11/21/2017 504653309

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4700030

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ILHAN YOO	11/20/2017
SEONG WOOK HWANG	11/20/2017
SEONGWOOK JI	11/20/2017
JUHYEON PARK	11/20/2017
HYUN SIK KWON	11/20/2017
JAE CHANG KOOK	11/20/2017
KI TAE KIM	11/20/2017

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:	15819772

CORRESPONDENCE DATA

Fax Number: (312)913-0002

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: 3129130001

Email: docketing@mbhb.com

Correspondent Name: MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP

300 SOUTH WACKER DRIVE Address Line 1:

SUITE 3200 Address Line 2:

Address Line 4: CHICAGO, ILLINOIS 60606

PATENT REEL: 044193 FRAME: 0461 504653309

ATTORNEY DOCKET NUMBER:	17-1616-US
NAME OF SUBMITTER:	ANTHOULA POMRENING
SIGNATURE:	/Anthoula Pomrening/
DATE SIGNED:	11/21/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

source=17-1616-US_AssignmentDeclaration#page1.tif source=17-1616-US_AssignmentDeclaration#page2.tif

PATENT REEL: 044193 FRAME: 0462

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

	Insert	(1) Ilhan YOO	(2) Seong Wook HWANG	
(1-7)	Legal Name(s)	(3) Seongwook JI	(4) Juhyeon PARK	
	of Inventors(s)	(5) Hyun Sik KWON	(6) Jae Chang KOOK	
		(7) Ki Tae KIM		
		paid to each of the undersigned, the	dollar (\$1.00) and other good and valuable consideration receipt and sufficiency of which are hereby acknowledged, at hereby does assign, transfer and set over to	
(8)	Insert Name of	(8) HYUNDAI MOTOR C	OMPANY	
(9)	Assignee Insert Address of Assignee	(9) 12, Heolleung-ro, Seocho-gu, Seoul, Republic of Korea		
(10)	Insert Name of	(10) KIA MOTORS CORE	PORATION	
(11)	Assignee Insert Address of	(11) 12, Heolleung-ro, Seocho-gu, Seoul, Republic of Korea		
	Assignee	representatives, the entire right, title 35 U.S.C. §100, in the invention, and provisional, non-provisional, division	ee) and Assignee's heirs, successors, assigns and legal and interest for the United States of America as defined in in all applications for patent including any and all hal, continuation, international, substitute and reissue extensions, reissues and reexamination certificates that bown as	
(11)	Insert Identification		TRAIN OF AUTOMATIC	
	such as Title, Case Number, or Foreign	TRANSMISSION FOR V (Attorney Docket No. 17-1	EFFICLES 616-US), filed on even date herewith or as	
(13)	Alternative identification for filed applications	(13) U.S. Application Num filed	ber	

 Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States potent to the Assignee.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of MCDONNELL BRIEHNEN HULBERT & BERGHOFF LLP the power to insent on this assignment any further identification that 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.

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-

²⁾ Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding, which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.

identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

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:

in witness whereof, executed by the undersigned on the date(s) opposite the undersigned name (s).

Date	2011-1001-20	_Inventor Signature _	ILHAN - YOU	(SEAL)
			lihan YOO	
Date	2017,11.20	_Inventor Signature _	Seen Wook HWANG	(VSEAL)
			Seong Wook HWANG	1,4,
Date	2019,11,20	Inventor Signature _	Songwook JI	(SEAL)
			Seongwook JI	• 1811 - 111 - 211 - 21
Date	2019.11.20	Inventor Signature	Juhysen Park Juhyeon PARK	(SEAL)
			Juhyeon PARK	
Date	2017.11.20	_Inventor Signature _	Hemal Four	(SEAL)
			Hyun Sik KWON	
Date_	2011-11-20	Inventor Signature _	Jae Chang Kook Jae Chang KOOK	(SEAL)
Date .	2011.11.20	Inventor Signature	kim kittae	(SEAL)
			Ki Tae KIM	
U.S.A. J	This assignment should preferably be a if neither, then it should be signed before		blic if within the U.S.A. (b) a U.S. Consul if also sign here:	outside the
Date_		Witness		
Maria		W.Mar. and		
Date_		Witness	***************************************	

RECORDED: 11/21/2017