

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4413971

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PATRICK DAVID FITZGIBBON	11/17/2014
THOMAS ARTHUR KINDLER	11/20/2014
TODD MICHAEL MCLARTY	11/20/2014
CHARLES SEBASTIAN SANDERSON	11/17/2014
MICHAEL L SMITH	11/20/2014
RECEIVING PARTY DATA	
Name:	RENMATIX, INC.
Street Address:	660 ALLENDALE ROAD
City:	KING OF PRUSSIA
State/Country:	PENNSYLVANIA
Postal Code:	19406
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15525604
CORRESPONDENCE DATA	
Fax Number:	(678)420-9301
<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>	
Phone:	678-420-9314
Email:	uspatentmail@ballardspahr.com
Correspondent Name:	BALLARD SPAHR LLP
Address Line 1:	999 PEACHTREE STREET, SUITE 1000
Address Line 2:	ATTN: WENDY A CHOI
Address Line 4:	ATLANTA, GEORGIA 30309
ATTORNEY DOCKET NUMBER:	37447.0043U1
NAME OF SUBMITTER:	WENDY A. CHOI
SIGNATURE:	/WENDY A CHOI/
DATE SIGNED:	05/15/2017
Total Attachments: 10	

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECEMBER 12, 2014

PTAS

WENDY A. CHOI / BALLARD SPAHR LLP
999 PEACHTREE STREET
SUITE 1000
ATLANTA, GA 30309

503096839

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 12/11/2014

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BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: RMX-101WO

ASSIGNOR:

FITZGIBBON, PATRICK DAVID

DOC DATE: 11/17/2014

ASSIGNOR:

KINDLER, THOMAS ARTHUR

DOC DATE: 11/20/2014

ASSIGNOR:

MCLARTY, TODD MICHAEL

DOC DATE: 11/20/2014

ASSIGNOR:

SANDERSON, CHARLES SEBASTIAN

DOC DATE: 11/17/2014

ASSIGNOR:

SMITH, MICHAEL L.

DOC DATE: 11/20/2014

ASSIGNEE:

RENMATIX, INC.
660 ALLENDALE RD
KING OF PRUSSIA, PENNSYLVANIA 19406

APPLICATION NUMBER:	FILING DATE: 11/12/2014
PATENT NUMBER:	ISSUE DATE:
PCT NUMBER: US2014065156	
TITLE: METHOD OF COALESCING A SUBSTANCE	

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

ASSIGNMENT

WHEREAS, I/we, the undersigned inventor(s):

1. Patrick David Fitzgibbon of 5 Strand Road, Avondale, PA 19311;
2. Thomas Arthur Kindler of 5420 Thornapple Lane NW, Acworth, GA 30101;
3. Todd Michael McLarty of 3329 Littleport Ln, Acworth, Ga 30101;
4. Charles Sebastian Sanderson of 22 Oakford Road, Wayne, PA 19087; and
5. Michael L. Smith of 5279 Tallgrass Way, Kennesaw, GA 30152;

(hereinafter collectively referred to as the "ASSIGNOR"), have invented a certain new and useful innovation and improvement as set forth in the patent application entitled:

METHOD OF COALESCING A SUBSTANCE

(hereinafter referred to as the "INVENTION") for which an International Patent Application was filed at the U.S. Receiving Office of the PCT on November 12, 2014 and assigned Application No. PCT/US2014/065156; and

WHEREAS, **RENMATIX, INC.**, a corporation organized under the laws of the State of Delaware, having a principal place of business at 660 Allendale Road, King of Prussia, PA 19406, US (hereinafter referred to as the **ASSIGNEE**), is desirous of acquiring the entire right, title, and interest in, to, and under the **INVENTION** described in the patent application(s), including the entire priority right derived from the application(s), or is desirous of acquiring confirmation of **ASSIGNEE'S** present ownership of the entire right, title, and interest in, to, and under the **INVENTION** described in the patent application(s), including the entire priority right derived from the application(s), by virtue of an existing employment agreement, consulting agreement, or other agreement;

NOW, THEREFORE, for good and valuable consideration, the sufficiency and adequacy and receipt of which are hereby acknowledged, I/we, the **ASSIGNOR**:

1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to **ASSIGNEE**, the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work, or design) disclosed, embodied, shown, or claimed in the above-referenced patent application(s), implicitly or explicitly;
 - (b) the above-referenced patent application(s), the right to claim priority under the Paris Convention, Patent Cooperation Treaty, and other international treaties and

conventions to the above-referenced patent application(s), all applications based in whole or in part upon the above-referenced patent application(s), including, without limitation, all applications that are a provisional, non-provisional, regional phase application, design, divisional, continuation, continuation-in-part, registration, utility model, petty patent application, industrial design, reissue, renewal, substitute, extension that may be filed in the U.S. and/or any country or jurisdiction foreign to the U.S., the patents that may issue thereon, and the patents as may be modified as the result of applicable procedures, including, but not limited to, *ex parte* reexaminations, *inter partes* reexaminations, post-grant reviews, *inter partes* reviews, supplemental examinations, and oppositions;

- (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, *ex parte* reexaminations, *inter partes* reexaminations, post-grant reviews, *inter partes* reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and
 - (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for **ASSIGNEE**'s own use, including the same for **ASSIGNEE**'s legal representatives and assigns, as fully and entirely as the same would have been held by the **ASSIGNOR** had this assignment, transfer, and sale not been made.
2. Conveys to the **ASSIGNEE** the right to make applications in **ASSIGNEE**'s own behalf and name for protection of the invention in the U.S. and all countries or other jurisdictions foreign to the U.S.
 3. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. jurisdiction, authority, or agency to issue to the **ASSIGNEE** any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this **ASSIGNMENT**.
 4. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, without further or additional consideration, but at the **ASSIGNEE**'s expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this **ASSIGNMENT** and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
 5. Agree that the terms, covenants, and conditions of this **ASSIGNMENT** shall inure to the benefit of the **ASSIGNEE**, its successors, assigns and other legal representative, and

shall be binding upon me/us, as well as my/our heirs, successors, legal representatives, and assigns.

6. Promise and affirm that I/we have not entered, and will not enter, into any assignment, sale, agreement, contract, writing, encumbrance, or understanding that conflicts with this **ASSIGNMENT**.

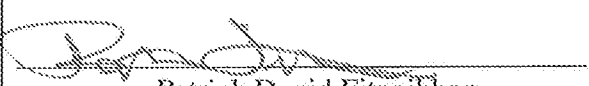
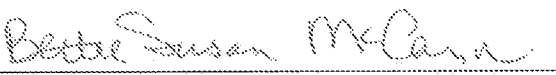
ASSIGNOR authorizes **ASSIGNEE** to correct any errors in this **ASSIGNMENT** and to insert in this **ASSIGNMENT** the number and filing date of the application(s), if the number and filing date of the application(s) are not recited herein at the time of execution of this **ASSIGNMENT** by any or all of the parties thereto, as well as any subsequent application claiming priority directly or indirectly to the above-listed application(s) under 35 U.S.C. § 119(e), including any reissues, *ex parte* reexamination, *inter partes* reexaminations, divisionals, continuations, continuations-in-part, or extensions thereof, and all rights of priority under the Paris Convention, Patent Cooperation Treaty, and other international treaties and conventions;

ASSIGNOR and **ASSIGNEE** agree that the laws of the State of Delaware in the U.S. govern this assignment; and

ASSIGNEE acknowledges and accepts this assignment, as evidenced by the signature of an officer or authorized representative of **ASSIGNEE** below.


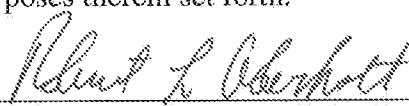
IN WITNESS WHEREOF, **ASSIGNOR** has hereunder set his/her hand on the date shown below.

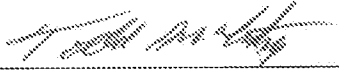
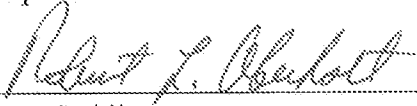
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Date: <u>11/17/2014</u>	<div style="text-align: center;">  Patrick David Fitzgibbon </div>
STATE OF <u>Pennsylvania</u>) COUNTY OF <u>Montgomery</u>) On this <u>17</u> day of <u>November</u> , 2014, before me, a Notary Public in and for the State of <u>Pennsylvania</u> , appeared <u>Patrick David Fitzgibbon</u> , who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.	
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <small>COMMONWEALTH OF PENNSYLVANIA</small> <small>NOTARIAL SEAL</small> <small>BETTIE SUSAN MCCANN</small> <small>Notary Public</small> <small>UPPER MERION TWP, MONTGOMERY CNTY</small> <small>(SEAL) Commission Expires Feb 20, 2018</small> </div>	<div style="text-align: center;">  Notary Public My Commission Expires: <u>2/20/2018</u> </div>

Date:	<div style="text-align: center;"> _____ Thomas Arthur Kindler </div>
STATE OF _____) COUNTY OF _____) On this _____ day of _____, 2014, before me, a Notary Public in and for the State of _____, appeared _____, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.	
{SEAL}	<div style="text-align: center;"> _____ Notary Public My Commission Expires: _____ </div>

Date: _____	_____ Patrick David Fitzgibbon
STATE OF _____) COUNTY OF _____) <p>On this _____ day of _____, 2014, before me, a Notary Public in and for the State of _____, appeared _____, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.</p> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div style="width: 40%;"> {SEAL} </div> <div style="width: 50%; text-align: right;"> _____ Notary Public My Commission Expires: _____ </div> </div>	

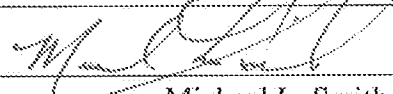
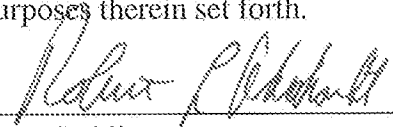
Date: <u>Nov. 20, 2014</u>	 _____ Thomas Arthur Kindler
STATE OF <u>Georgia</u>) COUNTY OF <u>Cherokee</u>) <p>On this <u>20th</u> day of <u>November</u>, 2014, before me, a Notary Public in and for the State of <u>Georgia</u>, appeared <u>Thomas Arthur Kindler</u>, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.</p> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div style="width: 40%;"> {SEAL} </div> <div style="width: 50%; text-align: right;">  _____ Notary Public My Commission Expires: <u>8/15/18</u> </div> </div> <div style="text-align: right; margin-top: 10px; font-size: small;"> ROBERT L. ADERSHOLT Notary Public, Cherokee County, Georgia My Commission Expires August 15, 2018 </div>	

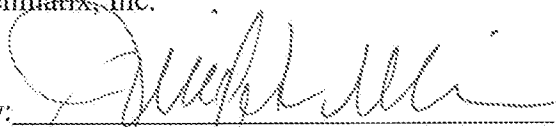
Date: <u>11-20-14</u>	 _____ Todd Michael McLarty
STATE OF <u>Georgia</u>) COUNTY OF <u>Cherokee</u>) <p>On this <u>20th</u> day of <u>November</u>, 2014, before me, a Notary Public in and for the State of <u>Georgia</u>, appeared <u>Todd Michael McLarty</u>, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.</p> <div style="text-align: right; margin-right: 100px;">  _____ Notary Public </div> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 40%;"> {SEAL} </div> <div style="width: 55%; text-align: right;"> My Commission Expires: <u>8/15/18</u> <small>ROBERT L. ADENHOLT</small> <small>Notary Public, Cherokee County, Georgia</small> <small>My Commission Expires August 15, 2018</small> </div> </div>	

Date:	_____ Charles Sebastian Sanderson
STATE OF _____) COUNTY OF _____) <p>On this _____ day of _____, 2014, before me, a Notary Public in and for the State of _____, appeared _____, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.</p> <div style="text-align: right; margin-right: 100px;"> _____ Notary Public </div> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 40%;"> {SEAL} </div> <div style="width: 55%; text-align: right;"> My Commission Expires: _____ </div> </div>	

Date: _____	<div style="border-top: 1px solid black; text-align: center; margin-top: 10px;"> Todd Michael McLarty </div>
STATE OF _____) COUNTY OF _____)	
<p>On this _____ day of _____, 2014, before me, a Notary Public in and for the State of _____, appeared _____, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.</p>	
{SEAL}	<div style="border-top: 1px solid black; text-align: center;">Notary Public</div> <div style="border-top: 1px solid black; text-align: center; margin-top: 10px;">My Commission Expires: _____</div>

Date: <u>17-Nov-14</u>	<div style="border-top: 1px solid black; text-align: center; margin-top: 10px;"> Charles Sebastian Sanderson </div>
STATE OF <u>Pennsylvania</u>) COUNTY OF <u>Montgomery</u>)	
<p>On this <u>17</u> day of <u>November</u>, 2014, before me, a Notary Public in and for the State of <u>Pennsylvania</u>, appeared <u>Charles Sebastian Sanderson</u>, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.</p>	
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL [SEAL] BETTIE SUSAN MCCANN Notary Public UPPER MERION TWP., MONTGOMERY CNTY My Commission Expires Feb 20, 2018 </div>	<div style="border-top: 1px solid black; text-align: center; margin-top: 10px;"> Bettie Susan McCann </div> <div style="border-top: 1px solid black; text-align: center; margin-top: 10px;">My Commission Expires: <u>2/20/2018</u></div>

Date: <u>11/20/14</u>	<u></u> Michael L. Smith
STATE OF <u>Georgia</u> COUNTY OF <u>Cherokee</u>	
On this <u>20th</u> day of <u>November</u> , 2014, before me, a Notary Public in and for the State of <u>Georgia</u> , appeared <u>Michael L. Smith</u> , who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.	
{SEAL}	<u></u> Notary Public
	My Commission Expires: <u>8/15/2018</u>

Assignee: Renmatix, Inc. By: <u></u> Jennifer L. Miller Chief Legal Officer
--

ROBERT L. ADERHOLT
 Notary Public, Cherokee County, Georgia
 My Commission Expires August 15, 2018