504961206 06/14/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5007953

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
PAUL KEIM	01/20/2011	

RECEIVING PARTY DATA

Name:	THE TRANSLATIONAL GENOMICS RESEARCH INSTITUTE
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13051755

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	RODNEY J. FULLER
SIGNATURE:	/Rodney J. Fuller/

PATENT 504961206 REEL: 046094 FRAME: 0491

DATE SIGNED: 06/14/2018

Total Attachments: 2
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PATENT REEL: 046094 FRAME: 0492

ASSIGNMENT

Whereas, I, Paul Keim, a citizen of the United States of 3115 W. Tina Lane, Flagstaff, AZ 86001, (the "Assignor") have invented certain new and useful improvements in METHODS, KITS AND COMPOSITIONS USEFUL IN THE DETECTION OF MRSA, set forth in applications to the Commissioner for Patents for grant of Letters Patent of the United States of America having serial numbers:

US Provisional Application Number 61/315,664, filed on 19 Mar 2010 US Provisional Application Number 61/432,511, filed on 13 Jan 2011

and have invented certain new and useful improvements in METHODS KITS AND COMPOSITIONS USEFUL IN SELECTING AN ANTIBIOTIC TO TREAT MRSA set forth in an application to the Commissioner for Patents for grant of Letters Patent of the United States of America having serial number

US Provisional Application Number 61/315,676, filed on 19 Mar 2010, and

Whereas, TRANSLATIONAL GENOMICS RESEARCH INSTITUTE ("Assignee") whose address is 445 North Fifth Street, Phoenix, Arizona, 85004, is desirous of acquiring the entire right, title and interest in the same.

Now, therefore, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned have sold, assigned, and transferred, and do sell, assign and transfer to THE TRANSLATIONAL GENOMICS RESEARCH INSTITUTE and THE ARIZONA BOARD OF REGENTS ON BEHALF OF NORTHERN ARIZONA UNIVERSITY and their successors and assigns the full and my exclusive right, title and interest in the above patent application and invention throughout the United States of America, its territories and dependencies, and all other countries. This includes an assignment of all Letters Patent that may be granted on the invention in the United States of America and all countries throughout the world, and any divisional, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation, or extension thereof; and the right to claim priority from the patent application as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law.

I authorize and request the issuance of said Letters Patent to THE TRANSLATIONAL GENOMICS RESEARCH INSTITUTE and to THE ARIZONA BOARD OF REGENTS ON BEHALF OF NORTHERN ARIZONA UNIVERSITY as assignee of my entire right, title, and interest to be held as fully and entirely as the same would have been held by me had this assignment not been made.

I warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied that will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of the present assignment.

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I also agree upon reasonable request to communicate to THE TRANSLATIONAL GENOMICS RESEARCH INSTITUTE and to THE ARIZONA BOARD OF REGENTS ON BEHALF OF NORTHERN ARIZONA UNIVERSITY, their representatives, assigns, or agents, any facts known to us respecting the invention, and to participate in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and extension applications, make all rightful oaths, provide all requested documents, and do everything reasonably requested to aid THE TRANSLATIONAL GENOMICS RESEARCH INSTITUTE and THE ARIZONA BOARD OF REGENTS ON BEHALF OF NORTHERN ARIZONA UNIVERSITY and their assigns to obtain, maintain, defend and enforce proper patent protection for the invention in the United States or any foreign country. These provisions are binding on our heirs, legal representatives, administrators, and assigns.

IN TESTIMONY WHEREOF,	. Assignor i	has signed	his name (on the	date
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indicated:

COUNTY OF Cocodico

This zo day of Louis , Zoii, before me personally came the abovenamed Paul Keim, who executed the foregoing Assignment in my presence, and who acknowledged to me that it was executed under that person's own free will for the purposes set forth therein.

OFFICIAL SEAL SUSAN SLETTEN NOTARY PUBLIC - State of Arizona COCONINO COUNTY My Comm. Expires June 24, 2013 Notary Public for A 2000

Duson Slitter

My commission expires: June 24,2013

[SEAL]

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RECORDED: 06/14/2018