

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>Yuk Ming Dennis Lo</td> <td>07/10/2013</td> </tr> <tr> <td>Wai Kwun Rossa Chiu</td> <td>07/10/2013</td> </tr> <tr> <td>Kwan Chee Chan</td> <td>07/10/2013</td> </tr> <tr> <td>Wenli Zheng</td> <td>07/04/2013</td> </tr> <tr> <td>Hao Sun</td> <td>07/10/2013</td> </tr> <tr> <td>Zhang Chen</td> <td>07/10/2013</td> </tr> </tbody> </table>		Name	Execution Date	Yuk Ming Dennis Lo	07/10/2013	Wai Kwun Rossa Chiu	07/10/2013	Kwan Chee Chan	07/10/2013	Wenli Zheng	07/04/2013	Hao Sun	07/10/2013	Zhang Chen	07/10/2013
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RECEIVING PARTY DATA															
Name:	The Chinese University of Hong Kong														
Street Address:	Shatin														
City:	New Territories, SAR														
State/Country:	HONG KONG														
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>13802268</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13802268										
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Application Number:	13802268														
CORRESPONDENCE DATA															
Fax Number:	6503262422														
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ATTORNEY DOCKET NUMBER:	80015-870029 (009910US)														
NAME OF SUBMITTER:	J. Michael Schiff														
Signature:	/J.M. Schiff/														

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Date:

08/07/2013

Total Attachments: 5

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JOINT

ASSIGNMENT

WHEREAS, WE, **Yuk Ming Dennis Lo**, citizen of United Kingdom, residing at 4th Floor, 7 King Tak Street, Homantin, Kowloon, Hong Kong SAR, China; **Wai Kwun Rossa Chiu**, citizen of Australia, residing at House 31, Double Haven, 52 Ma Lok Path, Shatin, N.T., Kong Kong SAR, China; **Kwan Chee Chan**, citizen of Hong Kong SAR, Flat A, 13/F, Block 34, Broadway Street, Mei Foo Sun Chuen, Kowloon, hong Kong SAR, China; **Wenli Zheng**, citizen of People's Republic of China, residing at R2601, PGH2, The Chinese University of Hong Kong, Shatin, N.T. Hong Kong SAR, China; **Hao Sun**, a citizen of People's Republic of China, residing at Flat 6B, Residence No. 16, The Chinese University of Hong Kong, Shatin, Hong Kong SAR, China; and **Zhang Chen**, citizen of People's Republic of China, residing at 4311 Spruce, Apt-D10, Philadelphia, PA 19104; ASSIGNORS, respectively, are the inventors of the invention in

**METHODS FOR ANALYZING MASSIVELY PARALLEL SEQUENCING DATA FOR
NONINVASIVE PRENATAL DIAGNOSIS**

for which we have executed an application for a Patent of the United States

which is identified by Kilpatrick Townsend & Stockton LLP Docket No. 80015-870029 (009910US) which was filed on March 13, 2013, Application No. 13/802,268.

and WHEREAS, The Chinese University of Hong Kong, ASSIGNEE, located at Shatin, New Territories, Hong Kong SAR, CHINA is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said 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 and sufficiency of which is hereby acknowledged, WE, the said ASSIGNORS, 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, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations 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 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 rights derived from said 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, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewal and reissues thereof,

AND WE HEREBY authorize and request the Commissioner of Patents, 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 WE HEREBY covenant and agree that we have full right to convey the entire rights, title and interest herein 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 said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testifying 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 said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.


IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 10 JULY, 2013  L.S.
Yuk Ming Dennis/Lo

Witness:


ANNA TAN 
Printed Name of Witness Signature of Witness

Witness

Date 10 July, 2013  L.S.
Wai Kwun Rossa Chiu

Witness:

ANNA TAN 
Printed Name of Witness Signature of Witness

Date 10 July, 2013  L.S.
~~Kwan Chee Chang~~ Kwan Chee Chan

Witness:

ANNA TAN 
Printed Name of Witness Signature of Witness

Date _____, 2013 _____ L.S.

Wenli Zheng

Witness:

Printed Name of Witness

Signature of Witness

Date 10 July, 2013, 2013 _____


Hao Sun

L.S.

Witness:

ANNA TAN



Printed Name of Witness

Signature of Witness

Date _____, 2013 _____

Zhang Chen

L.S.

Printed Name of Witness

Signature of Witness

Date _____, 2013 _____ L.S.

Wenli Zheng

Witness:

Printed Name of Witness

Signature of Witness

Date _____, 2013 _____ L.S.

Hao Sun

Witness:

Printed Name of Witness

Signature of Witness

Date July-10, 2013 _____ L.S.
Chen Zhang
Zhang Chen

Minjun Zheng
Printed Name of Witness

张 辰
Signature of Witness

