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

1. Name of conveying parties:
   1) Clarence Chui
   2) William J. Cummings
   3) Brian J. Gally
   4) Ming-Hau Tung

   Additional name(s) of conveying party(ies) attached?
   ( ) Yes (x) No

2. Name(s) of receiving party(ies):
   Name: IDC, LLC.
   Street Address: 2415 Third Street
   City: San Francisco State: CA
   ZIP: 94107

   Additional name(s) of receiving party(ies) attached?
   ( ) Yes (x) No

3. Nature of conveyance:
   (x) Assignment ( ) Security Agreement
   ( ) Merger ( ) Change of Name
   ( ) Other:

   Execution Date:
   1) September 21, 2005
   2) September 7, 2005
   3) September 9, 2005
   4) September 20, 2005

4. US or PCT Application number(s) or US Patent number(s):
   (x) Patent Application No.: 11/189,690
   Filing Date: July 26, 2005

   Additional numbers attached?
   (x) Yes ( ) 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
   Atty. Docket No.: IRDM.017CP1/IDC-0038B1

6. 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 fees which may be required, or credit any overpayment to this account.

   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.

   Joseph J. Mallon
   Name of Person Signing

   Signature

   Date 10/4/05

   39,287
   Registration No.

Total number of pages including cover sheet, attachments and document: 3

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

Mail Stop Assignment Recordation Services
Director, U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
ASSIGNMENT

WHEREAS, we, Clarence Chui, a United States citizen, residing at 1954 Los Altos Drive, San Mateo, CA 94402, William J. Cummings, a United States citizen, residing at 149 Ashton Avenue, Millbrae, CA 94030, Brian J. Gally, a United States citizen, residing at 346 Bella Vista Avenue, Los Gatos, CA 95032, and Ming-Hau Tung, a United States citizen, residing at 1712 48th Avenue, San Francisco, CA 94122 have invented certain new and useful improvements in a SYSTEM AND METHOD FOR MICRO-ELECTROMECHANICAL OPERATION OF AN INTERFEROMETRIC MODULATOR for which we have filed an application for Letter Patent in the United States as Application No. 11/189,690 on July 26, 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 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 26th day of September, 2005.

[Signature]
Clarence Chui

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 7th day of Sept, 2005.

[Signature]
William J. Cummings
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 9th day of September, 2005.

Brian J. Gally

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 20th day of September, 2005.

Ming-Hao Tung

IN TESTIMONY WHEREOF, acknowledged by IDC, LLC this ___ day of __________, 20__.

IDC, LLC

Name: ________________________________
Title: _________________________________