

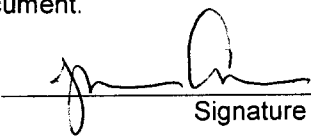


To the Director, U.S. Patent and Trademark Office

Documents or copy thereof.

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<p>1. Name of conveying party(ies): (List using or numbers for multiple parties)</p> <p>1. Manish Kothari, 2. Clarence Chui, 3. Gaurav Sethi, 4. Jeffrey B. Sampsell</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p>( ) Yes (X) No</p>	<p>Name: IDC, LLC Internal Address: Street Address: 2415 Third Street City: San Francisco State: CA ZIP: 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 ( ) Merger ( ) Change of Name ( ) Other:</p> <p>Execution Date: (List as in section 1 if multiple signatures) 1. July 8, 2005 2. July 8, 2005 3. July 8, 2005 4. July 8, 2005</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p>(X) Application(s) filed herewith</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 2040 Main Street, 14<sup>th</sup> Floor Irvine, CA 92614</p> <p><b>Return Fax:</b> (949) 760-9502</p> <p><b>Attorney's Docket No.:</b> IRDM.113A/IDC-040075</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) Enclosed</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>Thomas R. Arno</u> Name of Person Signing</p> <p> Signature</p> <p><u>7/8/05</u> Date</p> <p>40,490 Registration No.</p> <p>Total number of pages including cover sheet, attachments and document: 4</p>	

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

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Alexandria, VA 22313-1450

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**ASSIGNMENT**

WHEREAS, We, Manish Kothari, a India citizen, residing at 22460 Palm Avenue, Cupertino, California, 95014, Clarence Chui, a United States citizen, residing at 1954 Los Altos Drive, San Mateo, California, 94402, Gaurav Sethi, a United States citizen, residing at 5074 South Forestdale Circle, Dublin, California, 94568, and Jeffrey B. Sampsell, a United States citizen, residing at 190 Ryland Street, #4202, San Jose, California, 95110, have invented certain new and useful improvements in a SYSTEM AND METHOD FOR PROVIDING A VARIABLE REFRESH RATE OF AN INTERFEROMETRIC MODULATOR DISPLAY for which we have executed 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 me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said inventor, do hereby acknowledge that I 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 I 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 I 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.

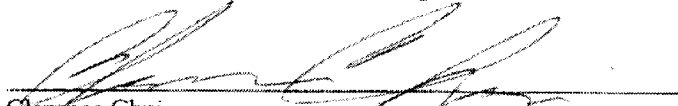
AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, 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 8 day of July, 2005



\_\_\_\_\_  
Manish Kothari

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 8 day of July, 2005.

  
Clarence Chui

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

  
Gaurav Sethi

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

\_\_\_\_\_  
Jeffrey B. Sampsell

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

IDC, LLC  
\_\_\_\_\_  
Name:  
Title:

1786815  
062305

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

\_\_\_\_\_  
Clarence Chui

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\_\_\_\_\_  
Gaurav Sethi

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

  
\_\_\_\_\_  
Jeffrey B. Sampson

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IDC, LLC

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

Title:

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AND I 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.

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Clarence Chui

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Gaurav Sethi

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\_\_\_\_\_  
Jeffrey B. Sampsell

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

IDC, LLC

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

Title:

Application No.: Unknown  
Filing Date: Herewith

PATENT  
Client Code: IRDM.113A/ IDC-040075  
Page 2

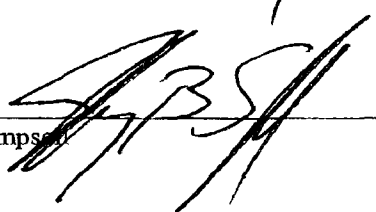
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Gaurav Sethi

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Jeffrey B. Sampson

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IDC, LLC

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

Title:

1786815  
062305

RECORDED: 07/08/2005

PATENT  
REEL: 016777 FRAME: 0824