

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael LEFENFELD</td> <td>06/01/2010</td> </tr> <tr> <td>Robert RAJA</td> <td>06/01/2010</td> </tr> <tr> <td>Alexander James PATERSON</td> <td>06/01/2010</td> </tr> <tr> <td>Matthew Edward POTTER</td> <td>06/01/2010</td> </tr> </tbody> </table>		Name	Execution Date	Michael LEFENFELD	06/01/2010	Robert RAJA	06/01/2010	Alexander James PATERSON	06/01/2010	Matthew Edward POTTER	06/01/2010		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>SIGNA CHEMISTRY, INC.</td> </tr> <tr> <td>Street Address:</td> <td>530 East 76th Street</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 9E</td> </tr> <tr> <td>City:</td> <td>New York</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10021</td> </tr> </table>		Name:	SIGNA CHEMISTRY, INC.	Street Address:	530 East 76th Street	Internal Address:	Suite 9E	City:	New York	State/Country:	NEW YORK	Postal Code:	10021
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CORRESPONDENCE DATA													
<p>Fax Number: (703)776-9701 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703.776.9700 Email: info@jalindeman.com Correspondent Name: J.A. LINDEMAN & CO., PLLC Address Line 1: 3190 Fairview Park Drive Address Line 2: Suite 480 Address Line 4: Falls Church, VIRGINIA 22042</p>													
ATTORNEY DOCKET NUMBER:	021.0016-US00												
NAME OF SUBMITTER:	Joseph A. Parisi												

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PATENT
REEL: 024522 FRAME: 0230

Total Attachments: 2

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ASSIGNMENT

WHEREAS We, the below named inventors, hereinafter referred to as Assignors, have made an invention entitled:

CATALYTIC DEHYDRATION OF ALCOHOLS USING PHASE PURE SINGLE – AND MULTI-SITE HETEROGENOUS CATALYSTS

for which We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on January 22, 2010, and assigned Application No. 12/692,561; and

WHEREAS, SilGNa Chemistry, Inc. whose post office address is 530 East 76th Street, Suite 9E, New York, NY 10021 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;


NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and PCT International applications, and all Letters Patents which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

- | | (Full Name) | (Signature) |
|----|---|---------------------------|
| 1. | Date: <u>06/01/2010</u> Inventor: <u>Michael LEFENFELD</u> | <u>M Lefenfeld</u> |
| | Residence: <u>Same as Post Office Address</u> Citizen of: <u>UNITED STATES</u> | |
| | Post Office Address: <u>530 East 76th Street, Suite 9E, New York, NY 10021</u> | |
| 2. | Date: <u>01/06/2010</u> Inventor: <u>Robert RAJA</u> | <u>Robert Raja</u> |
| | Residence: <u>Same as Post Office Address</u> Citizen of: <u>UNITED KINGDOM</u> | |
| | Post Office Address: <u>28 Damson Crescent, Fair Oak, Eastleigh, Hampshire SO50, United Kingdom</u> | |
| 3. | Date: <u>01/06/2010</u> Inventor: <u>Alexander James PATERSON</u> | <u>Alexander Paterson</u> |
| | Residence: <u>Same as Post Office Address</u> Citizen of: <u>UNITED KINGDOM</u> | |
| | Post Office Address: <u>Gartlochbank, Coupar Angus, Perth, PH13 933, United Kingdom</u> | |

- (Full Name) (Signature)
4. Date: 01/06/2010 Inventor: Matthew Edward POTTER 
Residence: Same as Post Office Address Citizen of: UNITED KINGDOM
Post Office Address: 200 Broadlands Road, Southampton, SO17 3AS, United Kingdom
5. Date: _____ Inventor: _____
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