

07-12-2005



To the Director, U.S. Patent and Trademark C

al documents or copy thereof.

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s of receiving party(ies):

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

Clarence Chui

Additional name(s) of conveying party(ies)
attached?

() Yes (X) No

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

3. Nature of conveyance:

(X) Assignment () Security Agreement
() Merger () Change of Name
() Other:

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

July 1, 2005

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.093A

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.Tina Chen

Name of Person Signing

Signature

Date

44,606
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Total number of pages including cover sheet, attachments and document: 2

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Application No.:
Filing Date:

PATENT
Client Code: IRDM.093A
Page 1

ASSIGNMENT

WHEREAS, I, Clarence Chui, a U.S. citizen, residing at 1954 Los Altos Drive, San Mateo, CA 94402, have invented certain new and useful improvements in a MEMS DEVICE FABRICATED ON A PRE-PATTERNED SUBSTRATE 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 _____, 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 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, 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 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, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I 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 I HEREBY covenant and agree that I 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 1st day of July, 2005


Clarence Chui

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

IDC, LLC

Name:
Title:

1795998
062905

IDC-040055

RECORDED: 07/01/2005

PATENT
REEL: 016751 FRAME: 0873