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RECORDATION FOR	
PATENTS ONLY	
To the Director of the U.S. Patent and Trademark Office; Please record the attached documents or the new address(es) below.	
Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(les)
Michael J. Collins	Name: National Semiconductor Corporation
	Internal Address:
Execution Date(s): April 11, 2005	Street Address:
Additional name(s) of conveying party(ies) attached? Yes X No	
3. Nature of Conveyance:	2900 Semiconductor Drive
X Assignment Merger	
Security Agreement Change of Name	City: Santa Clara
Government Interest Assignment	State: California
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 95051-8090
Other	Additional name(s) & address(es) Yes X No attached:
A. Patent Application No.(s) 11/073,035 Additional numbers attached?	B. Patent No.(s) Yes X No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Matthew M. Gaffney	10.00
DARBY & DARBY P.C.	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Dkt.: 08211/0202173-US0	Authorized to be charged by credit card
Street Address: P.O. Box 5257	Authorized to be charged to deposit account
	Enclosed
	None required (government interest not affecting title)
City: New York	8. Payment Information
State: NY Zip: 10150-5257	a. Credit Card Last 4 Numbers
Phone Number: (206) 262-8900	Expiration Date
Fax Number: (212) 753-6237	b. Deposit Account Number 04-0100 Authorized User Name Matthew M. Gaffnev
Email Address: mgaffney@darbylaw.com	Authorized Oser Name Watthew W. Gamley
9. Signature: Male Samuel	April 15, 2005
Signature/	Total as web as a financial series
Matthew M. Gaffney / 4/6,717 Name of Person Signing	sheet, attachments, and documents:

PATENT REEL: 016088 FRAME: 0431 Attorney Docket No.: 08211/0202173-US0/P06161

ASSIGNMENT

DARBYFAX

I, Michael J. Collins, a citizen of US, residing at 1100 East 17th Avenue, Apt. E201; Longmont, Colorado 80501;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

National Semiconductor Corporation

a Corporation organized under the laws of Delaware, located at 2900 Semiconductor Drive, Santa Clara, California 95051-8090 (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, throughout the world in and to my Invention entitled:

APPARATUS AND METHOD FOR BACK-LIGHT WHITE LED DRIVER

invented by me and described in Patent Application No. 11/073,035, filed on March 4, 2005, in United States of America; and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not be made;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful

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rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Date: 4/11/05	D KE
United States of America State of Colorado ss County of Roulds	ii <u>Hero</u>
On this day of April personally came Michael J. Collins described in and who executed the foregoing inst	to me known to be the individual rument, and acknowledged execution
of the same.	Notary Public my commentary 8/20/06

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PAGE 07/07 200/200 🗷 RECORDED: 04/15/2005

REEL: 016088 FRAME: 0433