

U.S. DEPARTMENT OF COMMERCE RECORDATION FORM COVER SHEET U.S. Patent and Trademark Office PATENTS ONLY MB No. 0651-0027 (exp. 6/30/2005) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Name: Intel Corporation Don J. Nguyen Internal Address: ___ Additional name(s) of conveying party(ies) attached? Yes V No 3. Nature of conveyance: ✓ Assignment Merger Street Address: 2200 Mission College Blvd. Security Agreement Change of Name Other City: Santa Clara State: CA Zip: 95052-8119 06/16/2003 Execution Date: Additional name(s) & address(es) attached? Yes V 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:_____ A. Patent Application No.(s) 10/463,286 B. Patent No.(s) Additional numbers attached? Yes 🗸 No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$\frac{40.00}{} David N. Tran Name: Enclosed SC4-202 Internal Address: Authorized to be charged to deposit account 00000079 500221 40.00 BA 8. Deposit account number: P.O. Box 5326 Street Address: 50-0221 City: Santa Clara State: CA Zip: 95056-5326 DO NOT USE THIS SPACE 9. Signature. December 3, 2003 David N. Tran

> Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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

Name of Person Signing

Date

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I (we), the undersigned inventor(s), hereby sell, assign, and transfer to Intel Corporation, a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 95052, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent entitled:

METHOD AND APPARATUS FOR REDUCING DISPLAY POWER CONSUMPTION BY CONTROLLING PIXEL COLOR

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below, and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

24 24		On the line below, please enter the date on which you signed the accompanying "Declaration and Power of Attorney":
Don J. Nguyen	(Today's Date)	6/16/03 (Date of Declaration)
(Inventor Name)	(Today's Date)	(Date of Declaration)
(Inventor Name)	(Today's Date)	(Date of Declaration)
(Inventor Name)	(Today's Date)	(Date of Declaration)

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RECORDED: 12/08/2003

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PATENT REEL: 014781 FRAME: 0088

Note to each inventor: