

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Young Chul Oh</td> <td>11/30/2012</td> </tr> <tr> <td>Surim Kwon</td> <td>11/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	Young Chul Oh	11/30/2012	Surim Kwon	11/30/2012
Name	Execution Date						
Young Chul Oh	11/30/2012						
Surim Kwon	11/30/2012						
RECEIVING PARTY DATA							
Name:	Hyundai Motor Company						
Street Address:	231, Yangjae-dong, Seocho-ku						
City:	Seoul						
State/Country:	KOREA, REPUBLIC OF						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13710196</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13710196		
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Application Number:	13710196						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Peter F. Corless						
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif							

CH \$40.00 13710196

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made this 30 day of Nov, 2012, by
OH, YOUNG CHUL; Kwon, Surim (inventors) (hereinafter referred to as Assignor),
residing at 1308-1403, Sanwoon meul, Woonjung-dong, Bundang-gu, Seongnam-si,
Gyeonggi-do, Korea; 103-302, Hyundai Feelgreen Apt., Mabuk-dong, Giheung-gu,
Yongin-si, Gyeonggi-do, Korea

WHEREAS, Assignor has invented certain new and useful improvements in

METHOD AND SYSTEM FOR RECOGNIZING SPACE OF SHOULDER OF ROAD

(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

to comply with the rules of the United States Patent and Trademark Office for
recording 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.

2012. 11. 30 Oh, Young Chul
Date (inventor) OH, YOUNG CHUL

2012. 11. 30 Kwon, Surim
Date (inventor) Kwon, Surim