

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YOSHIAKI KAWAJIRI	03/28/2014
ANDREAS SEBASTIAN BOMMARIUS	04/01/2014
JUNGMIN OH	03/28/2014
GAURAV AGRAWAL	04/01/2014
RECEIVING PARTY DATA	
Name:	GEORGIA TECH RESEARCH CORPORATION
Street Address:	505 TENTH STREET NW
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30318
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14888535
CORRESPONDENCE DATA	
Fax Number:	(612)659-9344
<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>	
Phone:	6126599340
Email:	Dow.Docketing@bipl.net
Correspondent Name:	BROOKS, CAMERON & HUEBSCH, PLLC
Address Line 1:	1201 MARQUETTE AVENUE SOUTH
Address Line 2:	SUITE 400
Address Line 4:	MINNEAPOLIS, MINNESOTA 55403
ATTORNEY DOCKET NUMBER:	74565-US-PCT
NAME OF SUBMITTER:	ALEXANDER MARQUARDT
SIGNATURE:	/Alexander Marquardt/
DATE SIGNED:	07/07/2017
Total Attachments: 1	
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This Assignment 110 is in the English language and has the same meaning in other languages with the same 110 number and R&D date.

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FORM 110 (R 5/97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: **PROCESS FOR EQUILIBRIUM-LIMITED REACTIONS**

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

Georgia Tech Research Corporation
Georgia Institute of Technology
505 Tenth Street NW
Atlanta, Georgia 30318

a corporation organized and existing under the laws of Georgia (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
61/819,276	May 3, 2013	United States of America

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: this 28th day of March, 20 14
Effective as of May 3, 2013

Signature: [Signature]
Full Name: Yoshitaki Kawajiri
Residence: 199 14th Street NE #2308
Atlanta, Georgia 30309
Country: United States of America
Citizenship: Japan
P.O. Address: Same as Residence
Employed By: Georgia Institute of Technology
Of Country: United States of America

At: this 1st day of April, 20 14
Effective as of May 3, 2013

Signature: [Signature]
Full Name: Andreas Sebastian Bommarius
Residence: 1105 Vernon Springs Court
Atlanta, Georgia 30327
Country: United States of America
Citizenship: United States of America
P.O. Address: Same as Residence
Employed By: Georgia Institute of Technology
Of Country: United States of America

At: this 28th day of March, 20 14
Effective as of May 3, 2013

Signature: [Signature]
Full Name: Jungmin Oh
Residence: 251 10th Street NW, Apartment A715
Atlanta, Georgia 30318
Country: United States of America
Citizenship: Republic of Korea
P.O. Address: Same as Residence
Employed By: Georgia Institute of Technology
Of Country: United States of America

At: this 1st day of April, 20 14
Effective as of May 3, 2013

Signature: [Signature]
Full Name: Gaurav Agrawal
Residence: 1433 Willow Lake Drive NE, Apartment A
Atlanta, Georgia 30329
Country: United States of America
Citizenship: India
P.O. Address: Same as Residence
Employed By: Georgia Institute of Technology
Of Country: United States of America

() Additional names and signatures are attached.

PATENT

RECORDED: 07/07/2017

REEL: 042930 FRAME: 0054