

## 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>Sang-II PARK</td> <td>12/28/2012</td> </tr> <tr> <td>Kyoung-Bin CHOI</td> <td>12/31/2012</td> </tr> <tr> <td>Chang-Bok KO</td> <td>12/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	Sang-II PARK	12/28/2012	Kyoung-Bin CHOI	12/31/2012	Chang-Bok KO	12/31/2012
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Sang-II PARK	12/28/2012								
Kyoung-Bin CHOI	12/31/2012								
Chang-Bok KO	12/31/2012								
RECEIVING PARTY DATA									
Name:	KOREA INSTITUTE OF ENERGY RESEARCH								
Street Address:	71-2, Jang-dong, Yuseong-gu								
City:	Daejeon								
State/Country:	KOREA, REPUBLIC OF								
Postal Code:	305-343								
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>13733968</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13733968				
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Application Number:	13733968								
CORRESPONDENCE DATA									
Fax Number:	2024080924								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	NMP-153								
NAME OF SUBMITTER:	Robert H. Berdo, Jr.								
This document serves as an Oath/Declaration (37 CFR 1.63).									
Total Attachments: 2 source=NMP-153-Combined-Dec-Asgn#page1.tif source=NMP-153-Combined-Dec-Asgn#page2.tif									

OP \$40.00 13733968

**ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT**

WHEREAS **Sang-Il PARK**, whose post address is #202-305, Gyeongnam honorsville, Yongsan-dong, Yuseong-gu, Daejeon, 305-500, Republic of Korea; **Kyoung-Bin CHOI**, whose post address is # 506-1001, Yeolmae 5 Danji, Jijok-dong, Yuseong-gu, Daejeon, 305-770, Republic of Korea; and **Chang-Bok KO**, whose post address is #131-1304, Hanbit Apt., 99, Eoeun-dong, Yuseong-gu, Daejeon, 305-755, Republic of Korea; hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to

**FLUIDIZED BED HEAT EXCHANGE APPARATUS FOR RECOVERING HEAT OF FLUE GAS FOR PRODUCING HIGH TEMPERATURE WATER**

said application being attached hereto;

said application having been filed in the United States Patent and Trademark Office on

\_\_\_\_\_ as Application Serial No. \_\_\_\_\_, and was amended on \_\_\_\_\_ (if applicable);

the specification of which was filed under the Patent Cooperation Treaty on \_\_\_\_\_, Serial No. \_\_\_\_\_, the United States of America being designated.

AND WHEREAS **KOREA INSTITUTE OF ENERGY RESEARCH** of Daejeon Republic of Korea, an entity organized and existing under the laws of Republic of Korea whose post-office address is #71-2, Jang-dong, Yuseong-gu, Daejeon, 305-343, Republic of Korea, hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.


AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Address all correspondence and telephone calls to Rabin & Berdo, P.C., 1101 14<sup>th</sup> Street, N.W., Suite 500, Washington, D.C. 20005, Telephone: (202) 371-8976; Fax: (202) 408-0924, Customer No. 23995.

WITNESS:

Signature: 

Name: Young-Gyoo CHOI

Address: B-812, Woolim lion's valley, 371-28,

Gasam-dong, Geumcheon-gu, Seoul, Korea

ASSIGNOR (SOLE OR FIRST INVENTOR):

Signature: 

Legal Name: Sang-Il PARK

Date: Dec. 28, 2012

WITNESS:

Signature: 

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ASSIGNOR (SOLE OR SECOND INVENTOR):

Signature: 

Legal Name: Kyoung-Bin CHOI

Date: Dec. 31, 2012

WITNESS:

Signature: 

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ASSIGNOR (SOLE OR THIRD INVENTOR):

Signature: 

Legal Name: Chang-Bok KO

Date: Dec. 31, 2012

RABIN & BERDO, P.C., Washington, D.C.