

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sung Kyu Kim</td> <td>11/20/2010</td> </tr> <tr> <td>Jaewon Lee</td> <td>11/20/2010</td> </tr> <tr> <td>Tae Hwan Chung</td> <td>11/20/2010</td> </tr> <tr> <td>Ki Jong Lee</td> <td>11/20/2010</td> </tr> <tr> <td>Jong Kyung Lim</td> <td>11/20/2010</td> </tr> </tbody> </table>		Name	Execution Date	Sung Kyu Kim	11/20/2010	Jaewon Lee	11/20/2010	Tae Hwan Chung	11/20/2010	Ki Jong Lee	11/20/2010	Jong Kyung Lim	11/20/2010
Name	Execution Date												
Sung Kyu Kim	11/20/2010												
Jaewon Lee	11/20/2010												
Tae Hwan Chung	11/20/2010												
Ki Jong Lee	11/20/2010												
Jong Kyung Lim	11/20/2010												
RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Hyundai Motor Company</td> </tr> <tr> <td>Street Address:</td> <td>231, Yangjae-dong, Seocho-ku</td> </tr> <tr> <td>City:</td> <td>Seoul</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> </table>		Name:	Hyundai Motor Company	Street Address:	231, Yangjae-dong, Seocho-ku	City:	Seoul	State/Country:	REPUBLIC OF KOREA				
Name:	Hyundai Motor Company												
Street Address:	231, Yangjae-dong, Seocho-ku												
City:	Seoul												
State/Country:	REPUBLIC OF KOREA												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12959769</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12959769								
Property Type	Number												
Application Number:	12959769												
CORRESPONDENCE DATA													
<p>Fax Number: (617)227-4420</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 617-239-0100</p> <p>Email: cscherbel@eapdlaw.com</p> <p>Correspondent Name: EDWARDS ANGELL PALMER & DODGE LLP</p> <p>Address Line 1: P.O. BOX 55874</p> <p>Address Line 4: BOSTON, MASSACHUSETTS 02205</p>													
ATTORNEY DOCKET NUMBER:	87460(71666)												
NAME OF SUBMITTER:	Peter F. Corless												
<p>Total Attachments: 4</p> <p>source=87460_Assignment#page1.tif</p>													

CH \$40.00 12959769

501368260

PATENT
REEL: 025443 FRAME: 0993

source=87460_Assignment#page2.tif
source=87460_Assignment#page3.tif
source=87460_Assignment#page4.tif

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made this 20th day of November, 2010, by **KIM, SUNG KYU; LEE, JAEWON; CHUNG, TAE HWAN; LEE, KI JONG; LIM, JONG KYUNG** (inventor) (hereinafter referred to as Assignor), residing 1210-1304 LG Apt., Mujigae Maeul, Jung-dong, Wonmi-gu, Bucheon-si, Gyeonggi-do, Republic of Korea; 102-106 Daegwang Apt., Namyang-dong, Hwaseong-si, Gyeonggi-do, Republic of Korea; 105-1311 Gwangmyeong Apt., Mansu 6-dong, Namdong-gu, Incheon-si, Republic of Korea; 512-1604 Jugong 5-danji, Geumgam-dong, Osan-si, Gyeonggi-do, Republic of Korea; 503-306 Yangji Maeul Hanyang Apt., Sunae-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea

WHEREAS, Assignor has invented certain new and useful improvements in **APPARATUS FOR DIAGNOSING DC-DC CONVERTER AND METHOD THEREOF** (title), set forth in a Patent application for Letters Patent of the United States, filed herewith; and

WHEREAS, **HYUNDAI MOTOR COMPANY**, a organized under and pursuant to the laws of Republic of Korea having its principal place of business at 231, Yangjae-dong, Seocho-ku, Seoul, Korea (hereinafter referred to as Assignee), is 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, Assignor has 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 Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor 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, Assignor is 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 Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignor 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 Assignor 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 Assignor 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 Assignor acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

November 20, 2010

Date

Kim Sung Kyu.
(inventor) KIM, SUNG KYU

November 20, 2010

Date

Lee Jae Won
(inventor) LEE, JAEWON

November 20, 2010

Date

Chung TAE HWAN
(inventor) CHUNG, TAE HWAN

November 20, 2010

Date

Lee Ki Jong
(inventor) LEE, KI JONG

November 20, 2010

Date

Lim Jong Kyong
(inventor) LIM, JONG KYUNG