 o the Director, U.S. Patent and Trademark C 1C 1. Name of conveying party(ies): (List using letters or numbers for multiple parties) 1. Brian J. Gally 2. William J. Cummings Additional name(s) of conveying party(ies) attached? () Yes (X) No 	2. Name and address of receiving party(ies): Name: IDC, LLC Internal Address: Street Address: 2415 Third Street City: San Francisco State: CA ZIP: 94107 Additional name(s) of receiving party(ies) attached	113013 U.S. PTO 11/208167
 3. Nature of conveyance: (X) Assignment () Security Agreement () Merger () Change of Name 	() Yes (X) No	
 Other: Execution Date: (List as in section 1 if multiple signatures) 1. August 19, 2005 2. August 19, 2005 	 4. US or PCT Application number(s) or US Patent number(s): (X) Application(s) filed herewith Additional numbers attached? () Yes (X) No 	
 5. Party to whom correspondence concerning document should be mailed: Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: IRDM.167A2 	 Total number of applications and patents involved: 1 	
7. Total fee (37 CFR 1.21(h)): \$40 (X) Enclosed	8. Deposit account number: 11-1410 Please charge this account for any additional fee which may be required, or credit any overpayme to this account.	
is a true copy of the original document.	ng information is true and correct, and any attached co	ору
Total number of pages including cove ocuments transmitted via Mail to be recorded with require	r sheet, attachments and document: 4	
Mail Stop Assignmen Director, U.S. Patent P.O. B	a cover sneet information to: t Recordation Services and Trademark Office ox 1450 A 22313-1450	

ASSIGNMENT

WHEREAS, we, Brian J. Gally, a USA citizen, residing at 346 Bella Vista Avenue, Los Gatos, CA 95032, and William J. Cummings, a USA citizen, residing at 149 Ashton Avenue, Millbrae, CA 94030, have invented certain new and useful improvements in a METHOD AND DEVICE FOR MANIPULATING COLOR IN A DISPLAY for which we caused to be filed an application for Letters Patent in the United States; and we hereby authorize and request the attorneys of Knobbe, Martens, Olson & Bear, LLP, Customer No. 20,995, to insert here in parentheses (Application Number , filed) the filing date and application number of said application when known;

AND WHEREAS, IDC, LLC (hereinafter "ASSIGNEE"), a Delaware limited liability company, with its principal place of business at 2415 Third Street, San Francisco, CA 94107, 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 us 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 the said ASSIGNEE, its 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 the said 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 me 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 _____ day of ______, 20__.

William J. Cummings

Application No.: Unknown Filing Date: Herewith PATENT Client Code: IRDM.167A2/IDC-040028U5 Page 1

ASSIGNMENT

WHEREAS, we, Brian J. Gally, a USA citizen, residing at 346 Bella Vista Avenue, Los Gatos, CA 95032, and William J. Cummings, a USA citizen, residing at 149 Ashton Avenue, Millbrae, CA 94030, have invented certain new and useful improvements in a METHOD AND DEVICE FOR MANIPULATING COLOR IN A DISPLAY for which we caused to be filed an application for Letters Patent in the United States; and we hereby authorize and request the attorneys of Knobbe, Martens, Olson & Bear, LLP, Customer No. 20,995, to insert here in parentheses (Application Number ______, filed ______) the filing date and application number of said application when known;

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 20__.

Brian J. Gally
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this <u>May of August</u> , 2005
William J. Cummings

IN TESTIMONY WHEREOF, acknowledged by IDC, LLC this _____ day of ______, 20___.

IDC, LLC

Name: Title:

1877222-gem081805

ASSIGNMENT

WHEREAS, we, Brian J. Gally, a USA citizen, residing at 346 Bella Vista Avenue, Los Gatos, CA 95032, and William J. Cummings, a USA citizen, residing at 149 Ashton Avenue, Millbrae, CA 94030, have invented certain new and useful improvements in a METHOD AND DEVICE FOR MANIPULATING COLOR IN A DISPLAY for which we caused to be filed an application for Letters Patent in the United States; and we hereby authorize and request the attorneys of Knobbe, Martens, Olson & Bear, LLP, Customer No. 20,995, to insert here in parentheses (Application Number , filed) the filing date and application number of said application when known;

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 19 day of	Augost , 2005
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Her Colle Brian J. Gally

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 20___.

William J. Cummings

Application No.: Unknown Filing Date: Herewith PATENT Client Code: IRDM.167A2/IDC-040028U5 Page 1

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 20__.

Brian J. Gally
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 4 day of August, 2065
V

IN TESTIMONY WHEREOF, acknowledged by IDC, LLC this _____ day of ______, 20___.

IDC, LLC

Name: Title:

1877222-gem081805