

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Raghunath V. Chaudhari</td> <td>03/29/2012</td> </tr> <tr> <td>Bala Subramaniam</td> <td>04/30/2012</td> </tr> <tr> <td>Debdut S. Roy</td> <td>03/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	Raghunath V. Chaudhari	03/29/2012	Bala Subramaniam	04/30/2012	Debdut S. Roy	03/30/2012
Name	Execution Date								
Raghunath V. Chaudhari	03/29/2012								
Bala Subramaniam	04/30/2012								
Debdut S. Roy	03/30/2012								
RECEIVING PARTY DATA									
Name:	University of Kansas								
Street Address:	1450 Jayhawk Blvd								
Internal Address:	245 Strong Hall								
City:	Lawrence								
State/Country:	KANSAS								
Postal Code:	66045								
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>13432947</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13432947				
Property Type	Number								
Application Number:	13432947								
CORRESPONDENCE DATA									
Fax Number:	(816)412-9392								
Phone:	816 842-8600								
Email:	lgurley@stinson.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Lora Gurley								
Address Line 1:	1201 Walnut Street, Suite 2900								
Address Line 2:	Stinson Morrison Hecker LLP								
Address Line 4:	Kansas City, MISSOURI 64106-2150								
ATTORNEY DOCKET NUMBER:	506274-0088								
NAME OF SUBMITTER:	Lora Gurley								

CH \$40.00 13432947

Total Attachments: 5

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ASSIGNMENT AGREEMENT

In consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Raghunath V. Chaudhari, an individual having an address of 6109 Palisades Dr, Lawrence Kansas 66049; Bala Subramaniam, an individual having an address of 1613 Troon Ln, Lawrence Kansas 66047; and Debdtut S. Roy, an individual having an address of 1528 Eddingham Dr, Lawrence Kansas 66046 (hereinafter "Assignors") hereby assign, transfer, and convey to the University of Kansas, a university created and existing under and by virtue of the laws of the State of Kansas, and having a principal place of business at 245 Strong Hall, 1450 Jayhawk Blvd, Lawrence, Kansas 66045, its successors, legal representatives, and assigns (hereinafter "Assignee"), the Assignors' entire right, title and interest in and to the invention for CATALYST SYSTEM AND PROCESS FOR CONVERTING GLYCEROL TO LACTIC ACID; in and to the application filed herewith and based thereon; in and to all patents to be issued pursuant to said application and any divisionals, continuations, continuations in part, extensions, renewals, and reissues thereof; and in and to all applications for patents or similar legal protection which may hereafter be filed for said invention in any country, all patents or similar legal protection which may be granted for said invention in any country and all extensions, renewals and reissues thereof or legal equivalent thereof.


Assignors hereby authorize and request the Director of Patents and Trademarks of the United States, and any official of any other country whose duty it is to issue patents or similar legal protection on said applications, to issue patents or similar legal protection for said invention to Assignee, the same to be held by Assignee for its own use and benefit, to the full end of the

term for which said patents or similar legal protection are or may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors had this assignment not been made.

Assignors hereby further agree, upon the request of Assignee, to execute any and all applications for divisionals, continuations and/or continuations in part for said invention or improvements and any supplemental oath or declaration relating thereto, and any applications for the reissue or extension of any patent that may be granted upon said applications that Assignee may deem necessary or expedient. Assignors further agree that in the event any said application, or patent issued thereon, becomes involved in an interference, upon request of Assignee, Assignors will cooperate to the best of their ability with Assignee in preparing the preliminary statement and giving and producing evidence in support thereof. Assignors hereby agree to perform, upon such request, any and all affirmative acts to obtain said patents or similar legal protection, and vest all rights therein in Assignee as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment had not been made.

Assignors hereby covenant and warrant that as of the date hereof they are the true and lawful owners of the entire, right, title and interest in said invention, applications, and patents which may issue pursuant thereto, that they have the full right and power to convey the same, that the same are free and clear of all liens, charges and encumbrances whatsoever, and that they have not executed and will not execute any agreement in conflict herewith.

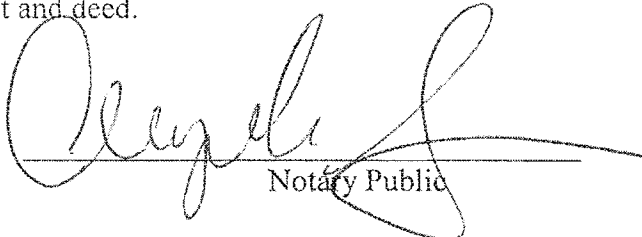
WITNESS my hand and seal this 29 day of MARCH, 2012.


_____ Raghunath V. Chaudhari

ACKNOWLEDGMENT

STATE OF Kansas)
COUNTY OF Douglas) SS

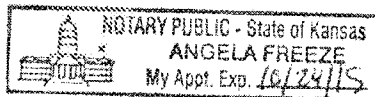
On this 29 day of March, 2012, before me, a Notary Public in and for the State and County aforesaid, personally appeared Raghunath V. Chaudhari, to me known and known to me to be the person of that name who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.


_____ Notary Public

(SEAL)

My Commission Expires:

10/24/15



WITNESS my hand and seal this 30th day of April, 2012.

Bala Subramaniam

Bala Subramaniam

ACKNOWLEDGMENT

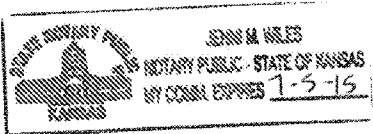
STATE OF Kansas)
) SS
COUNTY OF Douglas)

On this 30th day of April, 2012, before me, a Notary Public in and for the State and County aforesaid, personally appeared Bala Subramaniam, to me known and known to me to be the person of that name who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Jenni M. Will
Notary Public

(SEAL)

My Commission Expires:
7-5-15



WITNESS my hand and seal this 30 day of MARCH 2012

[Signature]
Deborah S. Roy

Regd No. 693
Date 30/3/12

ACKNOWLEDGMENT

STATE OF GUJARAT)
COUNTY OF INDIA)



On this 30 day of MARCH 2012 before me, a Notary Public in and for the State and County aforesaid, personally appeared Deborah Shankarpada Roy, to me known and known to me to be the person of that name who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

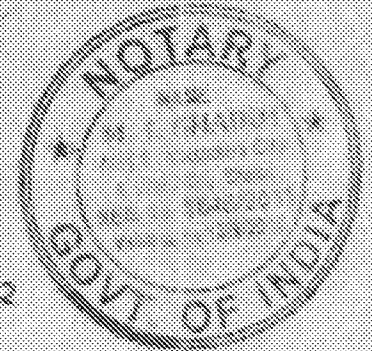
(SEAL)

My Commission Expires:

MY COMMISSION EXPIRES ON
SEPTEMBER 18
M. I. SHAIKH
NOTARY

[Signature]
Identified / ~~Accepted~~ by me
[Signature]
Advocate

Notary Public



ATTESTED

[Signature] 30/3/12
M. I. SHAIKH
NOTARY

