2001.

Frank M. Steranka

Frank M. Steranka

State of CA)
) ss.
County of Santa Clara

On June 26, 2001 before me, Kimberly M. Wallace, Notary Public
personally appeared Frank M. Steranka 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.

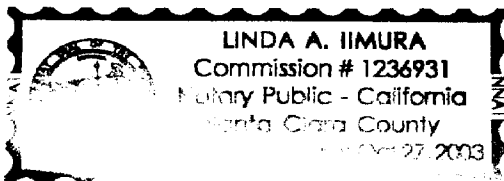
Kimberly M. Wallace
SIGNATURE OF NOTARY

Executed this 20th day of June, 2001.

Robert C. Taber
Robert C. Taber

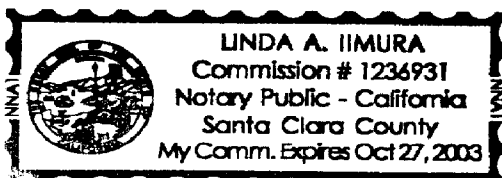
State of California)
) ss.
County of Santa Clara

On July 26, 2001 before me, Linda A. Iimura
personally appeared Robert C. Taber 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.

Linda A. Iimura
SIGNATURE OF NOTARY

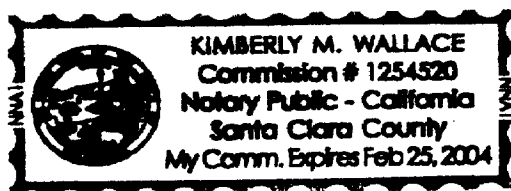


Executed this 18 day of June, 2001,

John J. Uebbing
John J. Uebbing

State of CA)
) ss.
County of Santa Clara

On June 18, 2001 before me, Kimberly M. Wallace, Notary Public
personally appeared John J. Uebbing 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.

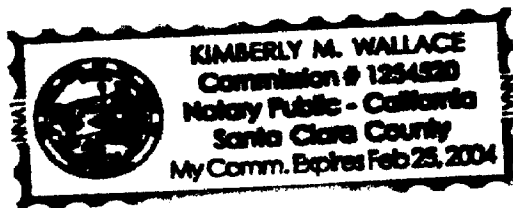
Kimberly M. Wallace
SIGNATURE OF NOTARY

Executed this 22 day of JUNE, 2001.

Douglas W. Pocius
Douglas W. Pocius

State of CA)
) ss.
County of Santa Clara


On June 22, 2001 before me, Kimberly M. Wallace, Notary Public
personally appeared Douglas W. Pocius 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.

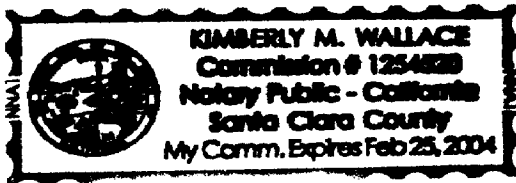
Kimberly M. Wallace
SIGNATURE OF NOTARY

19th
18th
Executed this 17 day of June, 2001.



Troy A. Trottier

State of CA)
) ss.
County of Santa Clara

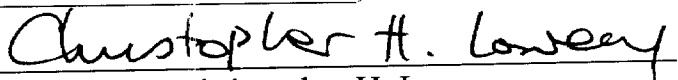
On June 19, 2001 before me, Kimberly M. Wallace, Notary Public
personally appeared Troy A. Trottier personally
known to me or ~~proved to me on the basis of satisfactory evidence~~ to be the person(s) whose
name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they
executed 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.

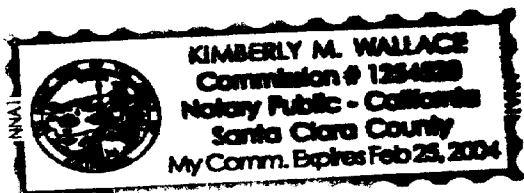

SIGNATURE OF NOTARY

Executed this 18 day of June, 2001.

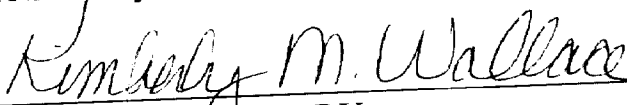

Christopher H. Lowery

State of CA)
) ss.
County of Santa Clara

On June 18, 2001 before me, Kimberly M. Wallace, Notary Public
personally appeared Christopher H. Lowery 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.

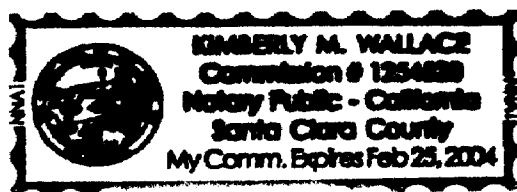

SIGNATURE OF NOTARY

Executed this 28 day of June, 2001.

Gerd O. Mueller
Gerd O. Mueller

State of CA)
) ss.
County of Santa Clara

On June 28, 2001 before me, Kimberly M. Wallace, Notary Public personally appeared Gerd O. Mueller 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.

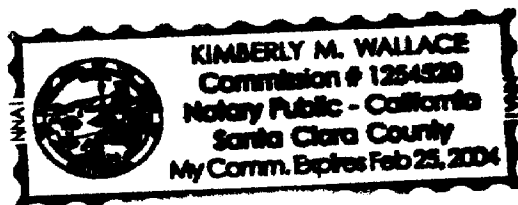
Kimberly M. Wallace
SIGNATURE OF NOTARY

Executed this 28 day of June, 2001.

Regina B. Mueller-Mach
Regina B. Mueller-Mach

State of CA)
) ss.
County of Santa Clara

On June 28, 2001 before me, Kimberly M. Wallace, Notary Public personally appeared Regina B. Mueller-Mach 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.

Kimberly M. Wallace
SIGNATURE OF NOTARY

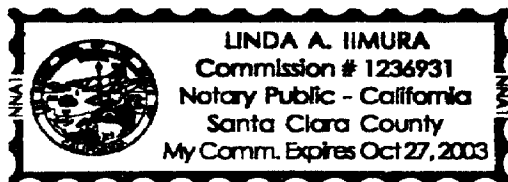
Executed this 25 day of July, 2001.

Gloria E. Hofler
Gloria E. Hofler

State of California)
) ss.
County of San Diego

On July 25, 2001 before me, Gloria E. Hofler
personally appeared Gloria E. Hofler 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.



Linda A. Iimura
SIGNATURE OF NOTARY