

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
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Street Address:	146-12, Susong-dong, Jongno-gu,
City:	Seoul
State/Country:	REPUBLIC OF KOREA
Postal Code:	110-140

Name:	Doosan Mecatec Co., Ltd.
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City:	Gyeonggi-do
State/Country:	REPUBLIC OF KOREA

CH \$40.00 12919919

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**PATENT  
 REEL: 024899 FRAME: 0768**

Postal Code:	431-711
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Name:	Hyundai Engineering Co., Ltd.
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12919919

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NAME OF SUBMITTER:	Ronald R. Santucci
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Total Attachments: 2  
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## ASSIGNMENT

FOR valuable consideration, the receipt and sufficiency of which is hereby acknowledged, WE,

WOO, Kwang Jae, JUN, Ki-won, KANG, Suk-Hwan, KIM, Seung Moon,  
BAE, Jong-Wook

being joint inventors of certain improvements in

**METHOD AND APPARATUS FOR THE CONTINUOUS SEPARATION AND DISCHARGE OF  
SOLID CATALYSTS AND PRODUCTS FOR FISCHER-TROPSCH SYNTHESIS REACTIONS**

hereby assign unto

KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY, a corporation existing under the laws of the Republic of Korea and having a place of business at 100, Jang-dong, Yuseong-gu, Daejeon 305-343, Republic of Korea and

DAELIM INDUSTRIAL CO., LTD., a corporation existing under the laws of the Republic of Korea and having a place of business at 146-12, Susong-dong, Jongno-gu, Seoul 110-140, Republic of Korea and

DOOSAN MECATEC CO., LTD., a corporation existing under the laws of the Republic of Korea and having a place of business at 64, Sinchon-dong, Changwon-si, Gyeongsangnam-do 641-370, Republic of Korea and

KOREA NATIONAL OIL CORPORATION, a corporation existing under the laws of the Republic of Korea and having a place of business at 1588-14 Gwanyang-dong, Dongan-gu, Anyang-si, Gyeonggi-do 431-711, Republic of Korea and

HYUNDAI ENGINEERING CO., LTD., a corporation existing under the laws of the Republic of Korea and having a place of business at HYUNDAI 41 Tower, Mok 1-dong, Yangcheon-gu, Seoul 158-051, Republic of Korea and

SK ENERGY CO., LTD., a corporation existing under the laws of the Republic of Korea and having a place of business at 90, Seorin-dong, Jongno-gu, Seoul 110-110, Republic of Korea and,

the entire right, title and interest in and to such invention, together with the patent rights and rights of protection to the same throughout the world, including any patent rights which may result from the application for United States Letters Patent based upon KR 10-2008-0018679 (U.S. Serial No. ) which designates the United States and preparatory to obtaining Letters Patent of the United States therefor and in and to any and all divisions, reissues, continuations and extensions thereof and in and to any Letters Patent that may be granted thereon; said invention, application and Letters Patent to be held and enjoyed by

the said assignee for its own use and behoof and for the use and behoof of its successors and assigns, to the full end of the term from which said Letters Patent or other rights of protection may be granted, as fully and as entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

AND WE COVENANT, AGREE AND WARRANT that WE have a full and unencumbered title to the invention hereby assigned, and WE further covenant and agree that WE will, at any time upon request, without further compensation, execute and deliver any and all papers or instruments that in the opinion of the assignee may be necessary or desirable to secure said assignee the full enjoyment of the rights and properties herein conveyed or intended to be conveyed.

IN WITNESS WHEREOF, WE have hereto set our hand and seal this 18th day of August, 2010.

Woo Kwang Jae

WOO, Kwang Dae

강 수환

KANG, Suk-Hwan

이영준

BAE, Jong-Wook

KIM, Young Jin

Witness

Uwon Jun

JUN, Ki-won

김 승문

KIM, Seung Moon

Ein hee, KIM

Witness