

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>Zach Serber</td> <td>06/07/2012</td> </tr> <tr> <td>Andrew Horwitz</td> <td>06/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Zach Serber	06/07/2012	Andrew Horwitz	06/06/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>AMYRIS, INC.</td> </tr> <tr> <td>Street Address:</td> <td>5885 Hollis Street, Suite 100</td> </tr> <tr> <td>City:</td> <td>Emeryville</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94608</td> </tr> </table>		Name:	AMYRIS, INC.	Street Address:	5885 Hollis Street, Suite 100	City:	Emeryville	State/Country:	CALIFORNIA	Postal Code:	94608
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CORRESPONDENCE DATA											
<p>Fax Number: (415)393-9887</p> <p>Phone: 415.954.0200</p> <p>Email: tomika.thomas@squiresanders.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Squire Sanders (US) LLP</p> <p>Address Line 1: 275 Battery Street, Ste. 2600</p> <p>Address Line 4: San Francisco, CALIFORNIA 94111</p>											
ATTORNEY DOCKET NUMBER:	107345.00103										
NAME OF SUBMITTER:	Stephanie X. Wang, Ph.D.										
<p>Total Attachments: 2</p> <p>source=107345_00103_executed_Assignment#page1.tif</p> <p>source=107345_00103_executed_Assignment#page2.tif</p>											

CH \$40.00 13459034

ASSIGNMENT

WHEREAS, I, Andrew Horwitz, ASSIGNOR, citizen of the United States, residing at 5885 Hollis Street, Suite 100, Emeryville, California 94608 in relation to the invention for

Methods of Genomic Modification

for which an application for a Patent of the United States has been executed

☒ which is identified by Squire Sanders (US) LLP docket no. 107345.00103

☒ which was filed on April 27, 2012, Application No. 13/459,034

and WHEREAS, AMYRIS, INC., a corporation organized and existing under the laws of the State of Delaware, and having an office for the transaction of business at 5885 Hollis Street, Suite 100, Emeryville, California 94608, herein referred to as "ASSIGNEE", is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States provisional application and all applications 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 applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

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

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

Date 6/6/12

Andrew Horwitz L.S.
Andrew Horwitz

Date 6-6-12

Dominic Lim
Witness (sign and print name)

Date 6/6/12

Cheniz-Raj
Witness (sign and print name)

ASSIGNMENT

WHEREAS, I, Zach Serber, ASSIGNOR, citizen of the United States, residing at 5885 Hollis Street, Suite 100, Emeryville, California 94608 in relation to the invention for

Methods of Genomic Modification

for which an application for a Patent of the United States has been executed

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NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States provisional application and all applications 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 applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

Date June 7, 2012

Zach Serber L.S.
Zach Serber

Date 6/7/12

DOMINIC LIM
Witness (sign and print name)

Date 6/7/12

WAYNE SRETB
Witness (sign and print name)