Client Code: IRDM.187C1

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1. Name of conveying parties: 2. Name and address of receiving party: 1. Brian J. Gally 2. William J. Cummings Additional name(s) of conveying party(ies) attached? () Yes (X) No 3. Nature of conveyance: (X) Assignment () Merger () Other: 2. Name and address of receiving party: 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? () Yes (X) No 4. US Patent Application:	
2. William J. Cummings Additional name(s) of conveying party(ies) attached? () Yes (X) No 3. Nature of conveyance: (X) Assignment () Security Agreement () Merger () Change of Name Internal Address: Street Address: 2415 Third Street City: San Francisco State: CA ZIP: 94107 Additional name(s) of receiving party(ies) attached? () Yes (X) No	
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() Other:	
4. US Patent Application:	
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Execution Date: 1. October 5, 2005 (X) Patent Application No.: 11/969,818 Eiling Pate: Japanes 4, 2008	
2. October 7, 2005	
Additional numbers attached?	
() Yes (X) No	
Party to whom correspondence concerning document should be mailed: Total number of applications and patents involved: 1	
Customer No. 59,747	
Address: Knobbe, Martens, Olson & Bear, i.LP 2040 Main Street, 14 th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: IRDM.187C1	
7. Total fee (37 CFR 1.21(h)); \$40 8. Deposit account number: 11-1410	
(X) Authorized to be charged to deposit account Please charge this account for any additional fees which may be required, or credit any overpayment to this account.	
9. Statement and signature.	
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	
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9132772/slm 060210

> PATENT REEL: 024471 FRAME: 0875

Application No.: 11/194,046

Filing Date: July 29, 2005

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PATENT Client Code: IRDM.187A/IDC-040031U3

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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, Milibrae, CA 94030, have invented certain new and useful improvements in a SYSTEM AND METHOD OF IMPLEMENTATION OF INTERFEROMETRIC MODULATORS FOR DISPLAY MIRRORS for which we caused to be filed an application for Letters Patent in the United States; Application No. 11/194,046, filed on July 29, 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 5 day of October, 2005

Brian J. Gally

IN TESTIMONY WHEREOF, I hereunto set my hand and scal this

of UCMDV_, 20 0

William J. Cummings

PATENT

REEL: 024471 FRAME: 0876

RECORDED: 06/02/2010