

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>John C. Byrd</td> <td>07/03/2013</td> </tr> <tr> <td>Amy J. Johnson</td> <td>07/03/2013</td> </tr> <tr> <td>Emilia Mahoney</td> <td>06/21/2013</td> </tr> <tr> <td>David M. Lucas</td> <td>06/21/2013</td> </tr> <tr> <td>Michael R. Grever</td> <td>06/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	John C. Byrd	07/03/2013	Amy J. Johnson	07/03/2013	Emilia Mahoney	06/21/2013	David M. Lucas	06/21/2013	Michael R. Grever	06/21/2013
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<table border="1"> <tr> <td>Name:</td> <td>The Ohio State University</td> </tr> <tr> <td>Street Address:</td> <td>1524 North High Street</td> </tr> <tr> <td>City:</td> <td>Columbus</td> </tr> <tr> <td>State/Country:</td> <td>OHIO</td> </tr> <tr> <td>Postal Code:</td> <td>43201</td> </tr> </table>		Name:	The Ohio State University	Street Address:	1524 North High Street	City:	Columbus	State/Country:	OHIO	Postal Code:	43201		
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CORRESPONDENCE DATA													
<p>Fax Number: 4192559639 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 4192555900 Email: docketing@mstfirm.com Correspondent Name: MacMillan, Sobanski & Todd, LLC Address Line 1: 720 Water Street Address Line 2: One Maritime Plaza Fifth Floor Address Line 4: Toledo, OHIO 43604</p>													
ATTORNEY DOCKET NUMBER:	1-53444/OSU-2011-012												
NAME OF SUBMITTER:	Catherine B. Martineau												

Signature:	/Catherine B. Martineau/
Date:	07/15/2013
Total Attachments: 4 source=604_53444_Assignment_OSU-2011-012#page1.tif source=604_53444_Assignment_OSU-2011-012#page2.tif source=604_53444_Assignment_OSU-2011-012#page3.tif source=604_53444_Assignment_OSU-2011-012#page4.tif	

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the undersigned,

John C. Byrd, a US citizen, residing at 1950 Arlington Avenue, Columbus, Ohio 43212,
Amy J. Johnson, a US citizen, residing at 279 East Royal Forest Boulevard, Columbus, Ohio 43214,
Emilia Mahoney, a US citizen, residing at 3343 Timber Run Drive, Columbus, Ohio 43204,
David M. Lucas, a US citizen, residing at 3335 Darbyshire Drive, Hilliard, Ohio 43026, and
Michael R. Grever, a US citizen, residing at 8723 Bakircay Lane, Powell, Ohio 43065

(hereinafter "Assignors") hereby sell, assign and transfer to The Ohio State University, an Institution of Higher Education in the State of Ohio having offices located at the Technology Commercialization and Knowledge Transfer Office, 1524 North High Street, Columbus, Ohio 43201 (hereinafter "Assignee"), its successors, assigns and legal representatives, the entire right, title and interest, in and to any and all inventions which are disclosed in:

Compositions and Methods for Increasing Drug Efficacy in Cancer,

filed as **United States Serial No. 13/883,862**, filed **May 7, 2013**,
which claims priority from **PCT/US2011/059645**, filed **November 7, 2011**,
which claims priority from **United States Serial No. 61/411,236**, filed **November 8, 2010**,
Reference No. : OSU-2011-012 [1-53444]

SUCH ASSIGNMENT shall be in and to each said application and extensions thereof including all rights of priority arising therefrom and in and to all non-provisional, divisional, continuing applications, substitute, renewal, reissue applications, all provisional applications directed to the same invention which have been or will be filed and all other applications for Letters Patent which have been or shall be filed in the United States and all countries of the world and all international applications on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all countries of the world on said invention. We hereby authorize and request the Commissioner of Patents or other proper Officer to issue such Letters Patent to the above Assignee, its successors and/or assigns.


ASSIGNORS also agree that said Assignee may apply for, receive and maintain Letters Patent for said inventions in its own name; and that, when requested, without charge to, but at the expense of said Assignee, its successors, assigns and legal representatives, Assignors will carry out in good faith the intent and purpose of this assignment and that the undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any and all said inventions for the U.S., all other countries of the world and under all treaties; and will execute all rightful oaths, supplemental oaths, preliminary statements, assignments, powers of attorney, assurance of title, declarations and other papers for the U.S., all other countries and under all treaties, and will communicate to said Assignee, its successors, assigns and representatives, all facts known to the undersigned relating to said inventions and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions, and for complying with applicable law and for vesting title to said inventions and all applications for patents and all patents on said inventions in said Assignee, its successors, assigns and legal representatives for the U.S., all other countries and under all related treaties.

ASSIGNORS hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of said Assignee to apply for, defend or enforce a patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority,


ASSIGNORS FURTHER covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

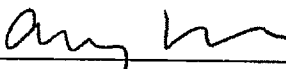
Date: 7/3/2013 By: 
John C. Byrd

WITNESSED BY:

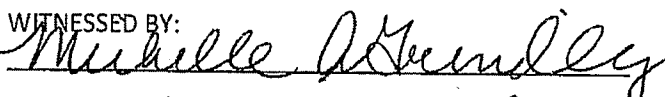

Printed Name Michelle A. Grindley
Date: 7/3/13

WITNESSED BY:

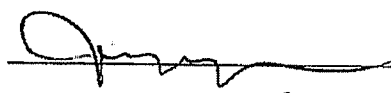

Printed Name Natarajan Mothusamy
Date: 07/03/13

Date: 7-3-13 By: 
Amy J. Johnson

WITNESSED BY:


Printed Name Michelle A. Grindley
Date: 7/3/13

WITNESSED BY:


Printed Name Jennifer Wagoner
Date: 7/3/13

Date: 6/21/13 By: Emilia Mahoney
Emilia Mahoney

WITNESSED BY:

Michelle A. Grindley

Printed Name Michelle A. Grindley

Date: 6/21/13

WITNESSED BY:

Derek West

Printed Name DEREK WEST

Date: 6/21/13

Date: 6/21/13 By: David M. Lucas
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Michelle A. Grindley

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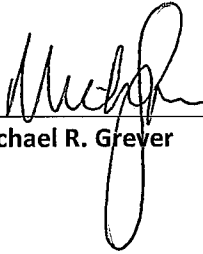
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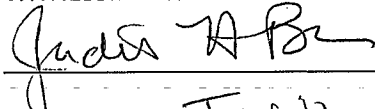
Printed Name DEREK WEST

Date: 6/21/13

Date: 6/21/13

By: 
Michael R. Grever

WITNESSED BY:


Printed Name Judith H. Bowers

Date: 6/21/13

WITNESSED BY:


Printed Name ANGELA HAYES

Date: 6/21/13