

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4963462

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRIAN CHRISTOPHER VICENTE	09/03/2015
PETER K. STOIMENOV	09/01/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GREENYUG, LLC
<b>Street Address:</b>	861 WARD DR.
<b>City:</b>	SANTA BARBARA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	93111
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15753064
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(972)731-2289
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<b>Phone:</b>	9727312288
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<b>ATTORNEY DOCKET NUMBER:</b>	4611-00609
<b>NAME OF SUBMITTER:</b>	ANDREW M. METRAILER
<b>SIGNATURE:</b>	/Andrew M. Metrailer/
<b>DATE SIGNED:</b>	05/16/2018
<b>Total Attachments: 4</b>	
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PATENT  
Docket No. 4392-00900

ASSIGNMENT

WHEREAS, I, among the following inventors, Brian Christopher VICENTE and Peter K. STOIMENOV, am an inventor of **COMPOSITION OF CATALYSTS FOR CONVERSION OF ETHANOL TO N-BUTANOL AND HIGHER ALCOHOLS** (the "Invention"), and of a provisional application disclosing said invention, Serial No. 62/207,157, filed August 19, 2015, also known as attorney docket number 4392-00900 and;

WHEREAS, GREENYUG, LLC. ("GREENYUG"), a limited liability company created and existing under and by virtue of the laws of the State of Delaware, United States of America, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign, transfer and set over to GREENYUG, all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all other applications for said invention, including divisional, continuation, provisional, non-provisional, regular, and reissue applications, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by GREENYUG for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed if this assignment and sale had not been made.

And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to GREENYUG, as assignee of my entire interest, and hereby covenant that I have the 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 further hereby covenant and agree that I will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to GREENYUG, its successors, assigns, or other legal representatives and that if GREENYUG, its successors, assigns or other legal representatives shall desire to file any divisional or continuation applications or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, I will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

And I do further covenant and agree that I will, at any time upon request, communicate to GREENYUG, its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to me, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

(Signature):   
Brian Christopher VICENTE

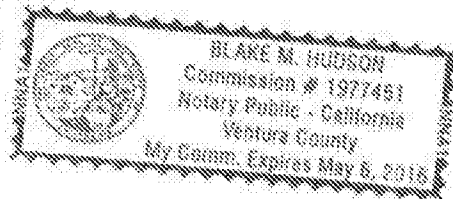
Date: 9/3/15

STATE OF CALIFORNIA           §  
  § ss.  
COUNTY OF SANTA BARBARA   §

On September 3, 2015 before me, Blake M. Hudson - Notary Public, personally appeared **BRIAN CHRISTOPHER VICENTE**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature 



[SEAL]

\*\*\*\*\*

(Signature):   
Peter K. STOIMENOV

Date: 09/01/2015

STATE OF CALIFORNIA           §  
  § ss.  
COUNTY OF SANTA BARBARA   §

On \_\_\_\_\_ before me, \_\_\_\_\_  
personally appeared PETER K. STOIMENOV, personally known to me (or proved to me  
on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed  
the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on  
the instrument the person(s), or the entity upon behalf of which the person(s) acted,  
executed the instrument.

WITNESS my hand and official seal.

Signature See Attached

[SEAL]

\*\*\*\*\*

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

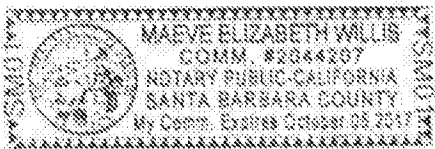
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )
County of Santa Barbara )
on September 1st 2015 before me, Maeve Willis, Notary Public
Date Here Insert Name and Title of the Officer
personally appeared Peter Staimenov
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Maeve Willis
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document
Title or Type of Document: Patent Assignment Document Date: 9/1/15
Number of Pages: 1 Signer(s) Other Than Named Above: none

Capacity(ies) Claimed by Signer(s)

Signer's Name: Peter Staimenov
Corporate Officer - Title(s):
Partner - Limited General
Individual Attorney in Fact
Trustee Guardian or Conservator
Other:
Signer is Representing: n/a

Signer's Name:
Corporate Officer - Title(s):
Partner - Limited General
Individual Attorney in Fact
Trustee Guardian or Conservator
Other:
Signer is Representing: n/a