

PATENT ASSIGNMENT

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
David H. Sherman	01/19/2011
Christopher M. Rath	01/18/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	The Regents of the University of Michigan
<b>Street Address:</b>	1214 S. University Ave., 2nd Floor
<b>Internal Address:</b>	Office of Technology Transfer
<b>City:</b>	Ann Arbor
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48104-2592
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13640815
<b>CORRESPONDENCE DATA</b>	
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<b>NAME OF SUBMITTER:</b>	Michael J. Allikian
<b>Total Attachments: 2</b> source=45345 asaign3#page1.tif source=45345 asaign3#page2.tif	

OP \$40.00 13640815

ASSIGNMENT

Serial No: 61/324,639

Filed: April 15, 2010

Title: A BIOSYNTHETIC PATHWAY FOR HETEROLOGOUS EXPRESSION OF A  
NONRIBOSOMAL PEPTIDE SYNTHETASES DRUG AND ANALOGS

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to THE REGENTS OF THE UNIVERSITY OF MICHIGAN, Office of Technology Transfer, 1214 S. University Ave., 2nd Floor, Ann Arbor, Michigan 48104-2592 (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for letters patent of the United States, and in said application and any and all other applications, both in the United States and in other countries, which the undersigned may file or be named as an inventor, either solely or jointly with others, on said invention or improvements, and in any and all letters patent of the United States and other countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner for Patents to issue said letters patent to said Assignee.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned except in favor of Assignee.

For said consideration the undersigned hereby agree, upon the request and at the expense of said Assignee, its successors and assigns, to execute any and all applications on said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any letters patent that may be granted upon any and all of said applications, and any and all applications and other documents for letters patent in other countries on said invention or improvements, that said Assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said Assignee, its successors or assigns, in the event of any application or letters patent assigned herein becoming involved in Interference or Opposition, to cooperate to the best of the ability of the undersigned with said Assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said letters patent, both in the United States and in other countries, and vest all rights therein hereby conveyed in said Assignee, its successors and assigns, whereby said letters patent will be held and enjoyed by said Assignee, its successors and assigns, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

MARSHALL, GERSTEIN & BORUN LLP, 233 S. Wacker Drive, 6500 Willis Tower, Chicago, Illinois 60606-6357

WITNESS our hands this 19<sup>th</sup> day of January, 2011

State of Michigan  
County of Washtenaw

David H. Sherman  
David H. Sherman

On this 19<sup>th</sup> day of January, 2011, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same persons whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as this his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires: 1/31/2014 Erin Stephens  
Notary Public

ERIN STEPHENS  
Notary Public, State of Michigan  
County of Washtenaw  
My Commission Expires Jan. 31, 2014  
Acting in the County of Washtenaw

WITNESS our hands this 18<sup>th</sup> day of January, 2011

State of Michigan  
County of Washtenaw

Christopher M. Rath  
Christopher M. Rath

On this 18<sup>th</sup> day of January, 2011, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same persons whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires: 1/25/14 Jennifer R. Labadie  
Notary Public

JENNIFER R. LABADIE  
Notary Public, State of Michigan  
County of Wayne  
My Commission Expires Jan. 25, 2014  
Acting in the County of Washtenaw