

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Sae Hoon Kim	11/09/2010
Sang Mun Chin	11/09/2010
Kwi Seong Jeong	11/09/2010

**RECEIVING PARTY DATA**

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

Name:	Kia Motors Corporation
Street Address:	231, Yangjae-Dong
Internal Address:	Seocho-Ku
City:	Seoul
State/Country:	REPUBLIC OF KOREA

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12953345

**CORRESPONDENCE DATA**

Fax Number: (617)227-4420  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 617-239-0100  
 Email: lmarcus@eapdlaw.com  
 Correspondent Name: EDWARDS ANGELL PALMER & DODGE LLP  
 Address Line 1: P.O. BOX 55874  
 Address Line 4: BOSTON, MASSACHUSETTS 02205

CH \$40.00 12953345

ATTORNEY DOCKET NUMBER:	87433(51529)
NAME OF SUBMITTER:	Peter F. Corless
Total Attachments: 6 source=87433_Assignment#page1.tif source=87433_Assignment#page2.tif source=87433_Assignment#page3.tif source=87433_Assignment#page4.tif source=87433_Assignment#page5.tif source=87433_Assignment#page6.tif	

## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, made this 9 day of November, 2010, by KIM, Sae Hoon; CHIN, Sang Mun; JEONG, Kwi Seong, (hereinafter referred to as Assignor), residing 2113-301, Dongil Hivill., Jung-dong, Giheung-gu, Yongin-si, Gyeonggi-do 446-916, REPUBLIC OF KOREA; No. 401, 1459-20, Sillim 5-dong, Gwanak-gu, Seoul 151-892, REPUBLIC OF KOREA; No. 110, 867-6, Jukjeon-dong, Suji-gu, Yongin-si, Gyeonggi-do 448-160, REPUBLIC OF KOREA, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in APPARATUS AND METHOD FOR GENERATING VIRTUAL SOUND SOURCE FOR MONITORING THE OPERATING 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 Kia Motors Corporation, 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 231, Yangjae-Dong, Seocho-Ku, Seoul, 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.

November 9, 2010

Date

KIM. SAE-HOON

KIM, Sae Hoon

Witness:

November 9, 2010

Date

JA

SONG, Ji-Hyang

November 9, 2010

Date

CHIN, Sang Mun

CHIN, Sang Mun

Witness:

November 9, 2010

Date

NA

SONG, Ji Hyang

November 9, 2010

Date

JEONG, KWI SEONG

JEONG, Kwi Seong

Witness:

November 9, 2010

Date

GA

SONG, JI Kyoung