

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
So Youn Kim	05/27/2013
Ji-Young Ahn	05/27/2013
Minjoung Jo	05/08/2013
Tae Kyung Kim	05/27/2013

RECEIVING PARTY DATA

Name:	PCL, Inc.
Street Address:	83421, Research complex 2, Sungkyunkwan Univ.
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State/Country:	KOREA, REPUBLIC OF
Postal Code:	440-746

Name:	Dongguk University Industry-Academic Cooperation Foundation
Street Address:	26, Pil-dong 3-ga, Jung-gu
City:	Seoul
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Postal Code:	100-715

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13877862

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OP \$40.00 13877862

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NAME OF SUBMITTER: Kelly K. Reynolds

Signature: /kelly k. reynolds/

Date: 06/25/2013

Total Attachments: 2
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ASSIGNMENT

We, **SO YOUN KIM, JI-YOUNG AHN, MINJOUNG JO, and TAE KYUNG KIM**, have made an invention the specification of which is described in the U.S. Patent Application No. 13/877,862 filed under the provisions of 35 U.S.C. § 371, based on International Patent Application No. PCT/KR11/07367 filed on October 5, 2011, entitled:

**"MULTIPLEX MICROFLUIDIC DEVICE FOR SELECTING NUCLEIC ACID APTAMERS,
AND HIGH THROUGHPUT SELECTION METHOD FOR NUCLEIC ACID APTAMERS
USING SAME"**

We hereby assign to **PCL, Inc.**, 83421, Research complex 2, Sungkyunkwan Univ., 300, Cheoncheon-dong, Jangnan-gu, Suwon-si, Gyeonggi-do, 440-746, Republic of Korea and **Dongguk University Industry-Academic Cooperation Foundation**, 26, Pil-dong 3-ga, Jung-gu, Seoul, 100-715, Republic of Korea all ownership and rights in:

- (i) the invention and U.S. Patent Application;
- (ii) non-provisional, continuing, divisional and continuation-in-part applications based on and claiming benefit and/or priority of said U.S. Patent Application; and
- (iii) U.S. Patents on the invention.

We are making this assignment based on our business relationship with **PCL, Inc.** and **Dongguk University Industry-Academic Cooperation Foundation**.

We respectfully request the Commissioner for Patents of the United States to issue patents on the invention to:

PCL, Inc. and Dongguk University Industry-Academic Cooperation Foundation

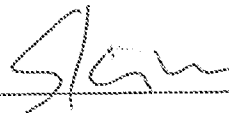
as owner of the invention and aforementioned patent rights.

We agree to execute any other legal documents that may be required to effectuate this Assignment.

We agree that we will promptly communicate to **PCL, Inc.** and **Dongguk University Industry-Academic Cooperation Foundation** all facts which come to our attention affecting the invention or patent rights.

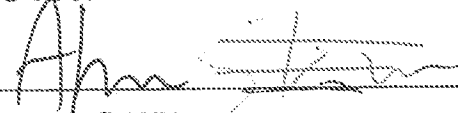
We agree that we will testify in any interference or litigation involving the invention or patent rights.

We declare that we have not done anything in conflict with this Assignment.



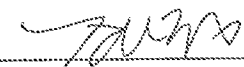
SO YOUN KIM

05/20/2013
Date (mm/dd/yyyy)



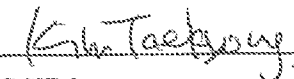
JI-YOUNG AHN

05/20/2013
Date (mm/dd/yyyy)



MINYOUNG JO

05/08/2013
Date (mm/dd/yyyy)



TAE KYUNG KIM

05/20/2013
Date (mm/dd/yyyy)