

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY	02/02/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY
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<b>City:</b>	DAEJEON
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	305-701
<b>Name:</b>	INTELLIGENT SYNTHETIC BIOLOGY CENTER
<b>Street Address:</b>	A401HO, 4TH FLOOR, KAIST KI BLDG.
<b>Internal Address:</b>	291, DAEHAK-RO, YUSEONG-GU
<b>City:</b>	DAEJEON
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	34141
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	8242242
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)720-5125
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>Address Line 1:</b>	MORRISON & FOERSTER LLP
<b>Address Line 2:</b>	12531 HIGH BLUFF DRIVE, SUITE 100
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<b>ATTORNEY DOCKET NUMBER:</b>	30060-20061.00
<b>NAME OF SUBMITTER:</b>	DESMOND O'SULLIVAN
<b>SIGNATURE:</b>	/Desmond O'Sullivan/

<b>DATE SIGNED:</b>	12/17/2019
<b>Total Attachments: 3</b> source=300602006100 Assignment#page1.tif source=300602006100 Assignment#page2.tif source=300602006100 Assignment#page3.tif	

Client Reference No.: PA/KAIST/09120/US

**corporation to corporation ASSIGNMENT**

This Assignment is by:

Assignor: KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY  
Address: 373-1, Kusong-Dong, Daejeon, REPUBLIC OF KOREA 305-701  
A juristic entity duly organized under and pursuant to the laws of: Korea

(referred to in this Assignment as "Assignor"), which is the sole and exclusive owner, by assignment, of the U.S. patent identified below:

PREPARATION OF AN ARTIFICIAL TRANSCRIPTION FACTOR COMPRISING ZINC FINGER PROTEIN AND TRANSCRIPTION FACTOR OF PROKARYOTE, AND A USE THEREOF

Patent No.: 8,242,242 Application No.: 12/444,842 Filing Date: (Int'l) December 15, 2006

This Assignment is to:

Assignee: KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY  
Address: 373-1, Kusong-Dong, Daejeon, REPUBLIC OF KOREA 305-701  
A juristic entity duly organized under and pursuant to the laws of: Korea

and

Assignee: Intelligent Synthetic Biology Center  
Address: A401ho, 4th floor, KAIST KI Bldg., 291, Daehak-ro, Yuseong-gu, Daejeon 34141, Republic of Korea  
A juristic entity duly organized under and pursuant to the laws of: Korea

(referred to in this Assignment as "Assignees"), are each desirous of acquiring fifty percent (50%) of the entire right, title and interest in, to and under said patent application and the inventions covered thereby.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignor hereby sells, assigns, transfers and sets over, to Assignees, their successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for letters patent, and any and all provisionals, non-provisionals, divisions, continuations, and continuations-in part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignees (including any right to institute actions and to recover damages for past, present and future infringement), for their own use and the use of their successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that the

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Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor was the sole and lawful owner of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same were unencumbered and that Assignor sold, assigned, transferred and set over, to Assignees, their successors, legal representatives and assigns, the entire right, title and interest in and to said inventions and said application for letters patent.

3. Assignor shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignees, at the sole cost and expense of Assignees, their successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) any provisional, non-provisional, division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof; or any substitution of any such application; (c) any letters patent or patents for said inventions in any country or jurisdiction, including without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding. To be clear, for purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner of Patents in the United States to issue the above mentioned letters patent of the United States to Assignees as the assignees of said inventions and the letters patent to be issued thereon for the sole use of Assignees, their successors, legal representatives and assigns.

5. "I hereby grant Assignees' attorneys, all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which 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, including the power to insert on this assignment the application number and filing date of said application when known."

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR:

Date: 2017.2.2

Signature: Kwon Kim

Name: Kwon Kim

Title: IP Manager

Company: Korea Advanced Institute of

Science and Technology

ASSIGNEE:

Date: 2017.2.2

Signature: Kwon Kim

Name: Kwon Kim

Title: IP Manager

Company: Korea Advanced Institute of

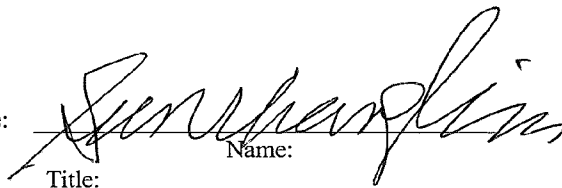
Science and Technology

Attorney Docket No.: 300602006100

Client Reference No.: PA/KAIST/09120/US

ASSIGNEE:

Date: 2011.07.02

Signature:   
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Company: Intelligent Synthetic Biology

Center