

09-13-2005

11-218887
nal documents or copy thereof.

To the Director, U.S. Patent and Trademark

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113013 U.S. PTO
11/218887

090205

1. Name of conveying party(ies): (List using letters or numbers for multiple parties)

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

Execution Date: (List as in section 1 if multiple signatures)

1. September 2, 2005
2. September 2, 2005

2. Name and address 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

4. US or PCT Application number(s) or US Patent number(s):

(X) Application(s) filed herewith

Additional numbers attached?

() Yes (X) 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

Attorney's Docket No.:

IRDM.063A1 / IDC-040026U1

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.

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.

Thomas R. Arno

Name of Person Signing

Signature9/2/05
Date40,490
Registration No.

Total number of pages including cover sheet, attachments and document: 5

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

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Mail Stop Assignment Recordation Services

Director, U.S. Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

1912919/cfn/090205

Application No.: []
Filing Date: []

PATENT
Client Code: [IRDM.063A1 / IDC-040026U1]
Page 1

ASSIGNMENT

WHEREAS, WE, Brian J. Gally, a United States citizen, residing at 346 Bella Vista Avenue, Los Gatos, CA 95032 and William J. Cummings, a United States citizen, residing at 149 Ashton Avenue, Millbrae, CA 94030 have invented certain new and useful improvements in a METHOD AND SYSTEM FOR DRIVING INTERFEROMETRIC MODULATORS 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 2 day of September, 2005



Brian J. Gally

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

William J. Cummings

Application No.: []
Filing Date: []

PATENT
Client Code: [IRDM.063A1 / IDC-040026U1]
Page 2

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

IDC, LLC

Name:
Title:

1882268/cfn/082205

PATENT

Application No.: []
Filing Date: []

Client Code: [IRDM.063A1 / IDC-040026U1]
Page 1

ASSIGNMENT

WHEREAS, WE, Brian J. Gally, a United States citizen, residing at 346 Bella Vista Avenue, Los Gatos, CA 95032 and William J. Cummings, a United States citizen, residing at 149 Ashton Avenue, Millbrae, CA 94030 have invented certain new and useful improvements in a METHOD AND SYSTEM FOR DRIVING INTERFEROMETRIC MODULATORS 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;

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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.

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

Brian J. Gally

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2 day of Sept, 2005.

William J. Cummings

Application No.: []
Filing Date: []

PATENT
Client Code: [IRDM.063A1 / IDC-040026U1]
Page 2

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

IDC, LLC

Name:
Title:

1882268/cfn/082205