

FORM PTO-1595 (Rev. 6-93) Office OMB No. 0651-0011 (exp. 4/94)		RECORD <div style="display: flex; align-items: center; justify-content: center;"> <div> 09-03-2004 102829457 </div> </div>		U.S. DEPARTMENT OF COMMERCE Patent and Trademark	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): 9-104 Hewlett Packard Company Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: Lumileds Lighting U.S., LLC Internal Address: Street Address: 370 W. Trimble Road City: San Jose State: CA Country: USA Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other (Termination of Security Interest) Execution Date: August 20, 2004			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: A. Patent Application No.(s) 10/329,596 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Elizabeth E. Nugent Internal Address: Choate, Hall & Stewart Street Address: Exchange Place 53 State Street City: Boston State: MA ZIP: 02109			6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 03-1721 (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE					
9. Statement and signature. <i>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.</i> <div style="display: flex; justify-content: space-between;"> <div> <u>Elizabeth E. Nugent</u> Name of Person Signing Total number of pages including cover sheet, attachments, and document: 2 </div> <div style="text-align: center;"> Signature </div> <div style="text-align: right;"> <u>August 30, 2004</u> Date </div> </div>					

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents and Trademarks, Mail Stop Assignment Recordation Service
 Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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on

8/30/04
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PATENT
REEL: 015744 FRAME: 0449

ASSIGNMENT

WHEREAS, Hewlett Packard Company, a Delaware corporation having its principal place of business at 3000 Hanover Street, Palo Alto, CA 94304-1185 USA (hereinafter "Hewlett Packard"), is the owner, by assignment, of the following United States Patents and Patent Applications (hereinafter "the Applications"):

Application Nos.
09/167,795, now U.S. Patent 6,501,091
09/350,956
10/329,909
10/329,596
PCT US99/07219
EPO 99915206.9
JP 2000-541740

AND WHEREAS, LUMILEDS LIGHTING U.S., LLC a Delaware Limited Liability Company having its principal place of business at 370 W. Trimble Road, San Jose, CA 95131, (hereinafter "Lumileds Lighting"), desires to acquire the entire right, title and interest, including the right of priority, in, to and under the Applications.

NOW, THEREFOR, Hewlett Packard does hereby assign and transfer to Lumileds Lighting the entire right, title, and interest, including the right of priority, in, to and under the Applications 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 Applications, 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, Hewlett Packard and Lumileds Lighting 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.

HEWLETT PACKARD COMPANY

LUMILEDS LIGHTING U.S., LLC

By: Charles N. Charnas

By: Lou Dado

Printed Name: Charles N. Charnas

Printed Name: Lou Dado

Title: Vice President, Deputy General Counsel
And Assistant Secretary

Title: Intellectual Property Mgr.

Date: Aug. 20, 2004

Date: August 26th, 2004

RECORDED: 09/01/2004

PATENT
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