**PATENT ASSIGNMENT COVER SHEET**

**SUBMISSION TYPE:** NEW ASSIGNMENT

**NATURE OF CONVEYANCE:** ASSIGNMENT

### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
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<tr>
<td>JUAN JOSE MARUGAN</td>
<td>01/11/2011</td>
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<tr>
<td>NOEL SOUTHALL</td>
<td>01/11/2011</td>
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<tr>
<td>EHUD GOLPIN</td>
<td>01/10/2011</td>
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<tr>
<td>WEI ZHENG</td>
<td>01/11/2011</td>
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<tr>
<td>SAMARJIT PATNAIK</td>
<td>01/11/2011</td>
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<td>ELLEN SIDRANSKY</td>
<td>01/10/2011</td>
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<tr>
<td>OMID MOTABAR</td>
<td>01/05/2011</td>
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<tr>
<td>WENDY WESTBROEK</td>
<td>01/10/2011</td>
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### RECEIVING PARTY DATA

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<tr>
<th>Name</th>
<th>THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES</th>
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<tr>
<td>Street Address:</td>
<td>6011 EXECUTIVE BOULEVARD</td>
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<tr>
<td>Internal Address:</td>
<td>SUITE 325, MSC 7660</td>
</tr>
<tr>
<td>City:</td>
<td>BETHESDA</td>
</tr>
<tr>
<td>State/Country:</td>
<td>MARYLAND</td>
</tr>
<tr>
<td>Postal Code:</td>
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**PROPERTY NUMBERS Total: 1**

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**CORRESPONDENCE DATA**

Fax Number: (860)286-0115

*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.*

Phone: 8602862929

Email: sbelsen@cantorcolburn.com

Correspondent Name: CANTOR COLBURN LLP

Address Line 1: 20 CHURCH STREET

Address Line 2: 22ND FLOOR

Address Line 4: HARTFORD, CONNECTICUT 06103

**ATTORNEY DOCKET NUMBER:** E-257-2010/0-US-08
<table>
<thead>
<tr>
<th>NAME OF SUBMITTER:</th>
<th>LESLIE-ANNE MAXWELL, REG. NO. 44778</th>
</tr>
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<tbody>
<tr>
<td>SIGNATURE:</td>
<td>/Leslie-Anne Maxwell/</td>
</tr>
<tr>
<td>DATE SIGNED:</td>
<td>04/28/2016</td>
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ASSIGNMENT FOR NIH/FDA INVENTIONS
(NIH OR FDA CO-INVENTORS ONLY)

WHEREAS, we, Juan Jose Marugan of 16500 Apache Lane, Gaithersburg, MD 20878; Noel Southall of 2827 East West Hwy., Chevy Chase, MD 20815; Ehud Goldin of 606 Rollins Ave., Rockville, MD 20852; Wei Zheng of 10838 Hillbrooke Lane, Potomac, MD 20854; Samarjit Patnaik of 357 West Side Dr., Apt. 301, Gaithersburg, MD 20878; Ellen Sidransky of 8414 Lindar Ave., Bethesda, MD 20814; Omid Motabar of 13021 Chestnut Oak Drive, Darnestown, MD 20878; and Wendy Westbrook of 14100 Gaines Avenue, Rockville, MD 20853, 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 Serial Number 61/420,946, filed December 8, 2010, and which is entitled "SUBSTITUTED PYRAZOLOPYRIMIDINES AS GLUCOCEREBROSIDASE ACTIVATORS" ("U.S. Application") and;

WHEREAS, we are the applicant(s) 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 my/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 Patent 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 Patent that may be filed for any and all inventions described and claimed is 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.
I [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:

<table>
<thead>
<tr>
<th>Inventor 1:</th>
<th></th>
</tr>
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<tbody>
<tr>
<td>Date</td>
<td>1-11-2011</td>
</tr>
<tr>
<td>Signature</td>
<td>Juan Jose Marugan</td>
</tr>
<tr>
<td>County</td>
<td></td>
</tr>
<tr>
<td>Ss</td>
<td></td>
</tr>
<tr>
<td>State</td>
<td></td>
</tr>
<tr>
<td>Subscribed and sworn to before me this 11 day of January, 2011.</td>
<td></td>
</tr>
</tbody>
</table>

[Seal]

Catherine Ann Anzick
Notary Public for Montgomery County
My Commission Expires: July 05, 2014
Inventor 2:

[Signature]

Date

Noel Southall

County of __________________________ Ss:

State of __________________________

Subscribed and sworn to before me this 11 day of January 2011.

[Seal]

Notary Public for

My Commission Expires:

KATHERINE ANN ANZICK
Notary Public-Maryland
Montgomery County
My Commission Expires
July 30, 2014

Inventor 3:

[Signature]

Date

Ehud Goldin

County of __________________________ Ss:

State of __________________________

Subscribed and sworn to before me this ___ day of ____________ , ___.

[Seal]

Notary Public for ________________

My Commission Expires: ____________
Inventor 2:

Date ____________________________ Noel Southall

County of ________________________ Ss:

State of __________________________

Subscribed and sworn to before me this ___ day of _________________, ____.

[Seal]

__________________________________
Notary Public for __________________
My Commission Expires: ____________

Inventor 3:

1/10/11 ____________________________ Ehud Goldin

County of Montgomery Ss:

State of Maryland

Subscribed and sworn to before me this ___ day of January, 2011

[Seal]

______________________________
Kecia K Dickerson
Notary Public for Maryland
My Commission Expires March 23, 2011

Inventor 4:

1/11/2011
Date
Weizheng

County of ____________________________

State of ____________________________

Subscribed and sworn to before me this ___ day of ____________, ___.

[Seal]

Catherine Ann Anzick
Notary Public
Montgomery County
My Commission Expires: July 06, 2014

Inventor 5:

1/11/11
Date
Samarjit Patnaik

County of ____________________________

State of ____________________________

Subscribed and sworn to before me this ___ day of ____________, ___.

[Seal]

Catherine Ann Anzick
Notary Public
Montgomery County
My Commission Expires: July 06, 2014
Inventor 6:

1/10/11                         Ellia Libur
__________________________________________________________
Date                                      Ellen Sidransky

County of Montgomery                      Ss:
State of Maryland

Subscribed and sworn to before me this 10 day of January 2011

Kecia K Dickerson
Notary Public
Prince George's County
Maryland
My Commission Expires Mar 23, 2011

[Seal]

Inventor 7:

                              _____________________________
__________________________________________________________
Date                                      Omid Molabar

County of ___________________________ Ss:
State of ___________________________

Subscribed and sworn to before me this ___day of _________________. ___

[Seal]

Notary Public for _________________________
My Commission Expires: ________________
Inventor 6:

Date ____________________________  Ellen Sidransky

County of ____________________________  Ss:

State of ____________________________

Subscribed and sworn to before me this ___ day of ____________________________, ___.

[Seal]

Notary Public for ____________________________
My Commission Expires: ____________________________

Inventor 7:

1/5/11 ____________________________  Omid Motabar

County of Dauphin  Ss:

State of Pennsylvania

Subscribed and sworn to before me this ___ day of January , 2011

[Seal]

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
SUSAN C. CIKAN, Notary Public
Derry Township, Dauphin County
My Commission Expires April 09, 2013

Notary Public for 21 RB CENTRAL PENN
My Commission Expires: 04/09/2013
Inventor 8:

Date: January 10, 2011

Wendy Westbrook

County of Montgomery
Ss:

State of Maryland

Subscribed and sworn to before me this 10 day of January, 2011.

KECIA K. DICKERSON
Notary Public
Prince George's County
Maryland
My Commission Expires: March 23, 2011

Notary Public for Maryland
My Commission Expires: May 29, 2011