

## 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>MR LEONID A BENDERSKY</td> <td>10/05/2012</td> </tr> <tr> <td>MR EDWIN J HEILWEIL</td> <td>10/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	MR LEONID A BENDERSKY	10/05/2012	MR EDWIN J HEILWEIL	10/10/2012
Name	Execution Date						
MR LEONID A BENDERSKY	10/05/2012						
MR EDWIN J HEILWEIL	10/10/2012						
RECEIVING PARTY DATA							
Name:	GOVERNMENT OF THE UNITED STATES OF COMMERCE, THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY						
Street Address:	100 BUREAU DRIVE						
Internal Address:	MS 2200						
City:	GAITHERSBURG						
State/Country:	MARYLAND						
Postal Code:	20899-2200						
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>13623088</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13623088		
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Application Number:	13623088						
CORRESPONDENCE DATA							
Fax Number:	3019753482						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	301-975-3084						
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ATTORNEY DOCKET NUMBER:	11-022						
NAME OF SUBMITTER:	Brenda L. Thomasson						
Total Attachments: 2 source=Signed Assignment#page1.tif source=Signed Assignment#page2.tif							

CH \$40.00 13623088

**ASSIGNMENT OF PATENT RIGHTS**

We, LEONID A. BENDERSKY residing in GAITHERSBURG, MARYLAND, and EDWIN J. HEILWEIL residing in POTOMAC, MARYLAND, invented "TWO-COMPONENT STRUCTURES PROVIDING FAST LOW-TEMPERATURE CHARGING OF MG WITH HYDROGEN" and have filed an application for United States Letters Patent, Serial Number 13/623,088 on September 19, 2012.

The invention was made while we were employees of the United States Department of Commerce and under such circumstances that applicable laws and regulations render the patent rights assignable to the United States. The United States of America, represented by the Secretary of Commerce, wishes to acquire these rights.

Therefore, we assign to the United States of America, as represented by the Secretary of Commerce, our full and exclusive rights within the United States to this invention. As consideration for this Assignment, we will be treated as inventors whose rights are assigned to the United States, for royalty sharing purposes, if royalties are ever collected, as explained in Section 3710c of Title 15 of the United States Code. This invention and its derivative applications in the United States Patent and Trademark Office and United States Letters Patent are to be held by the United States of America for the full term for which such Letters Patent may be granted as completely as they would have been held by us had we not made this assignment.

We agree to make, execute, and deliver to the Secretary of Commerce all documents in such usual or other forms, terms, or contents as may be required by the Secretary for the prosecution of all applications arising from this invention, as well as after issuance of Letters Patent, and for the settlement of any interference or other action or proceeding, these applications and Letters Patent may encounter. We will aid the United States of America in every way to protect the invention as requested by the Secretary, except that any expenses arising through such assistance will be borne, through proper arrangement, by the United States of America.

We warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements, oral, written, or implied, that will impair the interests conveyed in this assignment at the time we execute this instrument.

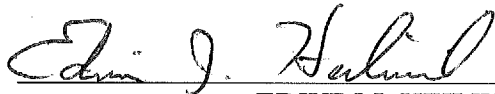
IN TESTIMONY WHEREOF, we sign



LEONID A. BENDERSKY

10.05.12

DATE



EDWIN J. HEILWEIL

10/10/12

DATE