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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OF COPY THEREOF. Name and address of receiving party(ies): Name of conveying party(ies): 3-4-02 (A) Agilent Technologies, Inc. LumiLeds Lighting, U.S., LLC Street Address: 370 W. Trimble Road Additional name(s) of conveying party(ies) attached? City: San Jose California 95131 No. Yes Country: USA Name and address of receiving party(ies): 3. Nature of Conveyance: Assignment Merger Name: Change of Name Street Address: Security Agreement Zip: State: City: Other Country: Execution Date: 11/20/01; 1/7/02 Additional name(s) & address(es) attached? Yes \boxtimes No Application number(s) or patent number(s): See Attached Schedule A If this document is being filed together with a new application, the execution date of the application is: Patent No.(s) Patent Application No.(s) -See Attached Schedule A See Attached Schedule A \boxtimes Yes Additional numbers attached? 17 Total number of applications and patents involved: Name and address of party to whom correspondence concerning document should be mailed: Brian D. Ogonowsky SKJERVEN MORRILL MacPHERSON LLP internal Address: \$680.00 Total fee (37 CFR 3.41): 25 METRO DRIVE, SUITE 700 Street Address: Authorized to be charged to Deposit Account 19-2386 95110 Zio State <u>CA</u> City SAN JOSE Charge Deposit Account 19-2386 for any additional fees \boxtimes required for this conveyance and credit deposit account 19-2386 any amounts overpaid DO NOT USE THIS SPACE 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 8. Statement and signature. original document. 31.988 Brian D. Ogonowsky Total number of pages including cover sheet, attachments, and documents: 3 Signature Name of Person Signing

> PATENT REEL: 012683 FRAME: 0288

SCHEDULE A

Issued Patents

| Patent No. | Grant Date |
|------------|------------|
| | |
| 5,814,239 | 9/29/98 |
| 5,777,433 | 7/7/98 |
| 5,847,507 | 12/8/98 |
| 5,919,715 | 7/6/99 |
| 5,927,995 | 7/27/99 |
| 6,046,465 | 4/4/00 |
| 6,113,685 | 9/5/00 |
| 6,177,359 | 1/23/01 |

Pending Applications

| Serial No. | Filing Date |
|------------|-------------|
| | |
| 08/979,895 | 11/26/97 |
| 9,162,708 | 9/29/98 |
| 09/196,928 | 11/20/98 |
| 09/212,150 | 12/15/98 |
| 09/263,654 | 3/5/99 |
| 09/327,129 | 6/7/99 |
| 09/407,231 | 9/27/99 |
| 09/562,978 | 4/27/00 |
| 09/586,406 | 6/2/00 |
| | |

PATENT REEL: 012683 FRAME: 0289

PATENT AND PATENT APPLICATION ASSIGNMENT

WHEREAS, AGILENT TECHNOLOGIES, INC., a Delaware Corporation having its principal place of business in Palo Alto, California (hereinafter "Agilent"), is the owner, by assignment, of the United States Patent Applications and Patents identified in the attached Schedule A.

AND WHEREAS, LUMILEDS LIGHTING, U.S., LLC, a Delaware Limited Liability Company having its principal place of business in San Jose, California (hereinafter "LumiLeds"). desires to acquire the entire right, title and interest, including the right of priority, in, to and under the United States Patent Applications and Patents identified in said Schedule A.

NOW, THEREFOR, Agilent does hereby assign and transfer to LumiLeds the entire right, title, and interest, including the right of priority, in, to and under the United States Patent Applications and Patents identified in said Schedule A and the inventions and improvements set forth therein, and any and all continuations, continuations-in-part (C-I-P's) divisionals, and renewals of and substitutes for the United States Patent Applications and Patents identified in said Schedule A, and any and all Patents of the United States and of countries foreign thereto that may be granted thereon or therefore; and any reissues, or reexaminations, or extensions thereof.

IN WITNESS WHEREOF, Agilent and LumiLeds have caused this Assignment to be executed by their authorized representatives. Each such authorized representative hereby declares that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of any patents related thereto.

| AGILENT TECHNOLOGIES INC. | LUMILEDS LIGHTING U.S., LLC |
|--|---------------------------------|
| By: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | By: Mn D) |
| | Printed Name: M. George Craford |
| Printed Name: Patrick J. Barrett | |
| Title: Vice President. Assistant General Counsel And Director of Intellectual Property | Title: CTO |
| Date: 2 // // // | Date: |
| | |

RECORDED: 03/06/2002

PATENT REEL: 012683 FRAME: 0290