# 504670307 12/04/2017

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
DONG OK KIM	11/30/2017
JUN BYUNG CHAE	11/30/2017
JIN HWA YUN	11/30/2017

## **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:	Name: KIA MOTORS CORPORATION	
Street Address: 12, HEOLLEUNG-RO, SEOCHO-GU		
City:	sy: SEOUL	
State/Country:	tate/Country: KOREA, REPUBLIC OF	
Postal Code:	ostal Code: 06797	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	15831138	

### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	119461-5005-US
NAME OF SUBMITTER:	PETER F. ROIDMAIER
SIGNATURE:	/Peter F. Roidmaier/

PATENT 504670307 REEL: 044291 FRAME: 0619

DATE SIGNED: 12/04/2017

Total Attachments: 3
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PATENT REEL: 044291 FRAME: 0620

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	Application	No
Attorney	Docket No.	119461-5005-US

# ASSIGNMENT (Joint Inventors)

WHEREAS, the undersigned, (1) [Dong Ok KIM], resident of [104-612, 195, Baengma-ro, Ilsandong-gu, Goyang-si, Gyeonggi-do 10403, Republic of Korea], and (2) [Jun Byung CHAE], resident of [204-1302, 16, Sindorim-ro, Guro-gu, Seoul 08211, Republic of Korea], and (3) [Jin Hwa YUN], resident of [1045, 62, Saemal-ro, Songpa-gu, Seoul 05841, Republic of Korea] (hereinafter termed "Inventors"), respectively, have invented certain new and useful improvements in

[OPERATION METHOD OF COMMUNICATION NODE FOR DIAGNOSING VEHICLE NETWORK]

and executed therefore an application for Letters Patent of the United States and				
×	having an oath or declaration executed on	even date herewith. and filed on		

WHEREAS, [HYUNDAI MOTOR COMPANY] and [KIA MOTORS CORPORATION], a corporation of the Republic of Korea, having a place of business at [12, Heolleung-ro, Seocho-gu, Seoul 06797, Republic of Korea] and [12, Heolleung-ro, Seocho-gu, Seoul 06797, Republic of Korea], (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

- 1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- 2. Said Inventors do hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other

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PATENT REEL: 044291 FRAME: 0621 assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.
- 4. Said Inventors do hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee as follows:

Date: 1	November 30, 20		Dona Dona Dona	tem
State of		)	-,-0	
County of	)	) SS.		
Ou		before me.	Notary Public, personally appeared	, who proved to me on the basis of satisfactory evidence

WITNESS my hand and official seal.

Notary Public

PATENT			Application NoAttorney Docket No. 119461-5005-US
		(2)	[Jun Byung CHAE]
Date:	November 30, 2017		70
State of County of to be the pers	before me,	Nota	ry Public, personally appeared, who proved to me on the basis of satisfactory evidence at he/sine executed the same in his/her authorized capacity(ies), and that by his/her signature on the nent. I certify under PENALTY OF PERJURY under the laws of the State of California that the
mstrument the	e person, or the entity upon behalf of which the person acted, ex ragraph is true and correct.	ecuted the attention	IESS my hand and official scal.
			y Public
		(3)	[Jin Hwa YUN]
Date:	November 30, 2017		
State of	) ) SS.		•
County of _	)		
mstrument ti			ary Public, personally appeared, who proved to me on the basis of satisfactory evidence at he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the ment. I certify under PENALTY OF PERJURY under the laws of the State of California that the
		with	NESS my hand and official seal.

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**RECORDED: 12/04/2017** 

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