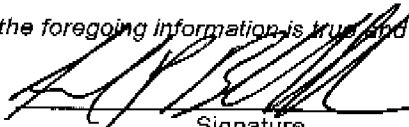


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To the honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Alfred HAGEMEYER Raymond E. CARHART Karin YACCATO Peter STRASSER Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: <u>Symyx Technologies, Inc.</u> Internal Address: _____ _____ _____ Street Address: <u>3100 Central Expressway</u> _____ _____ City: <u>Santa Clara</u> State: <u>CA</u> Zip: <u>95051</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>03/01/04, 03/08/04, 03/02/04, 03/05/04, 03/17/04, respectively</u>					
4. Application number(s) or patent number(s): <u>10/739,989</u> If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Samuel P. Burkholder</u> <u>KILYK & BOWERSOX, P.L.L.C.</u> Internal Address: _____ _____ Street Address: <u>3603-E Chain Bridge Road</u> _____ City: <u>Fairfax</u> State: <u>Virginia</u> Zip: <u>22030</u>			6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41): <u>\$40.00</u> <input checked="" type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. <input checked="" type="checkbox"/> Authorized to be charged to deposit account any deficiencies in the above fee 8. Deposit account number: <u>50-0925</u> (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE					
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <u>Samuel P. Burkholder (Reg. No. 40,541)</u>  <u>April 23, 2004</u> Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: <u>4</u>					

Mail documents to be recorded with required cover sheet information to:
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April D. Brandon
Name (Print)


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Page 1 of 3

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**PLATINUM AND RHODIUM AND/OR IRON CONTAINING CATALYST FORMULATIONS
FOR HYDROGEN GENERATION**

for which I/WE filed an application for United States Letters Patent on December 18, 2003 as United States Patent Application No. 10/739,989; and

WHEREAS Symyx Technologies, Inc., a corporation of Delaware, whose post office address is 3100 Central Expressway, Santa Clara, CA 95051 (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 of United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for and in valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, MY/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 such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/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 of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

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

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to ME/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, I/WE have hereunto set our hand(s).

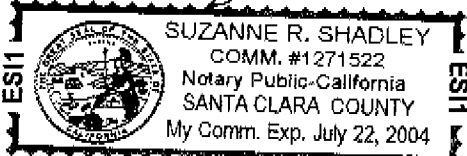
County of Santa Clara

State of California

SS.

Subscribed and sworn to before me
this 1st day of March, 2004.

Suzanne R. Shadley Notary Public



Alfred HAGEMEYER

Full Name of Sole or First Assignor

655 Fair Oaks Avenue, Apt. J-302, Sunnyvale, CA 94086

Address

Alfred Hagemeyer

First Assignor's Signature

03/01/04

Date

Names of additional inventors attached ☒ Yes ☐ No

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Page 2 of 3

County of Santa Clara
State of California

E. REC 3/8/04
Raymond F. CARHART
Full Name Second Assignor

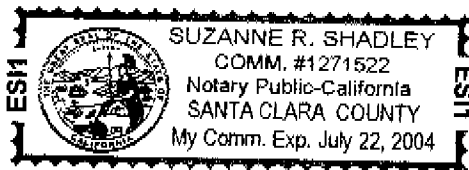
10954 Northscaal Square, Cupertino, CA 95014
Address

Raymond F. Carhart
Second Assignor's Signature

3/8/04
Date

Subscribed and sworn to before me
this 8th day of Mar., 2004.

Eugene R. Shadley Notary Public



County of Santa Clara
State of California

Karin YACCATO

Full Name Third Assignor

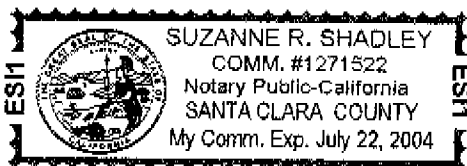
1124 Washington St., Apt. 6, Santa Clara, CA 95050
Address

Karin Yuccato
Third Assignor's Signature

03/02/04
Date

Subscribed and sworn to before me
this 2nd day of March, 2004.

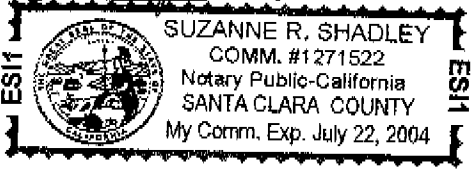
Eugene R. Shadley Notary Public



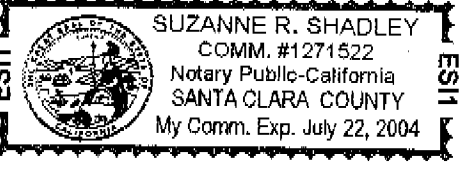
Names of additional inventors attached ☒ Yes ☐ No

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County of <u>Santa Clara</u>	<u>Peter STRASSER</u>
State of <u>California</u>	Full Name Fourth Assignor
	<u>551 Mariposa Avenue, Apt. 7, Mountain View, CA 94041</u>
	Address
Subscribed and sworn to before me this <u>5th</u> day of <u>March</u> , 2004.	<u>P. Strasser</u>
<u>Suzanne R. Shadley</u> Notary Public	Fourth Assignor's Signature
	<u>03/05/04</u>
	Date



County of <u>Santa Clara</u>	<u>Robert K. GRASELLI</u>
State of <u>California</u>	Full Name Fifth Assignor
	<u>12 Black Rock Road, Chadds Ford, PA 19317</u>
	Address
Subscribed and sworn to before me this <u>17th</u> day of <u>March</u> , 2004.	<u>Robert K. Grasselli</u>
<u>Suzanne R. Shadley</u> Notary Public	Fifth Assignor's Signature
	<u>03/17/04</u>
	Date



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 RE: **U.S. Patent Application No. 10/739,989**
Filed: December 18, 2003
Confirmation No.: 4373
Attorney Docket No.: 7080-005-01
 FROM: Leonard D. Bowersox 
 FAC. NO.: (703) 306-5995
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