

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Clark T. -C. Nguyen</td><td>04/21/2005</td></tr><tr><td>Yuan Xie</td><td>03/07/2005</td></tr></tbody></table>	Name	Execution Date	Clark T. -C. Nguyen	04/21/2005	Yuan Xie	03/07/2005	
Name	Execution Date						
Clark T. -C. Nguyen	04/21/2005						
Yuan Xie	03/07/2005						
RECEIVING PARTY DATA							
Name:	University of Michigan						
Street Address:	3003 S. State Street						
City:	Ann Arbor						
State/Country:	MICHIGAN						
Postal Code:	48109						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10990785</td></tr></tbody></table>	Property Type	Number	Application Number:	10990785			
Property Type	Number						
Application Number:	10990785						
CORRESPONDENCE DATA							
Fax Number:	(248)358-3351						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	248-358-4400						
Email:	dgreig@brookskushman.com						
Correspondent Name:	Brooks Kushman P.C.						
Address Line 1:	1000 Town Center, Twenty-Second Floor						
Address Line 4:	Southfield, MICHIGAN 48075						
NAME OF SUBMITTER:	Denise Greig						
Total Attachments: 4 source=asgnUOM0322PUSP#page1.tif source=2asgnUOM0322PUSP#page1.tif source=3asgnUOM0322PUSP#page1.tif source=4asgnUOM0322PUSP#page1.tif							

CH 10990785 \$40.00

500029061

PATENT
REEL: 015954 FRAME: 0668

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, Clark T.-C. Nguyen and Yuan Xie, of 901 North Pollard Street, No. 1415, Arlington, Virginia 22203 and 1603 Cram Circle, Apt. 3, Ann Arbor, Michigan 48105, 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

MICROMECHANICAL RESONATOR DEVICE HAVING A DESIRED MODE SHAPE

for which an application for a United States Patent is to be filed or will have been filed on November 17, 2004, as Application Serial No. 10/990,785, 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: 4/21, 2005

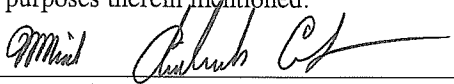
Clark T.-C. Nguyen
CLARK T.-C. NGUYEN

Date: _____, 20____

YUAN XIE

STATE OF VIRGINIA)
) ss.
COUNTY OF Albemarle)

On this 21 day of April, 2005, personally appeared before me Clark T.-C. Nguyen, 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.



Notary Public
My Commission expires: 10/3/05

(SEAL)

STATE OF MICHIGAN)
) ss.
COUNTY OF _____)

On this _____ day of _____, 20____, personally appeared before me Yuan Xie, 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.

Notary Public
My Commission expires:

(SEAL)

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, Clark T.-C. Nguyen and Yuan Xie, of 901 North Pollard Street, No. 1415, Arlington, Virginia 22203 and 1603 Cram Circle, Apt. 3, Ann Arbor, Michigan 48105, 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

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

Date: _____, 20____

CLARK T.-C. NGUYEN

Date: 3/7/05, 2005

YUAN XIE

STATE OF VIRGINIA)
) ss.
COUNTY OF _____)

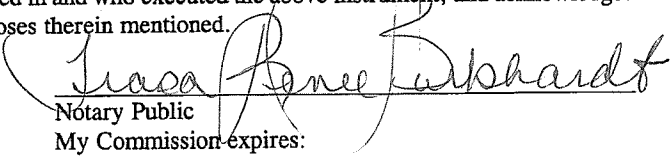
On this _____ day of _____, 20____, personally appeared before me Clark T.-C. Nguyen, to me known to be the person named in and who executed the above instrument, and acknowledged that he executed the same for the uses and purposes therein mentioned.

Notary Public
My Commission expires:

(SEAL)

STATE OF MICHIGAN)
) ss.
COUNTY OF WASHTENAW)

On this 7th day of March, ~~2005~~, personally appeared before me Yuan Xie, 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.



Notary Public
My Commission expires:

(SEAL)

TRASA RENEE BURKHARDT
Notary Public, Washtenaw County, MI
My Commission Expires Mar. 29, 2008