To the Director, U.S. Patent and Trac

d original documents or copy thereof.

1. Name of conveying party(ies): or numbers for multiple parties) 1. Bruce R. Ferguson 2. George C. Henry 3. Roger Holliday Additional name(s) of conveying party(ies) attached? () Yes (X) No 3. Nature of conveyance: (X) Assignment () Security Agreement () Merger () Change of Name () Other: Execution Date: (List as in section 1 if multiple signatures) 1. December 16, 2004 2. December 16, 2004 3. December 16, 2004 5. Party to whom correspondence concerning document should be mailed: Customer No. 20,995 Return Fax: (949) 760-9502	Name: Microsemi Corporation Street Address: 2381 Morse Avenue City: Irvine State: CA ZIP: 92614 Additional name(s) of receiving party(ies) attached? () Yes (X) No 4. US or PCT Application number(s) or US Patent number(s): (X) Patent Application No.: 10/937,889 Filling Date: September 9, 2004 Additional numbers attached? () Yes (X) No 6. Total number of applications and Detertis involved: 1					
Attorney's Docket No.: MSEMI.097A 7. Total fee (37 CFR 1.21(h)): \$40	8. Deposit account number: 11-1410					
(X) Enclosed	Please charge this account for any additional fees which may be required, or credit any overpayment to this account.					
9. 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. Sharon S. Ng Name of Person Signing Signature 53,383 Registration No.						
Total number of pages including cover sheet, attachments and document: 3 Documents transmitted via Mail to be recorded with required cover sheet information to:						
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PATENT REEL: 016117 FRAME: 0856 Application No.: 10/937,889 Client Code: MSEMI.097A Filing Date: September 9, 2004 Page 1

ASSIGNMENT

WHEREAS, we, Bruce R. Ferguson, a US citizen, residing at 516 S. Morningstar Drive, Anaheim, CA 92808, George C. Henry, a US citizen, residing at 603 Country Club Drive #415, Simi Valley, CA 93065, and Roger Holliday, a US citizen, residing at 10692 Crawford Canyon, Santa Ana, CA 92705, have invented certain new and useful improvements in a OPTICAL AND TEMPERATURE FEEDBACKS TO CONTROL DISPLAY BRIGHTNESS for which we have filed an application for Letters Patent in the United States, Application No. 10/937,889, Filed on September 9, 2004;

AND WHEREAS, Microsemi Corporation (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 2381 Morse Avenue, Irvine, CA 92614, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16 day of December, 2004-

Bruce R. Ferguson

STATE OF CAMPORNIA | ss.

On the personally appeared Bruce R. Ferguson 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 executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

[SEAL] WITNSCH De la control de la completa del completa de la completa de la completa del completa de la completa del la completa del la completa de la completa del la comp

Notary Signature

PATENT REEL: 016117 FRAME: 0857

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Application	No.:	10/93	7,8	89
Filing Date:	Sept	ember	9.	2004

Client Code: MSEMI.097A

Page 2

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this //g day of Wecember, 2004.
George Callenn
STATE OF CALIFORNIA) SS. COUNTY OF OKANIE)
COUNTY OF OKANGE ss.
On Nec is 1000, before me, 100 PTRSCA , personally appeared George C. Henry personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/ar subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his 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.
[SEAL] MY-MASH NGLYEN Committee 1490183 Notary Public - California Orange County My Comm. Expires May 18, 2008
IN TESTIMONY WHEREOF, I hereunto set mythand and real this the day of, 20, 20
STATE OF CALIFORNIA) SS. COUNTY OF ORANGE
COUNTY OF ORANGE SS.
On the 16, 2004, before me,, personally appeared Roger Hollida; personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/an subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his 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.
[SEAL] MANNEN TOWN Notary Signature

RECORDED: 01/04/2005

PATENT REEL: 016117 FRAME: 0858