503934811 07/27/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3981465

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
POSTECH ACADEMY-INDUSTRY FOUNDATION	07/14/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8404448

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ATTORNEY DOCKET NUMBER:	MJIP001.002AUS
NAME OF SUBMITTER:	MINCHEOL KIM
SIGNATURE:	/Mincheol Kim/
DATE SIGNED:	07/27/2016

Total Attachments: 4

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PATENT REEL: 039275 FRAME: 0207

503934811

Patent No.: 8,404,448 Client Code: MJIP001.002AUS

Issue Date: March 26, 2013 Page 1 of 1

ASSIGNMENT

WHEREAS, POSTECH ACADEMY-INDUSTRY FOUNDATION, a Korean corporation having offices at Pohang University of Science and Technology, San 31 Hyoja-dong, Nam-gu, Pohang-si, Gyeongsangbuk-do 790-784 Republic of Korea, (hereinafter "ASSIGNOR"), represents and warrants that it is the sole owner of the entire right, title, and interest to the following patent (hereinafter "the Patent"):

Patent No. Issue Date DNA APTAMER SPECIFICALLY BINDING 8,404,448 March 26, 2013 TO HUMAN CARDIAC TROPONIN I

WHEREAS, Changill BAN, an individual, residing at 206, 430, Mokdongdong-ro, Yangcheon-gu, Seoul, 07986 Republic of Korea (hereinafter "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Patent:

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby further acknowledges that it has sold, assigned, and transferred, and by these presents does hereby sell, assign, and transfer, unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest in, to, and under the Patent, and all reissues, reexaminations, renewals, and extensions thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, to issue all Letters Patents resulting from the Patent to ASSIGNEE, its successors, legal representatives, and assigns, in accordance with the terms of this Agreement;

ASSIGNOR does hereby sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the Patents before or after issuance;

ASSIGNOR hereby covenants and agrees that it will communicate to ASSIGNEE, its successors, legal representatives, and assigns any facts known to ASSIGNOR respecting the Patents immediately upon becoming aware of those facts, and that it will testify in any legal proceeding involving the Patents, will sign all lawful papers, execute reissue applications, make all rightful caths, and will generally do everything possible to aid ASSIGNEE, its successors, legal representatives, and assigns to obtain and enforce the Patents in the U.S.

POSTECH ACADEMY-INDUSTRY FOUNDATION
By: Mark Craw C.
Name Printed: Wan Kyun Chung-
Title: <u>Executive</u> Director

23753320



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 23, 2012

PTAS

KNOBBE, MARTENS, OLSON & BEAR, LLP 2040 MAIN STREET FOURTEENTH FLOOR IRVINE. CA 92614

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UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 01/20/2012 REEL/FRAME: 027571/0261

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: ERU8.002AUS

ASSIGNOR:

BAN, CHANGILL DOC DATE: 01/19/2012

ASSIGNOR:

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APPLICATION NUMBER: 13355234 FILING DATE: PATENT NUMBER: ISSUE DATE:

TITLE: DNA APTAMER SPECIFICALLY BINDING TO HUMAN CARDIAC TROPONIN I

 ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

PATENT REEL: 039275 FRAME: 0210

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Changill Ban	01/19/2012
Kyung-Mi Song	01/19/2012
Weejeong Jeon	01/19/2012

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13355234

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ATTORNEY DOCKET NUMBER: ERU8.002AUS

NAME OF SUBMITTER: Mincheol Kim

Total Attachments: 2

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> PATENT REEL: 039275 FRAME: 0211

OP \$40.00 133552

RECORDED: 07/27/2016