504200791 01/27/2017 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4247467

SUBMISSION TYPE:		NEW ASSIGNMENT			
IATURE OF CONVEYAN	CE:	ASSIGNMENT			
CONVEYING PARTY DA	TA	•			
		Name	Execution Date		
PERTTI KOSKI			08/11/2012		
ULLA AIRAKSINEN			08/11/2012		
KATJA VÄLIMÄKI			08/11/2012		
	ГА				
Name:	PREV ABR LLC				
Street Address:	7201 WISCONSIN AVENUE, SUITE 625				
City:	BETHESDA				
State/Country:	MARYLAND				
Postal Code:	20814	4			
	Total: 1				
PROPERTY NUMBERS	Total: 1	Number			
PROPERTY NUMBERS Property Type Application Number:		Number 7501			
Property Type Application Number:	1541				
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Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA (202) e sent to the provided; if th 617-s pater STEF MOR 1111 WAS	7501 e-mail address first; if that is uns hat is unsuccessful, it will be ser 951-8525 hts@morganlewis.com, penny.coell PHEN L. ALTIERI RGAN, LEWIS & BOCKIUS LLP PENNSYLVANIA AVE, N.W.	nt via US Mail.		

/STEPHEN L. ALTIERI/

01/27/2017

SIGNATURE:

Total Attachments: 5

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PATENT REEL: 041109 FRAME: 0255

ASSIGNMENT

We, Pertti Koski, Ulla Airaksinen, and Katja Välimäki, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that we have sold and assigned, and do hereby assign, sell and transfer to PREV ABR LLC, with offices at 7201 Wisconsin Avenue, Suite 625, Bethesda, Maryland 20814, United States of America, and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for Letters Patent entitled:

Modified Beta-Lactamases and Methods and Uses Related Thereto

filed with the Receiving Office of the Finish Patent Office on May 17, 2011 and assigned International Application Serial No. PCT/FI2011/050450, including any subsequently filed nonprovisional applications, includig U.S. and foreign applications, which claim priority to Application Serial No. FI20105572, filed on May 24, 2010 and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefore; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

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PATENT REEL: 041109 FRAME: 0256 We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 8.11.2012 Signature of: Pertti Koski

IN WITNESS WHEREOF, I, COLVENCE - BACKMAN, hereby declare (Printed Name of Witness 1)

that I was personally present and did see the above named person duly sign and execute the assignment.

(Signature of Witness 1) Date: 100 8 2012

IN WITNESS WHEREOF, I, SOLVER G NYLOND, hereby declare (Printed Name of Witness 2)

that I was personally present and did see the above named person duly sign and execute the assignment.

(Signature of Witness 2) Date: NN & 2012



Date: _____8,11. 2012

1/100

Signature of: Ulla Airaksinen

that I was personally present and did see the above named person duly sign and execute the assignment.

Sunkan Rantalainen

(Signature of Witness 1)

Date: 8,11,2012

IN WITNESS WHEREOF, I,	MARI VESA	, hereby declare			
(Printed Name of Witness 2)					

that I was personally present and did see the above named person duly sign and execute the assignment.

(Signature of Witness 2)

Date: <u>8, 11, 2012</u>

Date: <u>8.11.2012</u>

Kepe Noumon Signature of: Katja Välimäki

IN WITNESS WHEREOF, I,	ULLA	AIRAESINEN	hereby declare
		(Printed Name of Witness 1	}

that I was personally present and did see the above named person duly sign and execute the assignment.

JUUL A

(Signature of Witness 1) Date: 8.11. 2012

IN WITNESS WHEREOF, I, PERTI KOSKI, hereby declare (Printed Name of Witness 2)

that I was personally present and did see the above named person duly sign and execute the assignment.

(Signature of Witness 2)

8.11.2012. Date:

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PATENT REEL: 041109 FRAME: 0260

RECORDED: 01/27/2017