11/10/2017 504637276

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MAN JU OH	10/19/2017
SANG SHIN LEE	10/20/2017
JAE WOO PARK	10/19/2017
SO YOON PARK	10/19/2017
JAE WOONG KIM	10/19/2017
SO LA CHUNG	10/19/2017

RECEIVING PARTY DATA

Name:	HYUNDAI MOTOR COMPANY
Street Address:	12 HEOLLEUNG-RO, SEOCHO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Name:	KIA MOTORS CORPORATION
Street Address:	12 HEOLLEUNG-RO, SEOCHO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15809408

CORRESPONDENCE DATA

Fax Number: (415)442-1001

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: 4154421000

Email: nina.kong@morganlewis.com

MORGAN, LEWIS & BOCKIUS LLP (SF) **Correspondent Name:**

Address Line 1: ONE MARKET, SPEAR STREET TOWER, SUITE 28

Address Line 4: SAN FRANCISCO, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:	068949-5981-US
NAME OF SUBMITTER:	NINA KONG

PATENT REEL: 044092 FRAME: 0510 504637276

SIGNATURE:	/Nina Kong/	
DATE SIGNED:	11/10/2017	
Total Attachments: 8		
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PATENT REEL: 044092 FRAME: 0511

ASSIGNMENT (Joint Inventors)

WHEREAS, the undersigned,

- (1) OH, Man Ju, resident of 106-1502, Hyundai Apt., Seocheon-dong, Giheung-gu, Yongin-si, Gyeonggi-do 17103, Republic of Korea,
- (2) LEE, Sang Shin, resident of (Hwaseo-dong, Blooming Pureunsup Apt.) 118-602, 50, Hwayang-ro, Paldal-gu, Suwon-si, Gyeonggi-do 16438, Republic of Korea,
- (3) PARK, Jae Woo, resident of 105-204, Danwonmaeul Apt., 714, Gojan 1-dong, Danwon-gu, Ansan-si, Gyeonggi-do 15475, Republic of Korea,
- (4) PARK, So Yoon, resident of (Gwonseon-dong, Suwon I-Park City 6-danji) 608-302, 74, Dongsuwon-ro 145beon-gil, Gwonseon-gu, Suwon-si, Gyeonggi-do 16663, Republic of Korea,
- (5) KIM, Jae Woong, resident of (Banwol-dong, SK View Park) 114-1701, 382-37, Dongtanwoncheon-ro, Hwaseong-si, Gyeonggi-do 18396, Republic of Korea, and
- (6) CHUNG, So La, resident of 119-802, Sinbanpo Hanshin Apt., Jamwon-dong, Seocho-gu, Seoul 06514, Republic of Korea,

(hereinafter termed "Inventor(s)"), respectively, has/have invented certain new and useful improvements in *HVAC SYSTEM OF VEHICLE* and executed therefore an application for Letters Patent of the United States and

\boxtimes	having an oath or declaration executed	on even date herewith.	
	bearing U.S. Patent Application No.	and filed on	

WHEREAS, (1) HYUNDAI MOTOR COMPANY, a corporation of the Republic of Korea, having a place of busi ness at 12, Heolleung-ro, Seocho-gu, Seoul 06797, Republic of Korea, and (2) KIA MOTORS CORP., a corporation of the Republic of Korea, having a place of business at 12, Heolleung-ro, Seocho-gu, Seoul 06797, Republic of Korea, (hereina fter termed "Assignees"), are desirous of acquiring the entire right, title and interest in and to said application and the invention in disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or sever ally 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(s):

1. Said Inventor(s) does/do hereby sell, assign, transfer and convey unto said Assignee(s), the entire right, title

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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 Inventor(s) does/do hereby jointly and severally covenant and agree to cooperate with said Assignee(s) to enable said Assignee(s) to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee(s) (a) for perfecting in said Assignee(s) 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 Inventor(s) in providing such cooperation shall be paid for by said Assignee(s).
- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee(s), its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), its/their respective heirs, legal representatives and assigns.
- 4. Said Inventor(s) does/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 Inventor(s) has/have executed and delivered this instrument to said Assignee(s) as follows:

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		(1) OH, Man Ju	
Date: 10 , (۱) صد	- 19	any	
State of	The state of the s		
whose name is subscribed to the within instrument	fore me,		ine nerson of the colds
		WITNESS my hand and official seal.	
		Notary Public	

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	(2) LEE, Sang Shin
Date:	
	Lee Say Shm.
State of)	
County of SS.	
minute manne is subscribed to the within instrument and acknowledged to me	Notary Public, personally appeared who proved to me on the basis of satisfactory evidence to be the person that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity
of which the person acted, executed the instrument. I certify in	that never executed the same in his/ner authorized capacitytess, and that of insoner signature on the distinction person, of the Mind of PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
	WITNESS my hand and official scal

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(3) PARK, Jae Woo

Date:		
2017.10.19	240	f
State of SSS.		
On	io/sha axaautad tha sama in his/har authori aid canaaits (i.e.). aa	ho proved to me on the basis of satisfactory evidence to be the person
upon behalf of which the person acted, executed the instrument. I certify under P	ENALTY OF PERJURY under the laws of the State of Calife	orma that the foregoing paragraph is true and correct.
	WITNESS my hand and official scal	•

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	(4) PARK, So Yoon
Date;	
2017. 10.19	park to Your
State of	·
County of	and the second s
On, before me,, whose name is subscribed to the within instrument and acknowledged to me that he upon behalf of which the person acted, executed the instrument. I certify under PE	who proved to me on the basis of satisfactory evidence to be the person. When executed the same in his/her authorized capacity(ics), and that by his/her signature on the instrument the person, or the entity eNALTY OF PERUNRY under the laws of the State of California that the foregoing paragraph is true and correct.
	WITNESS my hand and official scal

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County of) SS.									
On	to the within instrument and acknowns acted, executed the instrum	owledged to me that he/sh								entity
				hand and official se						
			Notary Public							

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