

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3013094

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THOMAS R. BOUSSIE	08/20/2009
ERIC L. DIAS	08/20/2009
ZACHARY M. FRESCO	08/20/2009
VINCENT J. MURPHY	08/20/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RENNOVIA, INC.
<b>Street Address:</b>	1080 HAMILTON AVENUE
<b>City:</b>	MENLO PARK
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94025
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14291600
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(314)231-4342
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	314-345-7000
<b>Email:</b>	uspatents@senniger.com
<b>Correspondent Name:</b>	SENNIGER POWERS LLP
<b>Address Line 1:</b>	100 NORTH BROADWAY
<b>Address Line 2:</b>	17TH FLOOR
<b>Address Line 4:</b>	ST LOUIS, MISSOURI 63102
<b>ATTORNEY DOCKET NUMBER:</b>	RNVA 6354.US2
<b>NAME OF SUBMITTER:</b>	JODI A. GALLOP
<b>SIGNATURE:</b>	/Jodi A. Gallop/
<b>DATE SIGNED:</b>	09/08/2014
<b>Total Attachments: 4</b>	
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ASSIGNMENT

**WHEREAS, We** Thomas R. Boussie of Menlo Park, California, Eric L. Dias of Belmont, California, Zachary M. Fresco of Santa Clara, California and Vincent J. Murphy of San Jose, California, have invented an improvement in PRODUCTION OF CHEMICALS USING SELECTIVE HYDRODEOXYGENATION OF SUBSTRATES, INCLUDING SUBSTRATES DERIVED FROM BIORENEWABLE SOURCES described in U.S. provisional application Serial No. 61/268,414 filed June 13, 2009;

**AND, WHEREAS,** Rennovia, Inc. of Menlo Park, California, a corporation of the State of Delaware (hereinafter referred to as "ASSIGNEE") is desirous of acquiring certain rights thereunder;

**NOW, THEREFORE,** for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, we have agreed to and do hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said invention, said United States application, any other United States applications (including provisional, non-provisional, divisional, continuing, or reissue applications) based in whole or in part on said United States application or in whole or in part on said invention, any foreign applications based in whole or in part on any of the aforesaid United States application or in whole or in part on said invention, and any and all patents (including extensions thereof) of any country which have been or may be granted on any of the aforesaid applications or on said invention or any part thereof;

**TO BE HELD AND ENJOYED** by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said interest been made;

**AND We** hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

**AND We** hereby jointly and severally agree for ourselves and for our respective heirs,

executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

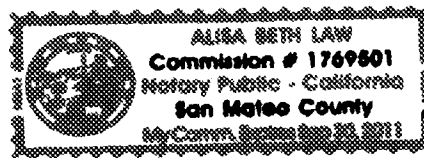
AND We hereby jointly and severally covenant for ourselves and our respective legal representatives that we have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed our right, title and interest in said invention had not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, we have hereunto set our hands.

8/24/09  
Date

Thomas R. Bousie  
Thomas R. Bousie

STATE OF California  
COUNTY OF San Mateo



On this 24 day of August, 2009 before me, a Notary Public, personally appeared Thomas R. Bousie to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Alisa Beth Law  
Notary Public

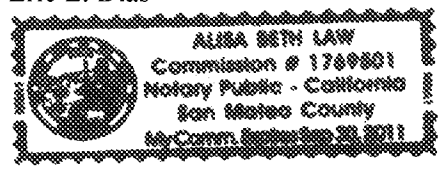
My Commission Expires: September 30, 2011

\*\*\*\*\*

8/20/09  
Date

Eric L. Dias  
Eric L. Dias

STATE OF California  
COUNTY OF San Mateo



On this 20 day of August, 2009 before me, a Notary Public, personally appeared Eric L. Dias to me known to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal and the date and year last above written.

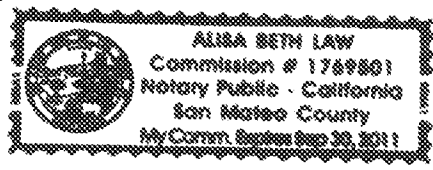
Alisa Beth Law  
Notary Public

My Commission Expires:  
\*\*\*\*\* September 30, 2011

8-20-09  
Date

Zachary M. Fresco  
Zachary M. Fresco

STATE OF California  
COUNTY OF San Mateo



On this 20 day of August, 2009 before me, a Notary Public, personally appeared Zachary M. Fresco to me known to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal and the date and year last above written.

Alisa Beth Law  
Notary Public

My Commission Expires: September 30, 2011  
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8/20/09

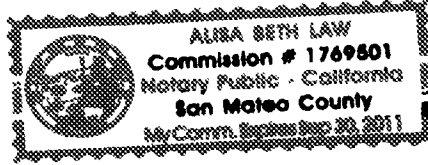
Date

*Vincent J. Murphy*

Vincent J. Murphy

STATE OF *California*

COUNTY OF *San Mateo*



On this 20 day of August, 2009 before me, a Notary Public, personally appeared Vincent J. Murphy to me known to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal and the date and year last above written.

*Alisa Beth Law*  
Notary Public

My Commission Expires: *September 30, 2011*