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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Shuichi Takayama; Xiaoyue Zhu; Joong Hwan Bahng;
Elizabeth Ho Liu; and Jeongsup Shim
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: The Regents of the University of Michigan
Internal Address: _____
Street Address: 3003 S. State Street
City: Ann Arbor State: MI Zip: 48109
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: 10-16-03; 10-21-03; 10-27-03; 10-27-03; and
10-21-03

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: _____
A. Patent Application No.(s) 10/602,910; filed 6-24-03 B. Patent No.(s) _____
Additional numbers attached? Yes No

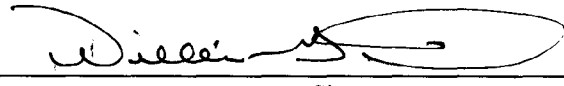
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5. Name and address of party to whom correspondence concerning document should be mailed:
Name: William G. Conger
Address: Brooks Kushman P.C.
1000 Town Center, Twenty-Second Floor
City: Southfield State: MI ZIP: 48075-1238

6. Total number of applications and patents involved: 1
7. Total Fee (37 C.F.R. § 1.21(h)) \$ 40.00
 Enclosed
 Authorized to be charged to Deposit Account
8. Deposit Account Number: _____
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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.
William G. Conger  November 10, 2003
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services, Director of the U.S. Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

PATENT
REEL: 014687 FRAME: 0306

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, **Shuichi Takayama, Xiaoyue Zhu, Joong Hwan Bahng, Elizabeth Ho Liu, and Jeongsup Shim**, of 3550 Dixboro Lane, Ann Arbor, Michigan 48105, 2385 Bishop Avenue, Apt. 6, Ann Arbor, Michigan 48105, 307 Thompson St., #314, Ann Arbor, Michigan 48104, 727 E. Kingsley Apt. 17, Ann Arbor, Michigan 48104 and 1948 McIntyre Drive, Ann Arbor, Michigan 48015, respectively, do hereby assign, sell and set over to The Regents of the University of Michigan, a non-profit organization organized and existing under the laws of the State of Michigan and having a place of business at 3003 S. State Street, Ann Arbor, Michigan 48109, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

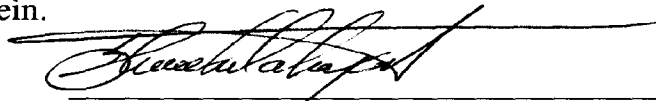
PATTERNING NANOFEATURES OVER LARGE AREAS

for which an application for a United States Patent was filed on June 24, 2003, as Application Serial No. 10/602,910 including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in our names, at its or their election, and we hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to said inventions and discoveries in all countries, including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.

And we hereby agree for ourselves, our heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.


And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.

Date: Oct 16, 2003




Shuichi Takayama

Date: Oct 21, 2003



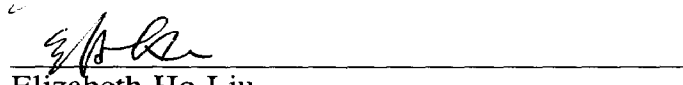
Xiaoyue Zhu

Date: Oct 27, 2003



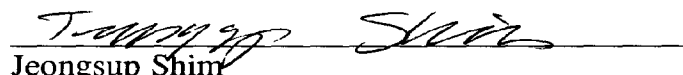
Joong Hwan Bahng

Date: Oct 27, 2003



Elizabeth Ho Liu

Date: Oct. 21, 2003



Jeongsup Shim

STATE OF MICHIGAN)
) ss.
COUNTY OF Wayne)
Acting in Washtenaw

On this 16 day of October, 2003, personally appeared before me Shuichi Takayama, to me known to be the persons named in and who executed the above instrument, and acknowledged that they executed the same for the uses and purposes therein mentioned.

Sandra A. Staneff
Notary Public
My Commission expires:

(SEAL)

**SANDRA A. STANEFF
NOTARY PUBLIC WAYNE CO., MI
MY COMMISSION EXPIRES Jul 9, 2006
ACTING IN WASHTENAW COUNTY, MI**

STATE OF MICHIGAN)
) ss.
COUNTY OF Wayne)
acting in Washtenaw

On this 21 day of October, 2003, personally appeared before me Xiaoyue Zhu, to me known to be the person named in and who executed the above instrument, and acknowledged that he executed the same for the uses and purposes therein mentioned.

Sandra A. Staneff
Notary Public
My Commission expires:

(SEAL)

**SANDRA A. STANEFF
NOTARY PUBLIC WAYNE CO., MI
MY COMMISSION EXPIRES Jul 9, 2006
ACTING IN WASHTENAW COUNTY, MI**

STATE OF MICHIGAN)
) ss.
COUNTY OF Wayne)
Acting in Washtenaw

On this 29 day of October, 2003, personally appeared before me Joong Hwan Bahng, to me known to be the persons named in and who executed the above instrument, and acknowledged that they executed the same for the uses and purposes therein mentioned.

Notary Public
My Commission expires:

(SEAL)

**SANDRA A. STANEFF
NOTARY PUBLIC WAYNE CO., MI
MY COMMISSION EXPIRES Jul 9, 2006
ACTING IN WASHTENAW COUNTY, MI**

STATE OF MICHIGAN)
) ss.
COUNTY OF Wayne)

Acting in Washtenaw

On this 27 day of October, 2003, personally appeared before me Elizabeth Ho Liu, to me known to be the person named in and who executed the above instrument, and acknowledged that he executed the same for the uses and purposes therein mentioned.

Sandra A. Staniff
Notary Public
My Commission expires:

(SEAL)

**SANDRA A. STANIFF
NOTARY PUBLIC WAYNE CO., MI
MY COMMISSION EXPIRES JUL 9, 2006
ACTING IN WASHTENAW COUNTY, MI**

STATE OF MICHIGAN)
) ss.
COUNTY OF Wayne)

acting in Washtenaw

On this 21 day of October, 2003, personally appeared before me Jeongsup Shim, to me known to be the persons named in and who executed the above instrument, and acknowledged that they executed the same for the uses and purposes therein mentioned.

Sandra A. Staniff
Notary Public
My Commission expires:

(SEAL)

**SANDRA A. STANIFF
NOTARY PUBLIC WAYNE CO., MI
MY COMMISSION EXPIRES JUL 9, 2006
ACTING IN WASHTENAW COUNTY, MI**