

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3141487

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
IRA H. PASTAN	11/20/2014
RONIT MAZOR	11/20/2014
MASANORI ONDA	11/20/2014
BYUNGKOOK LEE	11/20/2014
RECEIVING PARTY DATA	
Name:	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
Street Address:	OFFICE OF TECHNOLOGY TRANSFER, NATIONAL INSTITUTES OF HEALTH
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State/Country:	MARYLAND
Postal Code:	20892-7660
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	14505590
PCT Number:	US2014058941
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SIGNATURE:	/Stephanie M. Lawley, Reg. No. 55,362/
DATE SIGNED:	12/10/2014

PATENT

Total Attachments: 5

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**ASSIGNMENT FOR NIH/FDA/CDC INVENTIONS AIA
(NIH OR FDA OR CDC CO-INVENTORS ONLY)**

WHEREAS, we,

1. Ira H. Pastan, an employee of the National Institutes of Health,
2. Ronit Mazor, an employee of the National Institutes of Health,
3. Masanori Onda, an employee of the National Institutes of Health, and
4. Byungkook Lee, an employee of the National Institutes of Health,

a component of the United States Department of Health and Human Services having an address at the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, MSC 7660, Bethesda, MD 20892-7660, have made certain inventions as described and claimed in:

1. International Patent Application No. PCT/US2014/058941 filed October 3, 2014, and which is entitled "MODIFIED *PSEUDOMONAS* EXOTOXIN A,"
2. U.S. Patent Application No. 14/505,590 filed October 3, 2014, and which is entitled "MODIFIED *PSEUDOMONAS* EXOTOXIN A,"
3. Argentine Patent Application No. P140103701 filed October 3, 2014, and which is entitled "MODIFIED *PSEUDOMONAS* EXOTOXIN A,"
4. Gulf Cooperation Council Patent Application No. GC2014-28007 filed September 25, 2014, and which is entitled "MODIFIED *PSEUDOMONAS* EXOTOXIN A,"
5. Pakistan Patent Application No. 669/2014 filed September 24, 2014, and which is entitled "MODIFIED *PSEUDOMONAS* EXOTOXIN A,"
6. Taiwanese Patent Application No. 103134804 filed October 6, 2014, and which is entitled "MODIFIED *PSEUDOMONAS* EXOTOXIN A,"
7. Venezuelan Patent Application No. 1162-14 filed October 2, 2014, and which is entitled "MODIFIED *PSEUDOMONAS* EXOTOXIN A,"

referred to as "**The Patent Applications**"

WHEREAS, we are some of the inventors named in **The Patent Applications**; and

WHEREAS, the inventions described and claimed in **The Patent Applications** were made under conditions such as to entitle **THE UNITED STATES OF AMERICA, as represented by the Secretary, Department of Health and Human Services** [hereinafter **THE GOVERNMENT**] under Executive Order 10096 and its amendments, 35 USC §§200-201, §§206-207, and §210 and 37 CFR Part 501 to our entire right, title, and interest in such inventions; and

WHEREAS, THE GOVERNMENT is desirous of acquiring our domestic and foreign right, title, and interest in the inventions described and claimed in **The Patent Applications**; and

NOW, THEREFORE, having the legal obligation to assign our rights, title and interest in the inventions described and claimed in **The Patent Applications** to **THE GOVERNMENT**, having a place of business at the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, MSC 7660, Bethesda, MD 20892-7660 and for consideration, the receipt and sufficiency of which are hereby acknowledged, we hereby assign and transfer to **THE GOVERNMENT**:

our entire right, title, and interest in and to any and all inventions described and claimed in **The Patent Applications** and any and all Letters Patent(s) which may be granted thereon, and any and all continuations, divisions, reissues or extensions thereof; and

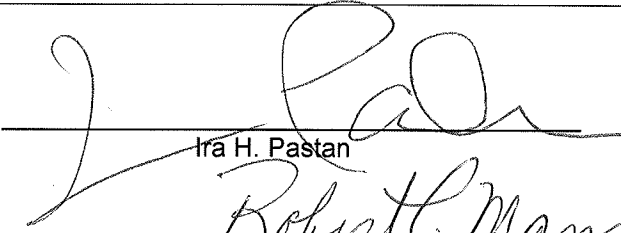
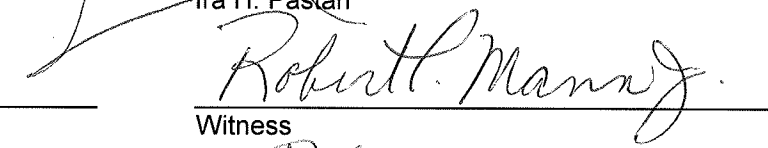
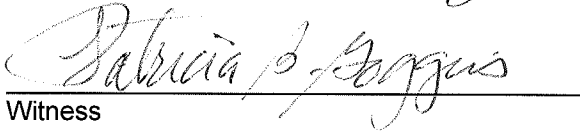
all rights to claim priority on the basis of **The Patent Applications** including but not limited to applications filed through the provisions of the Patent Cooperation Treaty ("PCT Applications"); and

all applications for Letters Patent(s) that may be filed for any and all inventions described and claimed in **The Patent Applications** that may be filed in any foreign country and all Letters Patents that may be granted thereon in any foreign country and all extensions, renewals, and reissues thereof; and

any and all such Letters Patents as may be granted in the United States or any foreign country to be held by **THE GOVERNMENT** to the end of the term for which the same would have been held by the inventors had this assignment not been made.

We further agree to make, execute, and deliver to **THE GOVERNMENT**, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patent, and to assist **THE GOVERNMENT** in every way as may be requested in protecting said invention.

IN WITNESS WHEREOF we subscribe our hands and seals on the dates shown below:

Inventor 1:	
<u>11/20/14</u> Date	 Ira H. Pastan
<u>11/20/14</u> Date	 Witness
<u>11/20/14</u> Date	 Witness

Inventor 2:

Date	<u>Nov 20 2014</u>		
Date	<u>11/20/14</u>		<u>Ronit Mazor</u> Ronit Mazor
Date	<u>11/20/14</u>		<u>Robert A. Mandel</u> Witness
			<u>Patricia B. Goggin</u> Witness

Inventor 3:

11/20/14

Date

Masanori Onda

Masanori Onda

Date

11/20/14

Witness

Robert H. Mann Jr.

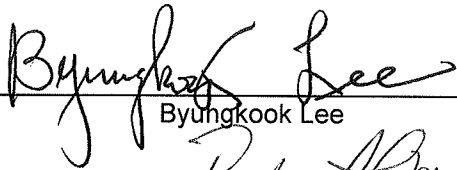

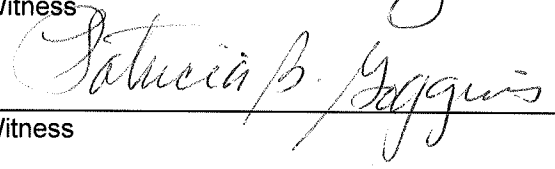
Date

11/20/14

Witness

Patricia B. Pappas

Inventor 4:

Date	<u>11/20/14</u>	<u></u>	<u>Byungkook Lee</u>
Date	<u>11/20/14</u>	<u></u>	<u>Witness</u>
Date	<u>11/20/14</u>	<u></u>	<u>Witness</u>