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Yanxiu ZHOU, Bin YU, Kalle LEVON	Name: Polytechnic University				
Additional name(s) of conveying party(ies) attached? Yes XX No	Address: 6 Metrotech Center				
197 - 197 -	City: Brooklyn State: NY ZIP: 11201				
Nature of conveyance:     XX	Additional name(s) & address(es) attached? Yes _XX No				
Execution Date: August 9, 2005  4. Application number(s) or patent number(s).	Annual contraction of the second of the seco				
If this document is being filed together with a new application, the exec	ution date of the application is:				
( )	hed? Yes XX No				
5. Name and address of party to whom correspondence concerning document should be mailed: Name: John C. Pokotylo, Esq. STRAUB & POKOTYLO Customer No. 26479 Internal Address: 620 Tinton Avenue	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)				
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PATENT REEL: 016632 FRAME: 0041

Atty. Doc. No.: Poly-58NEW

## ASSIGNMENT

WHEREAS, we, Yanxiu ZHOU, ASSIGNOR

a citizen of the Peoples Republic of China, residing at 15 Faxon Drive, West Hartford, CT 06117;

Bin YU, ASSIGNOR

a citizen of the Peoples Republic of China, residing at 15 Faxon Drive, West Hardford, CT 06117; and

Kalle LEVON, ASSIGNOR

a citizen of the USA, residing at 100 Lexington Ave., Apt. # 2F, Brooklyn, NY 11238;

are the inventors of the invention in:

## IONIC BASED SENSING FOR IDENTIFYING GENOMIC SEQUENCE VARIATIONS AND DETECTING MISMATCH BASE PAIRS, SUCH AS SINGLE NUCLEOTIDE POLYMORPHISMS

for which an application for a Patent of the United States

- was filed on March 25, 2005, as application serial number 11/090,944, or
- ☐ is filed herewith;

and WHEREAS, Polytechnic University, a corporation of New York, having a place of business at 6 Metrotech Center, Brooklyn, NY 11201, ASSIGNEE

is desirous of obtaining the entire right, title and interest in, to and under the invention and the application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, WE, the ASSIGNORS, have sold, assigned, transferred and set

over, and by these presents do hereby sell, assign, transfer and set over, unto the ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the invention, and the United States application and all divisions, renewals and continuations (including all continuation-in-part 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 have been or may hereafter be filed for the invention or claim the benefit of the application or any right of priority to the application, in any and all countries including 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 rights derived from the United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for the invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE 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 ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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

AND WE HEREBY further covenant and agree that we will communicate to the ASSIGNEE, its successors, legal representatives and assigns, any facts known to us regarding the invention, and testify in any legal

proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for the invention in all countries.

The undersigned hereby grant(s) the law firm of Straub & Pokotylo the power to insert on this Assignment any further identification, including the application serial number, which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this $g^{\mu\nu}$ day of $A^{\mu}qust$ 2005.
Yanxiu Zhou, Assignor
WITNESSED BY:
Yolanda Codrington Name
Yolanda Codrington  Name  Six Metro Tech Center  Address
B'Klyn, NY 11201
WITNESSED BY:
Name
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Brook Cyn MY 11201

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Jrevon Ramlall						
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Six Metro Tech (an	167					
Address						
Brooklyn NY 11201						

IN TESTIMONY WHEREOF, I hereunto set my	hand and seal this
9th day of August	2005.
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Kalle Levon, Assigno	)Y
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Yolanda Codrington	
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Six Metro Tech Center Address	
B'Klyn, NY 11201	
WITNESSED BY:	
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Name	
A. V. Cold I I. Van	
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