

PATENT ASSIGNMENT

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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>William P. KING</td> <td>05/31/2013</td> </tr> <tr> <td>Byeonghee LEE</td> <td>06/01/2013</td> </tr> </tbody> </table>		Name	Execution Date	William P. KING	05/31/2013	Byeonghee LEE	06/01/2013						
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>The Board of Trustees of the University of Illinois</td> </tr> <tr> <td>Street Address:</td> <td>352 Henry Administration Building</td> </tr> <tr> <td>Internal Address:</td> <td>506 S. Wright Street</td> </tr> <tr> <td>City:</td> <td>Urbana</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>61801</td> </tr> </table>		Name:	The Board of Trustees of the University of Illinois	Street Address:	352 Henry Administration Building	Internal Address:	506 S. Wright Street	City:	Urbana	State/Country:	ILLINOIS	Postal Code:	61801
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PROPERTY NUMBERS Total: 2													
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CORRESPONDENCE DATA													
<p>Fax Number: 7209313001 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 720-931-3000 Email: boulderip@lathropgage.com, twilson@lathropgage.com Correspondent Name: Lathrop Gage LLP Address Line 1: 4845 Pearl East Circle Address Line 2: Suite 201 Address Line 4: Boulder, COLORADO 80301</p>													
ATTORNEY DOCKET NUMBER:	54-12 (544069)												
NAME OF SUBMITTER:	Stephen B. Barone												
Signature:	/sbbaroneREG53968/												

CH \$80.00 13831187

Date:

07/23/2013

Total Attachments: 8

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ASSIGNMENT

WHEREAS, WE:

1. **William P. KING**, residing at 1608 Crabapple Ln., Champaign, Illinois, 61822, United States of America;
2. **Byeonghee LEE**, residing at 311 E. White St., Apt. 24, Champaign, Illinois, 61820, United States of America;

herein called individually an "ASSIGNOR" and collectively "ASSIGNORS," in connection with the invention entitled:

"Magnetic Actuation and Thermal Cantilevers for Temperature and Frequency Dependent Atomic Force Microscopy";

for which the following patent application(s):

Application Type	Application Serial No.	Filing Date
United States Provisional Patent Application	61/660,195	June 15, 2012
United States Patent Application	13/831,187	March 14, 2013

were submitted or filed (collectively, the "LISTED APPLICATIONS");

AND WHEREAS, **The Board of Trustees of the University of Illinois** (herein called "ASSIGNEE"), an entity organized and existing under the laws of the State of Illinois, having a principal place of business at:

352 Henry Administration Building
506 S. Wright Street
Urbana, IL 61801
United States of America,

is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said LISTED APPLICATIONS;

NOW, THEREFORE, in consideration of my contractual and other legal obligations, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, a said ASSIGNOR, 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, my entire right, title and interest in, to and under the invention(s) and discoveries disclosed in the LISTED APPLICATIONS, and the LISTED APPLICATIONS and all divisions, renewals, continuations and subsequent applications thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said

invention(s) in any country or countries foreign to the United States; together with the right to file such applications and the right to claim for the same the priority of said patent applications listed herein and applications thereof and therefrom under The International Union for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application and applications thereof and therefrom is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention(s) 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 and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY authorize the above-mentioned ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said application(s) or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document;

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention(s) and discoveries, and testify in any legal proceeding, sign all lawful papers, execute all continuing and subsequent applications, including divisional, reissue and foreign applications, make all rightful oaths, and generally cooperate and do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain, maintain, and enforce proper protection for said invention(s) and discoveries in any and all countries;

IN TESTIMONY WHEREOF, I hereunto set my hand and seal (if applicable) the day and year set opposite my signature.

May 31 2013
Date

William P. King
WILLIAM P. KING

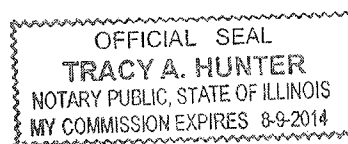
STATE OF Illinois)
COUNTY OF Champaign) ss.

BEFORE ME, the undersigned authority, on this 31st day of May (month), 2013 (year), personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: May 31, 2013

Tracy A. Hunter
Notary Public

My Commission expires: August 9, 2014



Date

BYEONGHEE LEE

STATE OF _____)
COUNTY OF _____) ss.

BEFORE ME, the undersigned authority, on this ____ day of _____ (month), _____ (year), personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: _____

Notary Public

My Commission expires: _____

Additional Assignors on additional sheets: No

ASSIGNMENT

WHEREAS, WE:

1. **William P. KING**, residing at 1608 Crabapple Ln., Champaign, Illinois, 61822, United States of America;
2. **Byeonghee LEE**, residing at ~~311 E. White St., Apt. 24, Champaign, Illinois, IL 61820, United States of America; PL~~ *1404-901 Unjung-dong, Bundang-gu, Seongnam, Gyeonggi, South Korea*

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Urbana, IL 61801
United States of America,

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NOW, THEREFORE, in consideration of my contractual and other legal obligations, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, a said ASSIGNOR, 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, my entire right, title and interest in, to and under the invention(s) and discoveries disclosed in the LISTED APPLICATIONS, and the LISTED APPLICATIONS and all divisions, renewals, continuations and subsequent applications thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said

L&G Ref. 544069: 54-12 US
Assignment

invention(s) in any country or countries foreign to the United States; together with the right to file such applications and the right to claim for the same the priority of said patent applications listed herein and applications thereof and therefrom under The International Union for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application and applications thereof and therefrom is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention(s) 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 and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

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AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention(s) and discoveries, and testify in any legal proceeding, sign all lawful papers, execute all continuing and subsequent applications, including divisional, reissue and foreign applications, make all rightful oaths, and generally cooperate and do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain, maintain, and enforce proper protection for said invention(s) and discoveries in any and all countries;

IN TESTIMONY WHEREOF, I hereunto set my hand and seal (if applicable) the day and year set opposite my signature.

L&G Ref. 544069: 54-12 US
Assignment

Date _____ WILLIAM P. KING
STATE OF _____)
COUNTY OF _____) ss.

BEFORE ME, the undersigned authority, on this ____ day of _____ (month), _____ (year), personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: _____
My Commission expires: _____

Notary Public

APPENDIX

Date Jun - 1 - 2013

STATE OF Gyeonggi)
COUNTY OF South Korea) ss.

Byeonghee Lee
BYEONGHEE LEE

BEFORE ME, the undersigned authority, on this ____ day of _____ (month), _____ (year), personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: _____
My Commission expires: _____

Notary Public

Additional Assignors on additional sheets: No



Registered No. 2013 - 4043

NOTARIAL CERTIFICATE

DAEJEON GENERAL LAW & NOTARY OFFICE INC.

Belong to Daejeon District Prosecutors' Office
1392DUNSAN-DONG,SEO-GU,DAEJEON,302-120 KOREA



DAEJEON GENERAL LAW & NOTARY OFFICE INC.

등부 2013 년 제 4043 호

Registered No. 2013 - 4043

인 증

Notarial Certificate

Byeonghee LEE

위 서 류
에 기재된
이 병 회

Personally appeared before me and
admitted his(her) subscription to the
attached

Document

는
본 공증인의 면전에서 위 사서증서에 자기가
서명날인 한 것임을 자인하였다.

This is hereby attested
on this 01 day of July
2013 . at this office

2013. 7. 1. 이 사무소에서
위 인증한다.

공증인가 대전종합법무법인

DAEJEON GENERAL LAW & NOTARY OFFICE INC.

소 속 대 전 지 방 검 찰 청
대전광역시 서구 둔산동 1392

Belong to Daejeon District Prosecutors' Office
1392DUNSAN-DONG,SEO-GU,DAEJEON,302-120 KOREA

공증인


Kim Chong Whan

Notary Public


Kim Chong Whan

This office has been authorized by
the Minister of Justice, the Republic
of Korea to act as Notary Public
since 1 day of April, 1993.
under Law No.39