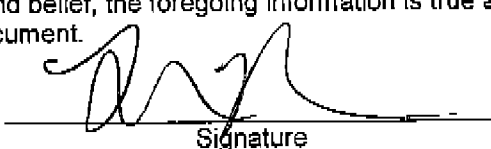
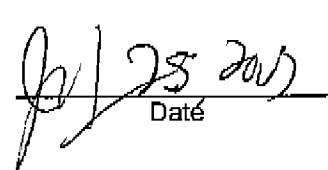


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**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): (List using letters or numbers for multiple parties)</p> <p>1. Clarence Chui 2. William J. Cummings 3. Brian J. Gally</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p>( ) Yes (X) No</p>	<p>2. Name and address of receiving party(ies):</p> <p><b>Name:</b> IDC, LLC</p> <p><b>Internal Address:</b></p> <p><b>Street Address:</b> 2415 Third Street</p> <p><b>City:</b> San Francisco <b>State:</b> CA</p> <p><b>ZIP:</b> 94107</p> <p>Additional name(s) of receiving party(ies) attached?</p> <p>( ) Yes (X) No</p>
<p>3. Nature of conveyance:</p> <p>(X) Assignment ( ) Security Agreement</p> <p>( ) Merger ( ) Change of Name</p> <p>( ) Other:</p> <p>Execution Date: (List as in section 1 if multiple signatures)</p> <p>1. June 8, 2005 2. June 8, 2005</p> <p>3. June 6, 2005</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p>(X) Patent Application No.: 11/112,734</p> <p>Filing Date: April 22, 2005</p> <p>Additional numbers attached?</p> <p>( ) Yes (X) No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p><b>Customer No.</b> 20,995</p> <p><b>Address:</b> Knobbe, Martens, Olson &amp; Bear, LLP</p> <p>2040 Main Street, 14<sup>th</sup> Floor</p> <p>Irvine, CA 92614</p> <p><b>Return Fax:</b> (949) 760-9502</p> <p><b>Attorney's Docket No.:</b> IRDM.048A</p>	<p>6. Total number of applications and patents involved: 1</p>
<p>7. Total fee (37 CFR 1.21(h)): \$40</p> <p>(X) Authorized to be charged to deposit account</p>	<p>8. Deposit account number: 11-1410</p> <p>Please charge this account for any additional fees which may be required, or credit any overpayment to this account.</p>
<p>9. Statement and signature.</p> <p>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.</p> <p><u>John Rickenbrode</u></p> <p>Name of Person Signing</p> <p>57,067</p> <p>Registration No.</p> <p></p> <p>Signature</p> <p></p> <p>Date</p> <p>Total number of pages including cover sheet, attachments and document: 3</p>	

Documents transmitted via Facsimile to be recorded with required cover sheet information to:

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**PATENT**  
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PATENT

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Application No.: 11/112734  
Filing Date: April 22, 2005

### ASSIGNMENT

WHEREAS, we, Clarence Chui, a USA citizen, residing at 1954 Los Altos Drive, San Mateo, CA 94402, William J. Cummings, a USA citizen, residing at 149 Ashton Avenue, Millbrae, CA 94030, and Brian J. Gally, a USA citizen, residing at 86 Embarcadero Way, San Rafael, CA 94901, have invented certain new and useful improvements in a METHOD AND DEVICE FOR MULTISTATE INTERFEROMETRIC LIGHT MODULATION for which we have executed an application for Letters Patent in the United States, Application No. 11/112734, filed on April 22, 2005;

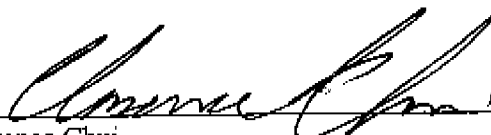
AND WHEREAS, IDC, LLC (hereinafter "ASSIGNEE"), a Delaware limited liability company, with its principal place of business at 2415 Third Street, San Francisco, CA 94107, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to 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, his 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, his 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, his 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, his 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 28 day of June,  
2005

  
Clarence Chui

PATENT

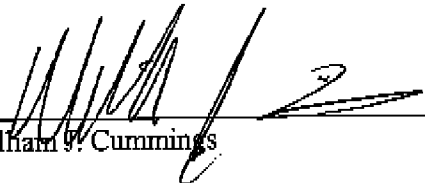
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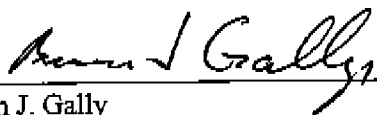
Application No.: 11/112734  
Filing Date: April 22, 2005

Client Code: IRDM.048A/IDC-040012  
Page 2

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 8<sup>th</sup> day of June, 2005.

  
\_\_\_\_\_  
William G. Cummings

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 6 day of June BIG, 2005.

  
\_\_\_\_\_  
Brian J. Gally

IN TESTIMONY WHEREOF, acknowledged by IDC, LLC this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

IDC, LLC

\_\_\_\_\_  
Name:

Title:

1614728  
041505

PATENT

RECORDED: 07/25/2005

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