

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Maureen C. Dolan</td> <td>04/18/2012</td> </tr> <tr> <td>Argelia Lorence</td> <td>04/18/2012</td> </tr> <tr> <td>Giuliana Medrano</td> <td>04/18/2012</td> </tr> </tbody> </table>		Name	Execution Date	Maureen C. Dolan	04/18/2012	Argelia Lorence	04/18/2012	Giuliana Medrano	04/18/2012		
Name	Execution Date										
Maureen C. Dolan	04/18/2012										
Argelia Lorence	04/18/2012										
Giuliana Medrano	04/18/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Arkansas State University</td> </tr> <tr> <td>Street Address:</td> <td>P.O. Box 2760</td> </tr> <tr> <td>City:</td> <td>State University</td> </tr> <tr> <td>State/Country:</td> <td>ARKANSAS</td> </tr> <tr> <td>Postal Code:</td> <td>72467</td> </tr> </table>		Name:	Arkansas State University	Street Address:	P.O. Box 2760	City:	State University	State/Country:	ARKANSAS	Postal Code:	72467
Name:	Arkansas State University										
Street Address:	P.O. Box 2760										
City:	State University										
State/Country:	ARKANSAS										
Postal Code:	72467										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13503473</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13503473						
Property Type	Number										
Application Number:	13503473										
CORRESPONDENCE DATA											
<p>Fax Number: (414)271-5770</p> <p>Phone: (414) 271-7590</p> <p>Email: tvanheyningen@andruslaw.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: Tambryn K. VanHeyningen</p> <p>Address Line 1: 100 East Wisconsin</p> <p>Address Line 2: Suite 1100</p> <p>Address Line 4: Milwaukee, WISCONSIN 53704</p>											
ATTORNEY DOCKET NUMBER:	5656-00003										
NAME OF SUBMITTER:	Tambryn K. VanHeyningen										
<p>Total Attachments: 3</p> <p>source=2012-04-23_5656-00003_Executed_Assignment_as_Filed#page1.tif</p> <p>source=2012-04-23_5656-00003_Executed_Assignment_as_Filed#page2.tif</p> <p>source=2012-04-23_5656-00003_Executed_Assignment_as_Filed#page3.tif</p>											

CH \$40.00 13503473

## ASSIGNMENT

Pursuant to our obligation to ARKANSAS STATE UNIVERSITY (herein referred to as "Assignee"), having its principal place of business at:

P.O. Box 2760  
State University, Arkansas 72467

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Maureen C. Dolan  
Arkansas Bioscience Institute, ASU  
504 University Loop East  
Jonesboro, Arkansas 72401

Argelia Lorence  
Arkansas Bioscience Institute, ASU  
504 University Loop East  
Jonesboro, Arkansas 72401

Giuliana Medrano  
Arkansas Bioscience Institute, ASU  
504 University Loop East  
Jonesboro, Arkansas 72401

confirm our obligation to and effective as of October 22, 2010 hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest –

(1) in and to an invention entitled "METHODS AND COMPOSITIONS FOR ENHANCING POLYPEPTIDE PRODUCTION" (Atty. File No. 5656-00003) for which International Patent Application No. PCT/US2010/053795 (hereinafter the "PCT application") was filed October 22, 2010, which application claims the benefit of the United States Provisional Patent Application No. 61/254,522, filed October 23, 2009 (hereinafter the "U.S. provisional patent application");

(2) in and to the PCT application and the U.S. provisional patent application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention or claiming the benefit of the PCT application, or the U.S. provisional patent application, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted;

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including foreign applications entering the national phase of the PCT application, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

(4) in and to all applications filed under International Conventions on the invention or claiming priority to the PCT application and the U.S. provisional patent application.

We agree that any patent applications with a claim to priority based on the PCT application or the U.S. provisional patent application filed in any foreign countries may be filed in the name of Assignee.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed to be necessary, by Assignee, its successors or assigns, to complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

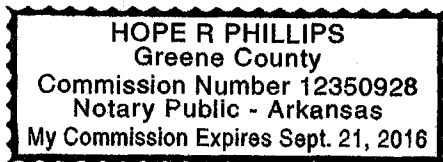
4/18/12  
Date

Maureen C. Dolan  
Maureen C. Dolan  
Inventor

State of Arkansas )  
County of Greene )

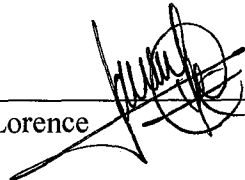
I do hereby certify that Maureen Dolan,  
personally known to me to be the same person or persons who signed the foregoing instrument,  
appeared before me this day and acknowledged that said instrument was signed and delivered as the  
free and voluntary act of Maureen Dolan, for the  
uses and purposes therein set forth.

Given under my hand and seal, this 18th day of April 2012.



Hope R. Phillips  
, Notary Public

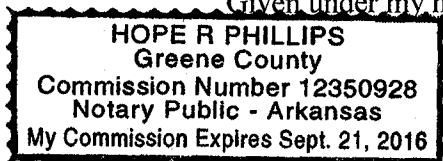
312  
Date 4/18/12

  
Argelia Lorence  
Inventor

State of Arkansas )  
County of Greene )

I do hereby certify that Argelia Lorence,  
personally known to me to be the same person or persons who signed the foregoing instrument,  
appeared before me this day and acknowledged that said instrument was signed and delivered as the  
free and voluntary act of Argelia Lorence, for the  
uses and purposes therein set forth.

Given under my hand and seal, this 18<sup>th</sup> day of April 20 12



Hope R. Phillips  
, Notary Public

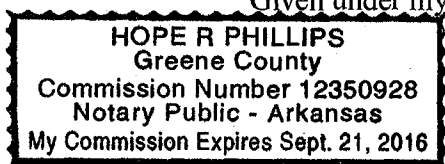
Date 04/18/12

Medrano  
Giuliana Medrano  
Inventor

State of Arkansas )  
County of Greene )

I do hereby certify that Giuliana Medrano,  
personally known to me to be the same person or persons who signed the foregoing instrument,  
appeared before me this day and acknowledged that said instrument was signed and delivered as the  
free and voluntary act of Giuliana Medrano, for the  
uses and purposes therein set forth.

Given under my hand and seal, this 18<sup>th</sup> day of April 20 12



Hope R. Phillips  
, Notary Public