

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>Sang Jun SIM</td> <td>06/18/2013</td> </tr> <tr> <td>Eun Hye KIM</td> <td>06/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	Sang Jun SIM	06/18/2013	Eun Hye KIM	06/18/2013
Name	Execution Date						
Sang Jun SIM	06/18/2013						
Eun Hye KIM	06/18/2013						
RECEIVING PARTY DATA							
Name:	SUNGKYUNKWAN UNIVERSITY FOUNDATION FOR CORPORATE COLLABORATION						
Street Address:	300, Cheoncheon-dong, Jangan-gu, Suwon-si						
City:	Gyeonggi-do						
State/Country:	KOREA, REPUBLIC OF						
Postal Code:	440-746						
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>13995768</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13995768		
Property Type	Number						
Application Number:	13995768						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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NAME OF SUBMITTER:	Robert H. Berdo, Jr.						
Signature:	/Robert H. Berdo, Jr./						
Date:	06/19/2013						
Total Attachments: 1 source=OTB-147NP-Assignment#page1.tif							

OP \$40.00 13995768

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Sang Jun SIM and Eun Hye KIM of Republic of Korea hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to

PHOTOBIOREACTOR MADE OF A TRANSPARENT FILM

[X] the inventor(s) declaration for said application being executed concurrently with or prior to the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

[] said application having been filed in the United States Patent and Trademark Office on _____, authorization being hereby given to my attorneys, Steven M. Rabin, Robert H. Berdo, Jr., Allen Wood and Jun Hwa Jeong of RABIN & BERDO, P.C., 1101 14th Street, N.W., Washington, D.C. 20005, to insert here in parentheses (Application Serial No. _____) the application serial number of said application when known;

[X] the specification of which was filed under the Patent Cooperation Treaty on January 20, 2011, Serial No. PCT/KR2011/000412, the United States of America being designated.

AND WHEREAS SUNGKYUNKWAN UNIVERSITY FOUNDATION FOR CORPORATE COLLABORATION of Gyeonggi-do, Republic of Korea, an entity organized and existing under the laws of Republic of Korea whose post-office address is #300, Cheoncheon-dong, Jangan-gu, Suwon-si, Gyeonggi-do 440-746, Republic of Korea, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignors, the receipt of which is hereby acknowledged, said assignors hereby assign, sell and transfer to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

WITNESS: [Signature]
Signature: _____
Name: Seulki Jung
Address: Seoul, Republic of Korea

ASSIGNOR: [Signature]
Signature: _____
Name: Sang Jun SIM
Date: 2013.06.18

WITNESS: [Signature]
Signature: _____
Name: Soyeon Lee
Address: Republic of Korea

ASSIGNOR: [Signature]
Signature: _____
Name: Eun Hye KIM
Date: 2013.06.18

RABIN & BERDO, P.C., Washington, D.C.