

## PATENT ASSIGNMENT

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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>David Stanislav A. Simakov</td> <td>02/07/2011</td> </tr> <tr> <td>Moshe Sheintuch</td> <td>02/07/2011</td> </tr> </tbody> </table>		Name	Execution Date	David Stanislav A. Simakov	02/07/2011	Moshe Sheintuch	02/07/2011
Name	Execution Date						
David Stanislav A. Simakov	02/07/2011						
Moshe Sheintuch	02/07/2011						
RECEIVING PARTY DATA							
Name:	TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD.						
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City:	Haifa						
State/Country:	ISRAEL						
Postal Code:	32000						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13387841</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13387841		
Property Type	Number						
Application Number:	13387841						
CORRESPONDENCE DATA							
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Total Attachments: 1 source=Assignment#page1.tif							

OP \$40.00 13387841

**ASSIGNMENT**

WHEREAS, We

1) David Stanislav A. Simakov, an Israeli citizen residing at 8/22 Arbel Street, Nazareth Illit 17622, Israel; and

2) Moshe Sheintuch, an Israeli citizen residing at 13 Finland Street, Haifa 34989, Israel;

hereinafter referred to as Assignors, have made an invention entitled

**HYDROGEN PRODUCTION BY AN AUTOTHERMAL HEAT EXCHANGER PACKED-BED MEMBRANE GAS REFORMER**

For which U.S. Provisional Patent Application No. 61/294,527 was filed on January 13, 2010; U.S. Provisional Patent Application No. 61/230,765 was filed on August 3, 2009; and International Patent Application No. PCT/IL2010/000625 was filed on August 2, 2010; and

WHEREAS, Technion Research & Development Foundation Ltd., an Israeli company of Senate House, Technion City, Haifa 32000, Israel, hereinafter referred to as Assignee, is desirous of acquiring all right, title and interest in and to said invention and the aforementioned patent application and any patent that may be granted therefor.

NOW, THEREFORE, in consideration of One New Israeli Shekel (NS 1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, We, as Assignors, hereby sell, assign and set over to said Assignee the entire right, title and interest for Israel and all other countries of the world in and to said invention and the aforesaid patent application, and all original, divisional or other applications and patents applied for or granted therefor in Israel and in any other country, including an international patent application which will be filed under the PCT and all national/regional phase applications derived from said international application, including all US national derivatives, and all patents which may be granted thereon, and the undersigned for ourselves and our legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all documents required for transferring said patents/applications to said Assignee or its assigns, to communicate to said Assignee or its representatives all facts known to the undersigned with respect to said patents/applications, whenever requested, to testify in any legal proceedings in which the said patents or patent applications may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid said Assignee, its successors, assigns and nominees to register the assignment of the said Patent(s) or Patent Application(s), the expenses incident to said application to be borne and paid by said assignee. This Deed of Assignment does not detract from any other assignment previously made in respect of the same matters, if any.

We further confirm that said assignment has from at least, August 2, 2010, been of full force and effect in relation to Canada.

07.02.2011 \_\_\_\_\_  
Date David Stanislav A. Simakov Witness (Yael Zilberman) + witness signature

07.02.2011 \_\_\_\_\_  
Date Moshe Sheintuch Witness (Olga Nekhamkina) + witness signature

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**PATENT**