

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the Second named assignee's name and address; and the address of the fifth named inventor. previously recorded on Reel 024716 Frame 0274. Assignor(s) hereby confirms the Assignment from inventors: Inchul Hwang, Nak Hyun Kwon, Jae Seung Lee, Joon Taik Park and Sang-II Choi.

**CONVEYING PARTY DATA**

Name	Execution Date
Inchul Hwang	11/24/2010
Nak Hyun Kwon	11/29/2010
Jae Seung Lee	11/24/2010
Joon Taik Park	11/22/2010
Sang-II Choi	11/22/2010

**RECEIVING PARTY DATA**

<b>Name:</b>	Hyundai Motor Company
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<b>City:</b>	Seoul
<b>State/Country:</b>	REPUBLIC OF KOREA

<b>Name:</b>	Korea Advanced Institute of Science and Technology
<b>Street Address:</b>	373-1, Guseong-dong, Yuseong-gu
<b>City:</b>	Daejeon
<b>State/Country:</b>	REPUBLIC OF KOREA
<b>Postal Code:</b>	305-701

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	12840089

**CORRESPONDENCE DATA**

Fax Number: (617)227-4420  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

**CH \$40.00 12840089**

**501374958**

**PATENT  
 REEL: 025461 FRAME: 0155**

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ATTORNEY DOCKET NUMBER:	85668(51529)
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NAME OF SUBMITTER:	Peter F. Corless
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**Total Attachments: 13**

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<b>PATENT ASSIGNMENT</b>
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Electronic Version v1.1  
 Stylesheet Version v1.1

**07/20/2010**  
**501238367**

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Inchul Hwang	03/03/2010
Nak Hyun Kwon	03/03/2010
Jae Seung Lee	03/03/2010
Joon-Taik Park	03/03/2010
Sang-Il Choi	03/03/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Hyundai Motor Company
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<b>City:</b>	Seoul
<b>State/Country:</b>	REPUBLIC OF KOREA
<b>Name:</b>	Korea Institute of Science and Technology
<b>Street Address:</b>	39-1, Hawolgok-dong, Seongbuk-gu
<b>City:</b>	Seoul
<b>State/Country:</b>	REPUBLIC OF KOREA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12840089
<b>CORRESPONDENCE DATA</b>	
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CH \$40.00 12840089

TO: EDWARDS ANGELL PALMER &amp; DUNN LLP COMPANY: P.O. BOX 55874

ATTORNEY DOCKET NUMBER:	85668(51529)
NAME OF SUBMITTER:	Peter F. Corless
Total Attachments: 8 source=85668_Assignment#page1.tif source=85668_Assignment#page2.tif source=85668_Assignment#page3.tif source=85668_Assignment#page4.tif source=85668_Assignment#page5.tif source=85668_Assignment#page6.tif source=85668_Assignment#page7.tif source=85668_Assignment#page8.tif	

## ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 29 day of November, 2010,

by Inchul Hwang; Nak Hyun Kwon; Jae Seung Lee; Joon Taik Park; and Sang-II Choi (hereinafter referred to as Assignors), residing at 109-603, Kkachi Maeul Apt., Gumi-dong, Bundang-gu, Seongnam, Gyeonggi-Do, REPUBLIC OF KOREA 463-743; 1-303, Uchang Apt., 4051 Singil 6-dong, Yeongdeungpo-gu, Seoul, REPUBLIC OF KOREA 150-050; 625-1, Dongbaekdong, Giheung-gu, Yongin, Gyeonggi-Do, REPUBLIC OF KOREA 446-892; 2113 Chemistry Department, KAIST, Guseong-dong, Yuseong-gu, Daejeon, REPUBLIC OF KOREA 305-701; and 2113 Chemistry Department, KAIST, Guseong-dong, Yuseong-gu, Daejeon, REPUBLIC OF KOREA 305-701, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in PREPARATION METHOD FOR PICO NANOCUBE CATALYST, set forth in a Patent application for Letters Patent of the United States, already filed on July 20, 2010 as U.S. Application No. 12/840,089 ; and

WHEREAS, Hyundai Motor Company and Korea Advanced Institute of Science and Technology, a Corporation and Corporation, respectively organized under and pursuant to the laws of Korea, Republic of and Korea, Republic of, respectively having their principal places of business at 231, Yangjae-Dong, Seocho-Ku, Seoul, REPUBLIC OF KOREA; and 373-1, Guseong-dong, Yuseong-gu, Daejeon, REPUBLIC OF KOREA 305-701, 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 application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, 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:

EDWARDS ANGELL PALMER & DODGE LLP

All practitioners at Customer Number 21874

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

2010. 11. 29  
Date

Inchul Hwang  
Inchul Hwang



2010년 11월 29일  
Date

Nak Hyun Kwon  
Nak Hyun Kwon

2010. 11. 29  
Date

*Jae Seung Lee*  
Jae Seung Lee

2010. 11. 22

Date

Joon T. Park

Joon Taik Park

2010 11 22  
Date

Sang-Il Choi  
Sang-Il Choi