



102190961

To the Assistant Commissioner of Patents, Attachments or copy thereof.

Resubm

1. Name of conveying party(ies):

Jongpal Kim

8-6-02

2. Name and address of receiving party(ies):

Name: Dong-il Cho
Address: Da-1004, Samho-Apartment
Bangbae-Dong, Socho-Ku
Seoul, 137-060, Republic of Korea

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

3. Nature of Conveyance:

X Assignment Merger
Security Agreement Change of Name
Other:

Execution Date: 24 April 2002

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

This document is being filed in the United States Patent and Trademark Office on

A. Patent Application No.(s)
10/139,720

B. Patent No.(s)

Additional Numbers Attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Mark G. Kachigian
Head, Johnson & Kachigian
228 West 17th Place
Tulsa, OK 74119

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

X Previously submitted
Enclosed
Authorized to be charged to deposit account

8. Deposit account number: 08-1500 (Attach duplicate copy of this page if paying by deposit account)

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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.

MARK G. KACHIGIAN
Name of Person Signing

Signature

6 August 2002
Date

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project. (0651-0011), Washington D.C. 20503.

## ASSIGNMENT

WHEREAS, Jongpal KIM, a Republic of Korea citizen, residing at 7/5, 4-80, Nokbon-Dong, Eunpyong-Ku, Seoul, 122-020, Republic of Korea, (hereinafter called ASSIGNOR) is the sole and exclusive owner with new and useful improvements in:

Method Of Fabricating An Electrostatic Vertical And Torsional Actuator Using One Single-Crystalline Silicon Wafer

for which he is about to make application for Letters Patent of the United States, which claims priority from KR Patent Application 2001-24607 filed on May 7, 2001.

WHEREAS, ASSIGNOR, is now the owner with undivided interest in the invention described and claimed therein, and all rights in, to and under the same; and

WHEREAS, Dong-il Cho, a Republic of Korea citizen, residing at Da-1004, Samho-Apartment, Bangbae-Dong, Socho-Ku, Seoul, 137-060, Republic of Korea (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the undivided interest in the aforementioned invention; and

NOW THEREFORE, this indenture witnesseth that for and in consideration of the sum of One (\$1.00) Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR, has sold, assigned, transferred and set over and do hereby sell, assign, transfer and set over to the said ASSIGNEE his undivided interest in said invention, and any and all divisions and continuations thereof, and any and all Letters Patent of the United States, its territorial possessions, and any and all reissues of said Letters Patent, including the subject matter of any and all claims which may be obtained in every such patent, the same to be held and enjoyed by the said ASSIGNEE for its own use and behoof, and for the use and behoof of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States, territories are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR, if this assignment and sale had not been made.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue any and all Letters Patent of the United States on said inventions, or resulting from said application, and from any and all divisions and continuations thereof to the said ASSIGNEE, of the undivided interest, and hereby covenants that he has full right to convey their undivided interest therein assigned, and that he has not executed and will not execute any agreement in conflict therewith.

ASSIGNOR further hereby covenants and agrees that he will, at any time, upon request, at the expense of said ASSIGNEE, execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention, and to said Letters Patent as may be granted therefor, in said ASSIGNEE, its successors, assigns, or other legal representatives, and that if said ASSIGNEE, its successors, assigns, or other legal representatives shall desire to file any divisional or continuation application, or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, he will, upon request, sign all papers, make all rightful oaths, and do all acts

requisite for the filing of such divisional or continuing application, or such application for reissue and procuring thereof, and for the filing of such disclaimers, without further compensation, but at the expense of said ASSIGNEE, its successors or other legal representatives.

ASSIGNOR does further covenant and agree, that he will, at any time, upon request, communicate to said ASSIGNEE, its successors, assigns, or other legal representatives, at its expense, such facts relating to said invention and Letters Patent or the history thereof, as may be known to him, and testify as to the same in any interference or other litigation, when requested to do so.

IN WITNESS WHEREOF, we have hereunto set our hands this 24<sup>th</sup> day of April, 2002.



Name: Jongpal KIM  
(INVENTOR)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: CHO ET AL )  
)  
SERIAL NO.: 10/139,720 )  
)  
FILED: 05/06/02 )  
)  
FOR: METHOD OF FABRICATING )  
AN ELECTROSTATIC )  
VERTICAL AND TORSIONAL )  
ACTUATOR USING ONE )  
SINGLE-CRYSTALLINE )  
SILICON WAFER )

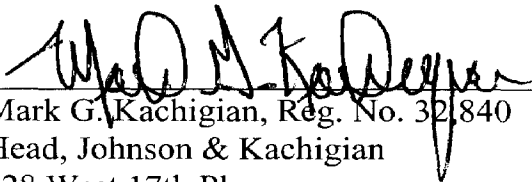
**RESPONSE TO NOTICE OF NON-RECORDATION OF DOCUMENT**

U.S. Patent and Trademark Office  
Attn: Assignment Branch  
Washington, D.C. 20231

Dear Sir:

In response to the Notice of Non-Recordation of Document dated July 12, 2002, Applicant's attorney has reviewed the assignment cover sheet as previously filed and found it to be in error. Therefore, please find attached a new Assignment Cover Sheet. Also, attached hereto is the originally submitted assignment document.

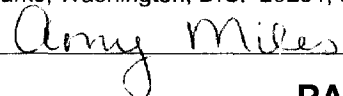
Respectfully submitted,



Mark G. Kachigian, Reg. No. 32,840  
Head, Johnson & Kachigian  
228 West 17th Place  
Tulsa, Oklahoma 74119  
(918) 587-2000  
Attorney for Applicant

August 6, 2002

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, on August 6, 2002



JULY 12, 2002

PTAS

Under Secretary of Commerce For Intellectual Property and  
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HEAD, JOHNSON & KACHIGIAN  
MARK G. KACHIGIAN  
228 WEST 17TH PLACE  
TULSA, OK 74119



\*102087087A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF NON-RECORDATION OF DOCUMENT

DOCUMENT ID NO.: 102087087

THE ENCLOSED DOCUMENT HAS BEEN EXAMINED AND FOUND NON-RECORDABLE BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. THE REASON(S) FOR NON-RECORDATION ARE STATED BELOW. DOCUMENTS BEING RESUBMITTED FOR RECORDATION MUST BE ACCOMPANIED BY A NEW COVER SHEET REFLECTING THE CORRECT INFORMATION TO BE RECORDED AND THE DOCUMENT ID NUMBER REFERENCED ABOVE.

THE ORIGINAL DATE OF FILING OF THIS ASSIGNMENT DOCUMENT WILL BE MAINTAINED IF RESUBMITTED WITH THE APPROPRIATE CORRECTION(S) WITHIN 30 DAYS FROM THE DATE OF THIS NOTICE AS OUTLINED UNDER 37 CFR 3.51. THE RESUBMITTED DOCUMENT MUST INCLUDE A STAMP WITH THE OFFICIAL DATE OF RECEIPT UNDER 37 CFR 3. APPLICANTS MAY USE THE CERTIFIED PROCEDURES UNDER 37 CFR 1.8 OR 1.10 FOR RESUBMISSION OF THE RETURNED PAPERS, IF THEY DESIRE TO HAVE THE BENEFIT OF THE DATE OF DEPOSIT IN THE UNITED STATES POSTAL SERVICE.

SEND DOCUMENTS TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231. IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

1. THE INVENTOR, DONG-IL CHO, DID NOT EXECUTE DATE/SIGNATURE THE ASSIGNMENT DOCUMENT

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

**RECEIVED**

JUL 22 2002

HEAD, JOHNSON & KACHIGIAN

DOCKET RECEIVED  
ATTORNEY

*m6k*

JUL 29 2002

ACTION DUE:  
SETUP:

*asmt Due 8-11-02*