

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6513699

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF THE 4TH INVENTOR, AND THE EXECUTION DATES OF THE 8TH AND 9TH INVENTORS previously recorded on Reel 054984 Frame 0179. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
YOON SOO KIM	07/12/2017
DONG GYU NOH	07/03/2017
IN YONG JUNG	07/12/2017
SU LYUN SUNG	07/03/2017
SEUNG WOOK PARK	07/03/2017
JONG ROK PARK	07/03/2017
KYUNG JOO BANG	07/11/2017
CHO RONG RYU	01/06/2017
MIN BYEONG LEE	07/03/2017
HAHK REL NOH	07/03/2017
DAE SUNG HWANG	07/03/2017
RECEIVING PARTY DATA	
Name:	HYUNDAI MOTOR COMPANY
Street Address:	12, HEOLLEUNG-RO, SEOCHO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	06797
Name:	KIA MOTORS CORPORATION
Street Address:	12, HEOLLEUNG-RO, SEOCHO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	06797
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17154025
CORRESPONDENCE DATA	

Fax Number: (202)739-3001

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2027393000

Email: wapatents@morganlewis.com, angie.ellis@morganlewis.com

Correspondent Name: MORGAN, LEWIS & BOCKIUS LLP

Address Line 1: 1111 PENNSYLVANIA AVENUE, NW

Address Line 4: WASHINGTON, D.C. 20004

ATTORNEY DOCKET NUMBER:	123221-5018-US
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NAME OF SUBMITTER:	ANGELA Y. ELLIS
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SIGNATURE:	/Angela Y. Ellis/
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DATE SIGNED:	01/25/2021
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Total Attachments: 5

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6507430

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>YOON SOO KIM</td><td>07/12/2017</td></tr><tr><td>DONG GYU NOH</td><td>07/03/2017</td></tr><tr><td>IN YONG JUNG</td><td>07/12/2017</td></tr><tr><td>SU LYNN SUNG <u>SU LYUN SUNG</u></td><td>07/03/2017</td></tr><tr><td>SEUNG WOOK PARK</td><td>07/03/2017</td></tr><tr><td>JONG ROK PARK</td><td>07/03/2017</td></tr><tr><td>KYUNG JOO BANG</td><td>07/11/2017</td></tr><tr><td>CHO RONG RYU</td><td><u>07/06/2017</u> 01/06/2017</td></tr><tr><td>MIN BYEONG LEE</td><td><u>07/03/2017</u> 07/03/2019</td></tr><tr><td>HAHK REL NOH</td><td>07/03/2017</td></tr><tr><td>DAE SUNG HWANG</td><td>07/03/2017</td></tr></tbody></table>	Name	Execution Date	YOON SOO KIM	07/12/2017	DONG GYU NOH	07/03/2017	IN YONG JUNG	07/12/2017	SU LYNN SUNG <u>SU LYUN SUNG</u>	07/03/2017	SEUNG WOOK PARK	07/03/2017	JONG ROK PARK	07/03/2017	KYUNG JOO BANG	07/11/2017	CHO RONG RYU	<u>07/06/2017</u> 01/06/2017	MIN BYEONG LEE	<u>07/03/2017</u> 07/03/2019	HAHK REL NOH	07/03/2017	DAE SUNG HWANG	07/03/2017	
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PATENT

REEL: 055103 FRAME: 0837

COMBINED DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

I believe I am the original or an original joint inventor of a claimed invention in the application for which a patent is sought on the invention entitled:

**CONTROL APPARATUS AND METHOD FOR IMPROVING FUEL EFFICIENCY
IN CACC SYSTEM**

which application is:

☒ attached, or

☐ United States application number _____ filed on _____.

The above-identified application was made or authorized to be made by me.

In the event that the filing date and/or application number are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request the registered practitioners of **McDermott Will & Emery LLP**, associated with the Customer Number **20277**, to insert above the filing date and/or application number of the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby assign to:

HYUNDAI MOTOR COMPANY

having an address at **12, Heolleung-ro, Seocho-gu, Seoul 137-938 Republic of Korea**

KIA MOTORS CORPORATION

having an address at **12, Heolleung-ro, Seocho-gu, Seoul 137-938 Republic of Korea**

the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention described in the application identified in this document.

I hereby confirm any prior assignment to Assignee, and to the extent that I have not already done so, agree to assign, and hereby do, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by the undersigned had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

I hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

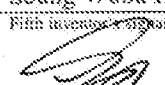
I hereby covenant that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment.

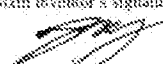
Legal name of first inventor Yoon Soo KIM	
First inventor's signature 	Date 2017. 7. 12

Legal name of second inventor Dong Gyu NOH	
Second inventor's signature 	Date 2017. 7. 3

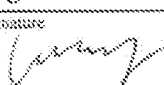
Legal name of third inventor In Yong JUNG	
Third inventor's signature 	Date 2017. 7. 12

Legal name of fourth inventor Su Lyun SUNG	
Fourth inventor's signature 	Date 2017. 7. 3

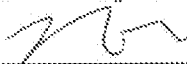
Legal name of fifth inventor Seung Wook PARK	
Fifth inventor's signature 	Date 2017. 7. 3

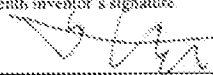
Legal name of sixth inventor Jong Rok PARK	
Sixth inventor's signature 	Date 2017. 7. 3

Legal name of seventh inventor Kyung Joo BANG	
Seventh inventor's signature 	Date 2017. 7. 11

Legal name of eighth inventor Cho Rong RYU	
Eighth inventor's signature 	Date 2017. 7. 6

Legal name of ninth inventor Min Byeong LEE	
Ninth inventor's signature 	Date 7/3/2019

Legal name of tenth inventor Hahk Rei NOH	
Tenth inventor's signature 	Date 7/3/2019

Legal name of eleventh inventor Dae Sung HWANG	
Eleventh inventor's signature 	Date 2019.7.3