

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAI JIN KIM	07/28/2014
JAE SIK YUN	07/28/2014
IN SU KIM	07/28/2014
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14450166
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DATE SIGNED:	04/28/2016
Total Attachments: 2	
source=37574-078001_Assignment#page1.tif	
source=37574-078001_Assignment#page2.tif	

ASSIGNMENT – WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

POSTECH ACADEMY-INDUSTRY FOUNDATION

having the following address:

1 San 31, Hyoja-dong, Nam-gu, Pohang-si, Gyeongbuk 790-784 Republic of Korea

(referred to herein as "UNIVERSITY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title:

METHOD FOR RECOGNIZING OBJECT USING COVARIANCE DESCRIPTOR AND APPARATUS THEREOF

for which the undersigned has/have executed an application for patent in the United States of America on or about this same day, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by UNIVERSITY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to UNIVERSITY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to UNIVERSITY.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to UNIVERSITY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA LIANG 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 the recordation of this document.

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IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

July 28, 2014 Date	1 st Inventor Signature: <u>Dai Jin Kim</u> Print or Type Name: <u>KIM, Dai Jin</u>
July 28, 2014 Date	2 nd Inventor Signature: <u>Jae Sik Yoon</u> Print or Type Name: <u>YUN, Jae Sik</u>
July 28, 2014 Date	3 rd Inventor Signature: <u>In Su Kim</u> Print or Type Name: <u>KIM, In Su</u>
_____ Date	4 th Inventor Signature: _____ Print or Type Name: _____

NOTARY PUBLIC	State of _____ County of _____
	Before me personally appeared: <u>KIM, Dai Jin</u> <u>YUN, Jae Sik</u> 1 st Inventor 2 nd Inventor
	<u>KIM, In Su</u> 3 rd Inventor 4 th Inventor
	_____ 5 th Inventor 6 th Inventor
	_____ 7 th Inventor 8 th Inventor
	each of whom acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute this Assignment.
	Dated: _____ Notary Public My commission expires: _____

WITNESSES	_____ Date	Signature of Witness: _____ Print or Type Name: _____
	_____ Date	Signature of Witness: _____ Print or Type Name: _____

When this Assignment is <u>not</u> filed concurrently with the patent application, the following identifying information may be added <u>after</u> execution: U.S. Application Serial No.: 14/450,166 Filing Date: August 1, 2014
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