

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ALEXIS SAUER-BUDGE	12/16/2011
	MAXIM KALASHNIKOV	12/16/2011
	HOLGER WIRZ	12/16/2011
	ANDRE SHARON	12/16/2011
RECEIVING PARTY DATA		
Name:	FRAUNHOFER, USA, INC.	
Street Address:	46025 PORT STREET	
City:	PLYMOUTH	
State/Country:	MICHIGAN	
Postal Code:	48170	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14289745
CORRESPONDENCE DATA		
Fax Number:	(617)345-1300	
<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:	6173451000	
Email:	jsanchez@nixonpeabody.com, bostonpatent@nixonpeabody.com	
Correspondent Name:	NIXON PEABODY	
Address Line 1:	100 SUMMER STREET	
Address Line 4:	BOSTON, MASSACHUSETTS 01970	
ATTORNEY DOCKET NUMBER:	701586-064843-C	
NAME OF SUBMITTER:	LEENA H. KARTTUNEN CONTARINO	
SIGNATURE:	/LEENA H. KARTTUNEN CONTARINO/	
DATE SIGNED:	02/25/2016	
Total Attachments: 5		
source=2016-02-25-SauerBudge_Kalashnikov_Wirz-executedassignment-701586-064843-C#page1.tif		
source=2016-02-25-SauerBudge_Kalashnikov_Wirz-executedassignment-701586-064843-C#page2.tif		
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PATENT

REEL: 037830 FRAME: 0804

ASSIGNMENT

66 Algonquin Rd. #1
Chestnut Hill, MA
02467
12/16/2011
MK

12/16/2011
MK

WHEREAS, WE, **Alexis Sauer-Budge**, a United States citizen residing at 117 South Great Road, Lincoln, MA 01773; **Maxim Kalashnikov**, a ~~United States citizen residing at 96 Sutherland Road, Apartment 10, Newton, MA 02459;~~ and **Holger Wirz**, a ~~United States citizen residing at 17 Palmer Street, Medford, MA 02155~~ have invented certain new and useful improvements in **METHOD AND DEVICE FOR RAPID DETECTION OF BACTERIAL ANTIBIOTIC RESISTANCE/SUSCEPTIBILITY**, for which we have executed an application for a patent in the United States, which can be found in **United States Patent Application No. 13/283,892** filed on **October 28, 2011** as a continuation application of International Application No. PCT/US2010/033523, filed on May 4, 2010, and which claims the benefit of U.S. Provisional Application Serial No. 61/175,605, filed May 5, 2009 and naming us as inventors;

AND WHEREAS, Fraunhofer, USA, Inc., a Michigan corporation, with its principal place of business at 46025 Port Street, Plymouth, Michigan 48170, desires to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said inventors, do hereby acknowledge that We have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Fraunhofer, USA, Inc., its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all patents of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue Patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said Fraunhofer, USA, Inc., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

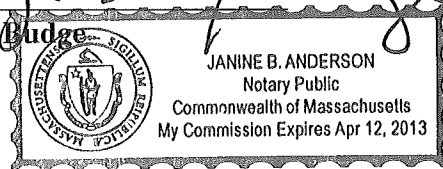
AND WE HEREBY covenant and agree that We will communicate to the said Fraunhofer, USA, Inc., its successors, legal representatives and assigns, any facts known to myself respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said Fraunhofer, USA, Inc., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

The undersigned hereby grant the law firm of Nixon Peabody LLP of 100 Summer Street, Boston, Massachusetts 02110, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, I, **Alexis Sauer-Budge**, hereunto set my signature this
16 day of December, 2011.

Alexis Sauer-Budge

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF SUFFOLK SS:



This 16 day of DECEMBER, 2011, before me personally came the above-named **Alexis Sauer-Budge**, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Janine B. Anderson
Notary Public

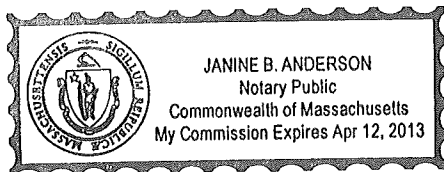
IN TESTIMONY WHEREOF, I, **Maxim Kalashnikov**, hereunto set my signature this
16 day of December, 2011.

Maxim Kalashnikov

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF SUFFOLK SS:

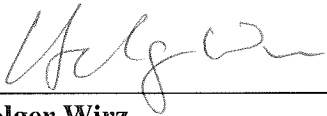
This 16 day of DECEMBER, 2011, before me personally came the above-named **Maxim Kalashnikov**, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Janine B. Anderson
Notary Public



BU07-89


IN TESTIMONY WHEREOF, I, **Holger Wirz**, hereunto set my signature this
16th day of December, 2011.



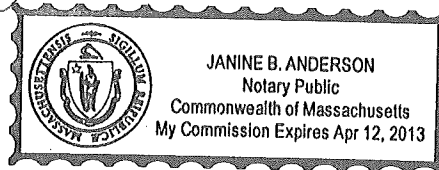
Holger Wirz

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF SUFFOLK SS:

This 16 day of DECEMBER, 2011, before me personally came the above-named **Holger Wirz**, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.



Notary Public



ASSIGNMENT

WHEREAS, I, **Andre Sharon**, a United States citizen residing at 149 Greenwood Street, Newton, MA 02459 have invented certain new and useful improvements in **METHOD AND DEVICE FOR RAPID DETECTION OF BACTERIAL ANTIBIOTIC RESISTANCE/SUSCEPTIBILITY**, for which we have executed an application for a patent in the United States, which can be found in **United States Patent Application No. 13/283,892** filed on **October 28, 2011** as a continuation application of International Application No. PCT/US2010/033523, filed on May 4, 2010, and which claims the benefit of U.S. Provisional Application Serial No. 61/175,605, filed May 5, 2009 and naming me as an inventor;

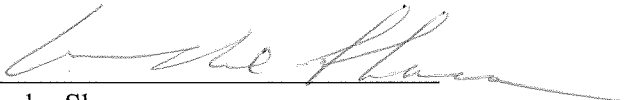
AND WHEREAS, Trustees of Boston University, a Massachusetts corporation, with its principal place of business at One Silber Way, Boston, MA 02215, desires to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I, the said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Trustees of Boston University, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all patents of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue Patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said Trustees of Boston University, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said Trustees of Boston University, its successors, legal representatives and assigns, any facts known to myself respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said Trustees of Boston University, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.


The undersigned hereby grants the law firm of Nixon Peabody LLP of 100 Summer Street, Boston, Massachusetts 02110, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, I, **Andre Sharon**, hereunto set my signature this
16TH day of DECEMBER 2011.


Andre Sharon

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF SUFFOLK SS:

This 16 day of DECEMBER, 20 11, before me personally came the above-named Andre Sharon, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.


Notary Public

