

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KI Won Jun	01/17/2011
Seung-Chan Baek	01/17/2011
Jong Wook Bae	01/17/2011
Keh-Sik Min	01/14/2011
Seok-Lyong Song	01/14/2011
Tae-Young Oh	01/14/2011

RECEIVING PARTY DATA

Name:	HYUNDAI HEAVY INDUSTRIES CO., LTD.
Street Address:	1, Jeonha-dong
Internal Address:	Dong-gu
City:	Ulsan
State/Country:	REPUBLIC OF KOREA
Postal Code:	682-792

Name:	KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY
Street Address:	100, Jamg-dong
Internal Address:	Yuseong-gu
City:	Daejeon
State/Country:	REPUBLIC OF KOREA
Postal Code:	305-343

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13055853

CORRESPONDENCE DATA

Fax Number: (202)420-2201

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PATENT  
REEL: 025694 FRAME: 0026

OP \$40.00 13055853

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ATTORNEY DOCKET NUMBER:

K5675.0120/P120

NAME OF SUBMITTER:

Anthony Howard-Agu

Total Attachments: 9

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## **ASSIGNMENT BY INVENTORS**

**THIS ASSIGNMENT**, made by Ki Won Jun; Seung-Chan Back; Jong Wook Bae; Keh-Sik Min; Seok-Lyong Song; and Tae-Young Oh(hereinafter referred to as Assignors), residing at #305-1602, Expo Apt., Jeonmin-dong, Yuseong-gu, Daejeon, REPUBLIC OF KOREA 305-761; #202, KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY Changjogoan, 19, Sinseong-dong, Yuseong-gu, Daejeon, REPUBLIC OF KOREA 305-345; #207, KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY New Dormitory, Sinseong-dong, Yuseong-gu, Daejeon, REPUBLIC OF KOREA 305-345; #11-1303, Hyundai Apt., Apgujeong 1-dong, Gangnam-gu, Seoul, REPUBLIC OF KOREA 135-787; #3-2, Hyundai Heavy Industries Mipo Apt., 257, Seobu-dong, Dong-gu, Ulsan, REPUBLIC OF KOREA 682-807; and #108-506, Cheonggu Apt. Seongan-dong, Jung-gu, Ulsan, REPUBLIC OF KOREA 681-760, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in CATALYST FOR PREPARING SYNTHESIS GAS FROM NATURAL GAS AND CARBON DIOXIDE, AND PREPARATION METHOD THEREOF. set forth in a Patent application for Letters Patent of the United States, filed herewith; and

**WHEREAS**, HYUNDAI HEAVY INDUSTRIES CO., LTD. and KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY, a corporation organized under and pursuant to the laws of Korea having their principal places of business at 1, Jeonha-dong, Dong-gu, Ulsan 682-792, Republic of Korea and 100, Jang-dong, Yuseong-gu, Daejeon 305-343, Republic of Korea respectively (hereinafter referred to as Assignees), are desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignees, their successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said

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application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property including all rights of priority, the same to be held and enjoyed by Assignees, for their own use and benefit and the use and benefit of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignees, their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignees under law or that have already been transferred to Assignees, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignees, their successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignees, their successors, legal representatives and assigns, whenever counsel of Assignees, or counsel of their successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignees, as Assignees of said inventions and the

Letters Patent to be issued thereon, for the sole use and benefit of Assignees, their successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

DICKSTEIN SHAPIRO LLP

All practitioners at Customer Number 24998

AND Assignors acknowledge an obligation of assignment of this invention to Assignees at the time the invention was made.

January 19, 2011

Date

Ki Won Jun

Ki Won Jun

Witness:

January 19, 2011

Date

Park

Witness:

Jan. 19. 2011

Date

Li

January 17. 2011  
Date

백승찬  
Seung-Chan Baek

Witness:

January 18. 2011  
Date

Park

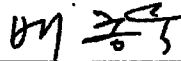
Witness:

Jan 19. 2011  
Date

Kim

January 19, 2011

Date

by 

Jong Wook Bae

Witness:

January 19, 2011

Date

Park

Witness:

Jan. 19, 2011

Date





Date \_\_\_\_\_

Keh-Sik Min

Date January 18, 2011

Date \_\_\_\_\_

Park

Jan 19. 2011

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Date

Date \_\_\_\_\_

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Jan. 14. 2011  
Date

S. L. SONG  
Seok-Lyong Song

Witness:

January 19. 20  
Date

Park

Witness:

Jan. 19. 2011  
Date

hi

Jan. 14. 2011  
Date

T. Y. Oh  
Tae-Young Oh

Witness:

January 18, 2011  
Date

Park

Witness:

Jan. 19, 2011  
Date

in