

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kwi Seong Jeong	04/13/2011
Seung Chan Oh	04/13/2011
Young Bum Kum	04/13/2011
Sae Hoon Kim	04/13/2011
Jung Do Suh	04/13/2011
Duck Whan Kim	04/13/2011
Young-Hyun Lee	04/13/2011
Seung Ryeol Yoo	04/13/2011
Myung Ju Jung	04/13/2011
Jong Guen Yoon	04/13/2011

RECEIVING PARTY DATA

Name:	Hyundai Motor Company
Street Address:	231, Yangjae-Dong, Seocho-Ku
City:	Seoul
State/Country:	REPUBLIC OF KOREA

Name:	Kangnam University Industry-Academia Cooperation Foundation
Street Address:	6-2 San, Gugal-dong, Giheung-gu
City:	Yongin, Gyeonggi-do
State/Country:	REPUBLIC OF KOREA
Postal Code:	446-702

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13109819

CORRESPONDENCE DATA

CH \$40.00 13109819

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ATTORNEY DOCKET NUMBER:	88437(51529)
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NAME OF SUBMITTER:	Peter F. Corless
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Total Attachments: 13
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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 13 day of April, 2011, by JEONG, Kwi Seong; OH, Seung Chan; KUM, Young Bum; KIM, Sae Hoon; SUH, Jung Do; KIM, Duck Whan; LEE, Young Hyun; YOO, Seung Ryeol; JUNG, Myung Ju; YOON, Jong Guen, (hereinafter referred to as Assignors), residing at No. 110, 867-6, Jukjeon-dong Suji-gu, Yongin-si, Gyeonggi-do 448-160, REPUBLIC OF KOREA; Research center for environmental technology, Hyundai Motor Company 104 Mabuk-dong, Giheung-gu, Yongin-si, Gyeonggi-do 446-912, REPUBLIC OF KOREA; 139-2702, Gwanakdream Town Apt., Bongcheon 5-dong, Gwanak-gu, Seoul 151-774, REPUBLIC OF KOREA; 2113-301, Dongilhivill, Jung-dong, Giheung-gu, Yongin-si, Gyeonggi-do 446-916, REPUBLIC OF KOREA; 302-802, Olympic Family Town., Munjeong 2-dong, Songpa-gu, Seoul 138-769, REPUBLIC OF KOREA; 3F, 179-11, Nonhyeon 1-dong, Gangnam-gu, Seoul 135-826, REPUBLIC OF KOREA; 304-401, Gangbyeon Samsung Raemian Apt., Dangsang-dong 6-ga Yeongdeungpo-gu, Seoul 150-942, REPUBLIC OF KOREA; 111-403, Dongilhivill, Yongsok-dong, dongnam-gu, Cheonan-si, Chungcheongnam-do 330-809, REPUBLIC OF KOREA; 1-1404, Sujeong Town, Dunsan-dong Seo-gu, Daejeon 302-120, REPUBLIC OF KOREA and 306-1603, Ilsung neungsoo Apt., Ssangyong-dong, Seobuk-gu, Cheonan-si, Chungcheongnam-do 331-090, REPUBLIC OF KOREA, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in MONITORING THE OPERATIONAL STATE OF A FUEL CELL STACK, set forth in a Patent application for Letters Patent of the United States, filed herewith; and

WHEREAS, Hyundai Motor Company and KANGNAM UNIVERSITY INDUSTRY-ACADEMIA COOPERATION FOUNDATION, organized under and pursuant to the laws of Republic of Korea, respectively having their principal places of business at 231, Yangjae-Dong, Seocho-Ku, Seoul, REPUBLIC OF KOREA; and 6-2 San, Gugak-dong, Giheung-gu, Yongin-si, Gyeonggi-do 446-702, 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 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 Assignee, its 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 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, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its 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 Assignee, its 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 Assignee under law or that have already been transferred to Assignee, 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 Assignee, its 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 Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its 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 Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its 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 Assignee at the time the invention was made.

April 13, 2011
Date

JEONG KWI SEONG
JEONG, Kwi Seong

Witness:

April 13, 2011
Date

HA
SONG, Ji Huang

April 13, 2011

Date

OH Seung Chan

OH, Seung Chan

Witness:

April 13, 2011

Date

ns

SONG, Ji Huang

April 13, 2011
Date

Kum Young Bum
KUM, Young Bum

Witness:

April 13, 2011
Date

HA
SONG, Ji Huang

April 13, 2011
Date

KIM, Sae Hoon
KIM, Sae Hoon

Witness:

April 13, 2011
Date

GH
GONG, Ji Huang

April 13, 2011
Date

Suh, Jung Do
SUH, Jung Do

Witness:

April 13, 2011
Date

GA
SONG, Ji Hwang

April 13, 2011

Date

Kim. Duck Whan

KIM, Duck Whan

Witness:

April 13, 2011

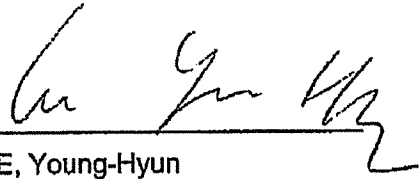
Date

HA

HONG, JT HUANG

April 13, 2011

Date



LEE, Young-Hyun

Witness:

April 13, 2011

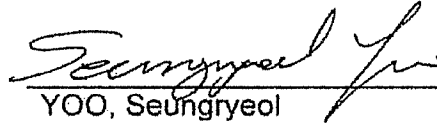
Date



HONG-JT Hyang

April 13, 2011

Date


YOO, Seungryeol

Witness:

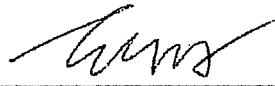
April 13, 2011

Date

KA
GONG, JI HUANG

April 13, 2011

Date



JUNG, Myung Ju

Witness:

April 13, 2011


Date



SONG, J. Huang

April 13, 2011

Date



YOON, Jong Guen

Witness:

April 13, 2011

Date



SONG, JT Huang