

## 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>Yeo-II Yoon</td> <td>07/03/2012</td> </tr> <tr> <td>Sung-Chan Nam</td> <td>07/04/2012</td> </tr> <tr> <td>Young-Eun Kim</td> <td>07/04/2012</td> </tr> <tr> <td>Il-Hyun Baek</td> <td>07/04/2012</td> </tr> <tr> <td>Sang-Do Park</td> <td>07/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yeo-II Yoon	07/03/2012	Sung-Chan Nam	07/04/2012	Young-Eun Kim	07/04/2012	Il-Hyun Baek	07/04/2012	Sang-Do Park	07/04/2012
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<table border="1"> <tr> <td>Name:</td> <td>KOREA INSTITUTE OF ENERGY RESEARCH</td> </tr> <tr> <td>Street Address:</td> <td>71-2, Jang-dong, Yuseong-gu</td> </tr> <tr> <td>City:</td> <td>Daejeon</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>302-804</td> </tr> </table>		Name:	KOREA INSTITUTE OF ENERGY RESEARCH	Street Address:	71-2, Jang-dong, Yuseong-gu	City:	Daejeon	State/Country:	KOREA, REPUBLIC OF	Postal Code:	302-804		
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Application Number:	13519514												
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Total Attachments: 2 source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif													

CH \$40.00 13519514

**ASSIGNMENT**

WHEREAS, the undersigned inventor(s) (referred to, collectively, if more than one, as "Assignor") have made an invention entitled Alkali-Carbonate-Based Carbon Dioxide Absorbent Containing Added Sterically Hindered Cyclic Amines, And Method For Removing Carbon Dioxide Removing Using Same for which an application for United States Letters Patent was filed on June 27, 2012 as Application Serial No. 13/519,514, which is the U.S. national stage application corresponding to PCT Patent Application No. PCT/KR2009/007893, filed December 29, 2009 and

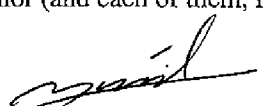
WHEREAS, **KOREA INSTITUTE OF ENERGY RESEARCH**, a Korean Institute ("Assignee") having a place of business at **71-2, Jang-dong, Yuseong-gu, Daejeon 302-804 Republic of Korea**, desires to acquire all right, title and interest in and to the above identified invention and application;

NOW, THEREFORE, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby sell, assign, convey and transfer unto Assignee all right, title and interest in and to the above identified invention and application, together with all corresponding international and foreign applications and patents which may be filed thereon, including the right to claim priority from the above identified United States application; and Assignor hereby agrees that Assignor will sign all lawful papers, including, without limitation, all divisional, continuation, renewal, extension and reissue applications, and make all rightful oaths in execution thereof, and will generally do everything possible to aid Assignee, its successors, assigns and nominees to obtain and enforce proper protection for the invention in all countries, this obligation to be binding upon Assignor (each and severally, if more than one) and upon Assignor's personal representative or other legal successor.

IN TESTIMONY WHEREOF, the undersigned Assignor (and each of them, if more than one) has signed below.

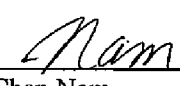
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