

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Rajesh Bhaskar Biniwale</td> <td>09/03/2013</td> </tr> <tr> <td>Jayshri Vijay Pande</td> <td>09/03/2013</td> </tr> <tr> <td>Anshu Ajit Shukla</td> <td>09/03/2013</td> </tr> </tbody> </table>		Name	Execution Date	Rajesh Bhaskar Biniwale	09/03/2013	Jayshri Vijay Pande	09/03/2013	Anshu Ajit Shukla	09/03/2013		
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<table border="1"> <tr> <td>Name:</td> <td>Council of Scientific &amp; Industrial Research</td> </tr> <tr> <td>Street Address:</td> <td>Anusandhan Bhawan</td> </tr> <tr> <td>Internal Address:</td> <td>2 Rafi Marg</td> </tr> <tr> <td>City:</td> <td>New Delhi 110001</td> </tr> <tr> <td>State/Country:</td> <td>INDIA</td> </tr> </table>		Name:	Council of Scientific & Industrial Research	Street Address:	Anusandhan Bhawan	Internal Address:	2 Rafi Marg	City:	New Delhi 110001	State/Country:	INDIA
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CORRESPONDENCE DATA											
Fax Number: 2033271096 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 2033246155 Email: abryce@ssjr.com Correspondent Name: Fritz L. Schweitzer III Address Line 1: 986 Bedford Street Address Line 4: Stamford, CONNECTICUT 06905											
ATTORNEY DOCKET NUMBER:	05786-P0014A										
NAME OF SUBMITTER:	Fritz L. Schweitzer III										
Signature:	/Fritz L. Schweitzer III/										
Date:	09/04/2013										

OP \$40.00 13750722

Total Attachments: 4

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**PATENT**

**REEL: 031133 FRAME: 0560**

Assignment

WHEREAS, We, the undersigned inventors, have made certain inventions or discoveries (or both) as set forth in an application for Letters Patent of the United States of America, entitled **Process For The Storage Delivery Of Hydrogen Using Catalyst**, bearing U.S. Patent Application No. 13/750,722 and filed on January 25, 2013;

WHEREAS, Council of Scientific & Industrial Research, a corporation organized and existing under the laws of India, and having an office and place of business at Anusandhan Bhawan; 2 Rafi Marg; New Delhi 110001, India, and, together with its successors and assigns is hereinafter called "Assignee", and is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

NOW THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in any and all countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patents to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application

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documents, including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns, which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN WITNESS WHEREOF, we, Rajesh Bhaskar Biniwale, Vijay Jayshri Pande, and Anshu Ajit Shukla, have hereunto set our hands and affixed our seals.

03/9/2013  
Date

R Biniwale  
Rajesh Bhaskar Biniwale  
National Environmental Engineering  
Research Institute  
Nagpur, India

Declaration of Witness

I declare that I was personally present and did see Rajesh Bhaskar Biniwale, who is personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at Nagpur, on 03/9/2013.

S.S. Waghmare  
Signature of Witness

S.S. WAGHMARE  
Name of Witness

PATENT

REEL: 031133 FRAME: 0562

3/09/2013  
Date

Jayshri  
Jayshri Vijay Pande  
National Environmental Engineering  
Research Institute  
Nagpur, India

Declaration of Witness

I declare that I was personally present and did see Jayshri Vijay Pande, who is personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at Palampur, on 03/09/2013

Y. Pakade  
Signature of Witness

Dr. Yogesh B. Pakade  
Name of Witness

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03/9/2012  
Date

Anshu  
Anshu Ajit Shukla  
National Environmental Engineering  
Research Institute  
Nagpur, India

Declaration of Witness

I declare that I was personally present and did see Anshu Ajit Shukla, who is personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at Nagpur on 03/9/2012

Biniwale  
Signature of Witness

Rajesh B. Biniwale  
Name of Witness

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RECORDED: 09/04/2013

REEL: 031133 FRAME: 0564