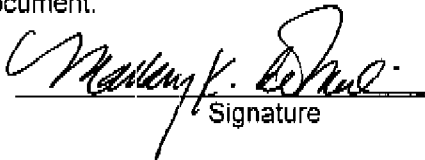


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To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

<p>1. Name of conveying parties:</p> <p>1. Clarence Chui 2. Manish Kothari</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p align="center">() Yes (X) No</p>	<p>2. Name and address of receiving party:</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 align="center">() Yes (X) No</p>
<p>3. Nature of conveyance:</p> <p>(X) Assignment () Security Agreement () Merger () Change of Name () Other:</p> <p>Execution Date:</p> <p>1. April 4, 2005 2. April 6, 2005</p>	<p>4. US Patent Application:</p> <p>(X) Patent Application No.: 12/578,547 Filing Date: October 13, 2009</p> <p>Additional numbers attached?</p> <p align="center">() Yes (X) No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p>Customer No. 59,747</p> <p>Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614</p> <p>Return Fax: (949) 760-9502</p> <p>Attorney's Docket No.: IRDM.044C1</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>Mallory K. de Merlier</u> Name of Person Signing</p> <p align="center"> Signature</p> <p align="right"><u>20 May 2010</u> Date</p> <p>51,609 Registration No.</p> <p align="right">Total number of pages including cover sheet, attachments and document: 2</p>	

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Application No.: Unknown

Filing Date: Herewith

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Client Code: IRDM.044A/IDC-040008

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ASSIGNMENT

WHEREAS, We, Clarence Chui, a U.S. citizen, residing at 1954 Los Altos Drive, San Mateo, CA 94402, and Manish Kothari, an Indian citizen, residing at 22460 Palm Avenue, Cupertino, CA 95014, have invented certain new and useful improvements in a METHOD AND SYSTEM FOR WRITING DATA TO MEMS DISPLAY ELEMENTS for which I caused to be filed an application for Letters Patent in the United States; and I hereby authorize and request the attorneys of Knobbe, Martens, Olson & Bear, LLP, Customer No. 20,995, to insert here in parentheses (Application Number 11/100,762, filed 4/6/05) the filing date and application number of said application when known;

AND WHEREAS, IDC, LLC (hereinafter "ASSIGNEE"), a Delaware Corporation, 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, 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, successors, legal representatives and assigns, in accordance with the terms of this instrument.

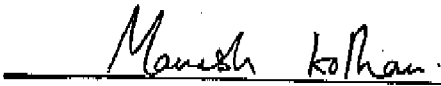
AND I DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, 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 I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, 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, 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 4th day of April, 2005


Clarence Chui

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 6th day of April, 2005


Manish Kothari