

## 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>Nam-Soon Kim</td><td>07/27/2012</td></tr> <tr><td>In-Sung Song</td><td>07/27/2012</td></tr> <tr><td>Cheol-Hee Kim</td><td>07/27/2012</td></tr> <tr><td>Ga Hee Ha</td><td>07/27/2012</td></tr> <tr><td>Hyun-Taek Kim</td><td>07/27/2012</td></tr> <tr><td>So-Young Jeong</td><td>07/27/2012</td></tr> <tr><td>Jeong-Min Kim</td><td>07/27/2012</td></tr> <tr><td>Joo Heon Kim</td><td>07/27/2012</td></tr> <tr><td>Jin-Man Kim</td><td>07/27/2012</td></tr> <tr><td>Soo Young Jun</td><td>07/27/2012</td></tr> </tbody> </table>		Name	Execution Date	Nam-Soon Kim	07/27/2012	In-Sung Song	07/27/2012	Cheol-Hee Kim	07/27/2012	Ga Hee Ha	07/27/2012	Hyun-Taek Kim	07/27/2012	So-Young Jeong	07/27/2012	Jeong-Min Kim	07/27/2012	Joo Heon Kim	07/27/2012	Jin-Man Kim	07/27/2012	Soo Young Jun	07/27/2012
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<table border="1"> <tr><td>Name:</td><td>KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY</td></tr> <tr><td>Street Address:</td><td>Osong Bio-111 Gwahangno</td></tr> <tr><td>City:</td><td>Yusenog-gu Daejeon</td></tr> <tr><td>State/Country:</td><td>KOREA, REPUBLIC OF</td></tr> <tr><td>Postal Code:</td><td>305-806</td></tr> </table>		Name:	KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY	Street Address:	Osong Bio-111 Gwahangno	City:	Yusenog-gu Daejeon	State/Country:	KOREA, REPUBLIC OF	Postal Code:	305-806												
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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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ATTORNEY DOCKET NUMBER:	K2022-7001US
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NAME OF SUBMITTER:	Julie M. Gottselig
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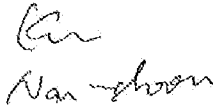
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ASSIGNMENT

For valuable consideration, we, **KIM, Nam-Soon , SONG, In-Sung, KIM, Cheol-Hee, HA, Ga Hee, KIM, Hyun-Taek, JEONG, So-Young, KIM, Jeong-Min, KIM, Joo Heon, KIM, Jin-Man and JUN, So Young** hereby assign to **KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY**, a company created under the laws of the Republic of Korea, having a place of business at **111 Gwahangno Yuseong-gu Daejeon 305-806, Republic of Korea**, and its successors and assigns (collectively hereinafter called “the Assignee”), our entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent, entitled **COMPOSITION FOR INCREASING TRAIL SENSITIVITY, CONTAINING AN INHIBITOR FOR INHIBITING THE EXPRESSION OR ACTIVITY OF TIP41 WHICH IS A TRAIL SENSITIZER TARGET GENE** and described and claimed in PCT International Application No. PCT/KR2011/002300 filed April 1, 2011, and which entered the national phase in the U.S. on August 5, 2012, and assigned U.S. Serial Number 13/579,256; this assignment, including said application, and any and all continuations, continuations-in-part, and divisional applications, and any and all United States and foreign patents (including reissues, reexaminations, extensions), utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names, or in its own name, for patents, utility models, design registrations and like rights of exclusion and for inventor’s certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment, the effectiveness of this assignment including as of the filing date of the above-identified application and any applications from which the above-identified application claims benefit of.

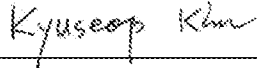
July 27, 2012

Date



KIM, Nam-Soon

Witness Signature:



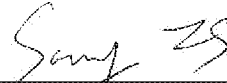
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July 27, 2012

Witness Printed Name: KIM, Kyu Seop

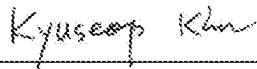
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SONG, In-Sung

Witness Signature:



Date:

July 27, 2012

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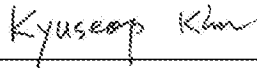
July 27, 2012

Date



KIM, Cheol-Hee

Witness Signature:



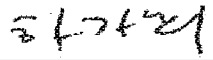
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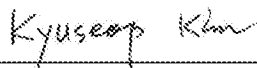
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Date



HA, Ga Hee

Witness Signature:



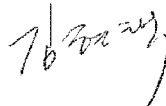
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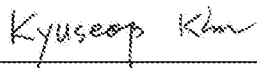
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KIM, Hyun-Taek

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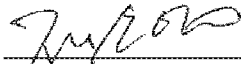
Witness Printed Name: KIM, Kyu Seop

PATENT

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July 27, 2012

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JEONG, So-Young

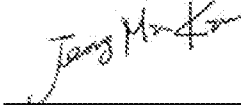
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Date: July 27, 2012

Witness Printed Name: KIM, Kyu Seop

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Date



KIM, Jeong-Min

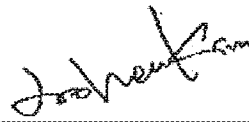
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KIM, Joo Heon

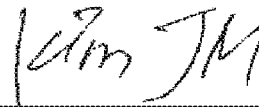
Witness Signature: Kyuseop Kim

Date: July 27, 2012

Witness Printed Name: KIM, Kyu Seop

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KIM, Jin-Man

Witness Signature: Kyuseop Kim

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Witness Printed Name: KIM, Kyu Seop

July 27, 2012

Date



JUN, So-Young

Witness Signature: Kyuseop Kim

Date: July 27, 2012

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