PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Thomas B. Nutman	05/16/2013
Doran Fink	05/30/2013
Joseph Kubofcik	05/16/2013
Peter D. Burbelo	06/03/2013

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
Internal Address:	6011 Executive Boulevard, Suite 325, MSC 7660
City:	Bethesda
State/Country:	MARYLAND
Postal Code:	20892-7660

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13882850

CORRESPONDENCE DATA

Fax Number: 3126165700

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 312-616-5600 Email: email@leydig.com Correspondent Name: John Kilyk, Jr.

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ATTORNEY DOCKET NUMBER:	BIO.031413/EKM
NAME OF SUBMITTER:	John Kilyk, Jr.

<u>PATENT</u> REEL: 030534 FRAME: 0163 502369542

Signature:	/John Kilyk, Jr./
Date:	06/03/2013
Total Attachments: 15	
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PATENT REEL: 030534 FRAME: 0164

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

WHEREAS, we, Thomas B. Nutman, Doran Fink, Joseph Kubofcik, and Peter D. Burbelo, employees 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, [hereinafter The Inventors], have made certain inventions as described and claimed in the U.S. Patent Application having United States Application Number 13/882,850, filed May 1, 2013, and which is entitled "DIAGNOSTIC ASSAYS AND METHODS OF USE FOR DETECTION OF FILARIAL INFECTION" ("U.S. Application") and;

WHEREAS, we are the applicants named in the above-identified U.S. Application; and

WHEREAS, the inventions described and claimed therein 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 the entire right, title, and interest in such inventions; and

WHEREAS, THE GOVERNMENT is desirous of acquiring all domestic and foreign right, title, and interest in the inventions described and claimed in the U.S. Application; and

NOW, THEREFORE, having the legal obligation to assign our right, title and interest in the inventions described and claimed in the above-identified patent application 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:

the entire right, title, and interest in and to any and all inventions described and claimed in said U.S. Application and any and all Letters Patents 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 said U.S. Application including but not limited to applications filed through the provisions of the Patent Cooperation Treaty ("PCT Applications"); and

all applications for Letters Patents that may be filed for any and all inventions described and claimed in said U.S. Application 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 Patents, and to assist **THE GOVERNMENT** in every way as may be requested in protecting said inventions.

Page 1 of 5

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

Inventor 1:	
5/16/13 Date	Thomas B. Nutman
County of Moulgomery	
State of MD	re me this 16 day of May , 2013
Subscribed and sworn to belo	re me this 10 day of 11.009, 201
[Seal]	Skian Agarwal
	My Commission Expires: Kiran Agarwal NOTARY PUBLIC
	Montgomery County State of Maryland My Commission Expire January 10, 2016

Inventor 2:	
Date	Doran Fink
County of	
State of	
Subscribed and sworn to before me this	day of
[Seal]	
	Notary Public for
	My Commission Expires:

Page 3 of 5

Inventor 3:	-
5/16/2013 Joseph Kubofcik	
County of Howard	
State of 190 ruland	
Subscribed and sworn to before me this 16 day of May ,2013	
[Seal] Notary Public Notary Public For Howard County Maryland My Comre My Sammester, Expires September 13, 2016	

Inventor 4:		
Date	Peter D. Burbelo	
County of		
State of		
Subscribed and sworn to before me this	day of	
Substitute and sworn to botole ine and		_·
[Seal]		
	Notary Public for	
	My Commission Expires:	
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Page 5 of 5

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Page 1 of 5

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Inventor 1:	
Date	Thomas B. Nutman
County of	
State of	
Subscribed and sworn to before me this	_day of
[Seal]	
	Notary Public for
	My Commission Expires:

Page 2 of 5

[Inventor 2:
	5/3 0/3 Date Doran Filik
	Country of Prince George
	State of Many land
57 57	Subscribed and sworn to before me this 20th day of MAY . 2013.
	[Seal]
	Notary Public for Manufactures: 11 (30)14

Inventor 3:		
Date	Joseph Kubofcik	
County of		
State of		
Subscribed and sworn to before me this	day of	· .
[Seal]		
	Notary Public for	
	My Commission Expires:	
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PATENT REEL: 030534 FRAME: 0173

Inventor 4:		
Date	Peter D. Burbelo	
County of		
County of		
State of		
Subscribed and sworn to before me this	day of,	·
[Seal]		
	Notary Public for	
	My Commission Expires:	
		·

Page 5 of 5

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Page 1 of 5

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Inventor 1:	
Date	Thomas B. Nutman
County of	
State of	
Subscribed and sworn to before me this	day of,
[Seal]	
[53]	Notary Public for
	My Commission Expires:

Page 2 of 5

Inventor 2:		
Date	Doran Fink	
County of		
County of		
0		
State of		
Subscribed and sworn to before me this	_ day of	
[Seal]		
	Notary Public for	
	My Commission Expires:	

Page 3 of 5

Inventor 3:		
·		
Date	Joseph Kubofcik	
County of		
State of		
State of		
Subscribed and sworn to before me this	day of,	<u>_</u> .
[Seal]		
	Notary Public for	
·	My Commission Expires:	
	·	

Page 4 of 5

Γ	Inventor 4:
	6-3-2013 Peter D. Burbelo
	County of Montgomery
	State of Mary land Subscribed and sworn to before me this 3 day of June , 203.
4 1 1	[Seal]
	Notary Pullimbassed Hereon is My Montgomery County, State of Maryland My Commission Expires April 18, 2015 My Commission Expires April 18, 2015

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