

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Peter STRASSER</td> <td>11/11/2008</td> </tr> <tr> <td>Shirlaine KOH</td> <td>11/13/2008</td> </tr> <tr> <td>Prasanna MANI</td> <td>11/19/2008</td> </tr> <tr> <td>Srivastava RATNDEEP</td> <td>11/12/2008</td> </tr> </tbody> </table>		Name	Execution Date	Peter STRASSER	11/11/2008	Shirlaine KOH	11/13/2008	Prasanna MANI	11/19/2008	Srivastava RATNDEEP	11/12/2008
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>UNIVERSITY OF HOUSTON SYSTEM</td> </tr> <tr> <td>Street Address:</td> <td>316 E. Cullen Building</td> </tr> <tr> <td>City:</td> <td>Houston</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77204-2015</td> </tr> </table>		Name:	UNIVERSITY OF HOUSTON SYSTEM	Street Address:	316 E. Cullen Building	City:	Houston	State/Country:	TEXAS	Postal Code:	77204-2015
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PROPERTY NUMBERS Total: 1											
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Application Number:	12206587										
CORRESPONDENCE DATA											
<p>Fax Number: (713)238-8008</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 713-238-8000</p> <p>Email: twestby@conleyrose.com</p> <p>Correspondent Name: Timothy S. Westby</p> <p>Address Line 1: CONLEY ROSE, P.C.</p> <p>Address Line 2: P. O. Box 3267</p> <p>Address Line 4: Houston, TEXAS 77253-3267</p>											
ATTORNEY DOCKET NUMBER:	2483-00701										
NAME OF SUBMITTER:	Timothy S. Westby										

CH \$40.00 12206587

500858127

PATENT
REEL: 022673 FRAME: 0690

Total Attachments: 6

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ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to us by the **UNIVERSITY OF HOUSTON SYSTEM**, and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, **Peter STRASSER, Shirlaine KOH, Prasanna MANI and Srivastava RATNDEEP** ("ASSIGNORS"), having made an invention in **De-Alloyed Platinum Nanoparticles** while in the employ either as an employee or consultant of the **UNIVERSITY OF HOUSTON SYSTEM**, a university/corporation organized and existing under the laws of the State of Texas, doing business at 316 E. Cullen Building, Houston, Texas 77204-2015 (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said **UNIVERSITY OF HOUSTON SYSTEM**, its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in **De-Alloyed Platinum Nanoparticles**;
2. United States of America Patent Application on said invention, filed as U.S. Patent Application No. 12/206,587 on September 8, 2008, entitled **De-Alloyed Platinum Nanoparticles**;
3. United States of America Provisional Patent Application on said invention, Application No. 60/970,851 filed September 7, 2007, entitled **Lattice Strained Core-Shell Pt Nanoparticle Catalysts**;
4. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;
5. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
6. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
7. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;

8. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
9. All international rights of priority associated with said invention, applications, patents and like protection;

and we covenant that we, our heirs, legal representatives, assigns, administrators, and executors will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED on the place and on the date indicated below, opposite our signatures.

11th November, 2008
Date
Place: Berlin

ASSIGNOR

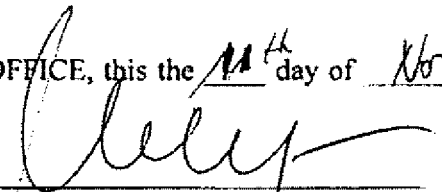

Peter STRASSER

Berlin
THE STATE OF TEXAS §
COUNTY OF Berlin §

BEFORE ME, the undersigned authority, on this day personally appeared Peter STRASSER, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 11th day of Nov., 2008.



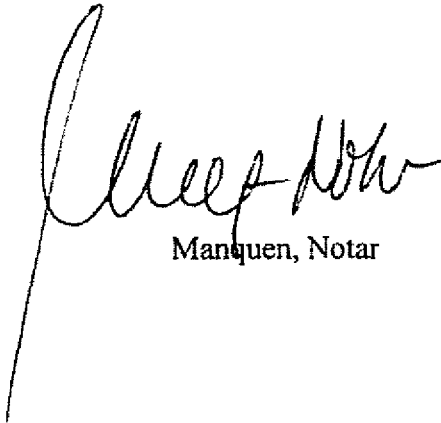

Notary Public in and for
the State of TEXAS

My Commission Expires: Does not expire

URKUNDENROLLE-NR: 400/2008

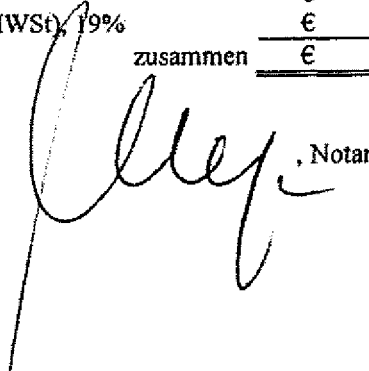
I the undersigned, Timothy D. Manquen, notary according to German law (Notar), duly commissioned and qualified, do hereby certify that on this day 21 November 2008 before me personally appeared Klaus-Peter Strasser, born on 18.04.1969, in Heilbronn, Germany, residing at Ansbacher Str. 41, 10777 Berlin, proving his identity with his German Identity Card (Bundespersonalausweis) issued on 27.03.2000 by the Berlin city authorities (Landeseinwohneramt Berlin), and who signed and executed annexed instrument freely and voluntarily for the uses and purposes therein mentioned.

In witness whereof I have hereunto set my hand and my official Seal in Berlin, Germany, on this 21 November 2008. My commission does not expire according to German law.



Manquen, Notar

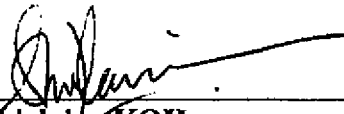
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Geschäftswert: 1.000,00 €		
Gebühr §§ 32, 45 (¼)	€	10,00
Schreibauslagen §§ 136, 152	€	0,50
Postgeb. u. Auslagen §§ 137, 152	€	0,00
	€	10,50
Umsatzsteuer (MWSt), 19%	€	1,99
zusammen	€	12,49



, Notar

ASSIGNOR

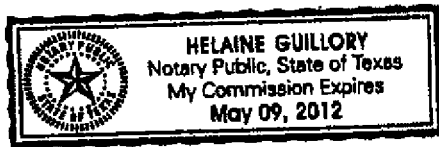
Date 11/13/08, 2008
Place: Harris, Houston

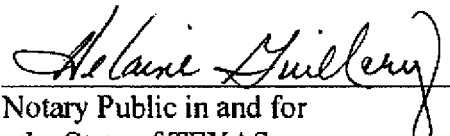

Shirlaine KOH

THE STATE OF TEXAS §
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared **Shirlaine KOH**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that she executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 13th day of November, 2008.




Notary Public in and for
the State of TEXAS

My Commission Expires:
May 09, 2012

ASSIGNOR

11.19, 2008
Date

Prasanna MANI
Prasanna MANI

Place: Starting Heights, MI

Michigan
THE STATE OF TEXAS §

COUNTY OF Macomb §

BEFORE ME, the undersigned authority, on this day personally appeared **Prasanna MANI**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 19 day of November, 2008.

Diane M Lemanski
Notary Public in and for
the State of ~~TEXAS~~ Michigan

My Commission Expires:
10-11-2013

DIANE M LEMANSKI
NOTARY PUBLIC - MICHIGAN
MACOMB COUNTY
ACTING IN THE COUNTY OF Macomb
MY COMMISSION EXPIRES 10-11-2013

ASSIGNOR

[Signature]

Srivastava RATNDEEP

11.12.08, 2008

Date

Place:

Harris County

THE STATE OF TEXAS §

COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared **Srivastava RATNDEE**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 12 day of Nov., 2008.



[Signature]
Notary Public in and for
the State of TEXAS

My Commission Expires:
May 09, 2012