


Client Code: IRDM.150D1

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

1. Name of conveying party(ies): (List using letters or numbers for multiple parties) 1. William J. Cummings 2. Brian J. Gally Additional name(s) of conveying party(ies) attached? () Yes (X) No	2. Name and address of receiving party(ies): Name: IDC, LLC Street Address: 2415 Third Street City: San Francisco, 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: (List as in section 1 if multiple signatures) 1. August 31, 2005 2. August 31, 2005	4. US or PCT Application number(s) or US Patent number(s): (X) Patent Application No.: 13/162159 Filing Date: June 16, 2011 Additional number(s) attached? () Yes (X) No
5. Party to whom correspondence concerning document should be mailed: Customer No. 59,747 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14 th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: IRDM.150D1	6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h)): \$40 (X) Authorized to be charged to deposit account	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.
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. <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <u>Cort Wetherald</u> Name of Person Signing 67,723 Registration No. </div> <div style="width: 30%; text-align: center;">  _____ Signature </div> <div style="width: 30%; text-align: center;"> <u>9/13/11</u> _____ Date </div> </div> Total number of pages including cover sheet, attachments and document: 3	

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PATENT
REEL: 026902 FRAME: 0507

CH \$40.00 111410 13162159

Application No.: Unassigned
Filing Date: Herewith

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Client Code: IRDM.150A / IDC-040023U5
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ASSIGNMENT

WHEREAS, we, William J. Cummings, a United States citizen, residing at 149 Ashton Avenue, Millbrae, CA 94030, and Brian J. Gally, a United States citizen, residing at 346 Bella Vista Avenue, Los Gatos, CA 95032, have invented certain new and useful improvements in METHODS FOR VISUALLY INSPECTING INTERFEROMETRIC MODULATORS FOR DEFECTS for which we caused to be filed 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 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 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, 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

31 day of August, 2008


William J. Cummings

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

31 day of August, 2005


Brian J. Gally

Application No.: Unassigned
Filing Date: Herewith

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

IDC, LLC

Name:
Title:

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