504147835 12/20/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONG MIN PARK	12/09/2016
NAK KYOUNG KONG	12/09/2016
KEUN SIG LIM	12/09/2016
KI HONG LEE	12/09/2016
ILLSOO KIM	12/09/2016
BYUNG SEOB YU	12/09/2016
KYUNGTAEK KIM	12/09/2016
WONBOK HONG	12/09/2016
TAEWANG KIM	12/09/2016

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	
Name: Street Address:	KIA MOTORS CORPORATION 12, HEOLLEUNG-RO, SEOCHO-GU	
Street Address:	12, HEOLLEUNG-RO, SEOCHO-GU	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15385624

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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.

949-760-0404 Phone: efiling@knobbe.com Email:

REEL: 041038 FRAME: 0444 504147835

PATENT

Correspondent Name: KNOBBE, MARTENS, OLSON & BEAR, LLP.

Address Line 1: 2040 MAIN STREET, 14TH FLOOR

Address Line 4: IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	HMCSLM.004AUS
NAME OF SUBMITTER:	MINCHEOL KIM
SIGNATURE:	/Mincheol Kim/
DATE SIGNED:	12/20/2016

Total Attachments: 6

source=Executed Declaration and Assignment - HMCSLM.004AUS#page1.tif source=Executed Declaration and Assignment - HMCSLM.004AUS#page2.tif source=Executed Declaration and Assignment - HMCSLM.004AUS#page3.tif source=Executed Declaration and Assignment - HMCSLM.004AUS#page4.tif source=Executed Declaration and Assignment - HMCSLM.004AUS#page5.tif source=Executed Declaration and Assignment - HMCSLM.004AUS#page6.tif

Application Data Sheet filed previously or concurrently

Docket No.: HMCCLM.004AUS Page 1 of 3

Title: RAIN SENSOR OF VEHICLE, AND METHOD OF CONTROLLLING THE SAME

Inventor(s): PARK, Jong Min; KONG, Nak Kyoung; LIM, Keun Sig; LEE, Ki Hong; KIM, Illsoo; YU, Byung

Seob; KIM, KyungTaek; HONG, WonBok; KIM, Taewang

Declaration

This Declaration is directed to the invention identified above that:

Is attached, where "attached" means filed concurrently with, or

Was filed on ______ as U.S. or International Application No. _____ and incorporating any amendments made thereto prior to the signature date of this Declaration. In case this Combined Declaration & Assignment is signed without the filing date and/or the application number, I authorize the registrants of Knobbe, Martens, Olson & Bear, LLP, Customer No. 20,995 to include the filing date and application number in the blanks before filing this Combined Declaration & Assignment with the United States Patent and Trademark Office.

As a named inventor, I declare that:

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

I believe that I am the original inventor or an original joint inventor in the application.

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

Assignment from Inventor(s)

WHEREAS, above-identified inventor(s) (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignee the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application").

AND WHEREAS, HYUNDAI MOTOR COMPANY with its principal place of business at 12, Heolleung-ro, Seocho-gu, Seoul 06797, Republic of Korea and KIA MOTORS CORPORATION with its principal place of business at 12, Heolleung-ro, Seocho-gu, Seoul 06797, Republic of Korea (collectively hereinafter referred to as the "ASSIGNEE"), desire to jointly acquire the entire right, title, and interest in and to the Application.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest in the Application, including all patent properties filed or issued upon the Application; where "Patent Properties" include, but are not limited to:

all provisional applications to which the Application claims priority; and

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

Application Data Sheet filed previously or concurrently

Docket No.: HMCCLM.004AUS Page 2 of 3 Title: RAIN SENSOR OF VEHICLE, AND METHOD OF CONTROLLLING THE SAME Inventor(s): PARK, Jong Min; KONG, Nak Kyoung; LIM, Keun Sig; LEE, Ki Hong; KIM, Ilisoo; YU, Byung Seob; KIM, KyungTaek; HONG, WonBok; KIM, Taewang AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance. AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application, and the Work or any improvements made thereto, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties. Legal Name of Inventor 1: PARK, Jong Min. Signature: PARK, Johla MIN Date: Qc 9, 2016 Legal Name of Inventor 2: KONG, Nak Kyoung Signature: Kong, Nak Kyoung Date: Dec 9, 20/6 Legal Name of Inventor 3: LIM, Keun Sig Date: Dec 9, 2016 Signature: Lim, Kenn Sig Legal Name of Inventor 4: LEE, Ki Hong Date: Dec 9 . 20 (6 Signature: LEE KT Hony

COMBINED DECLARATION & ASSIGNMENT Application Data Sheet filed previously or co	
Docket No.: HMCCLM.004AUS	Page 3 of 3
Title: RAIN SENSOR OF VEHICLE, AND METHOD OF CONTROLLL	ING THE SAME
Inventor(s): PARK, Jong Min; KONG, Nak Kyoung; LIM, Keun Sig; LE Seob; KIM, KyungTaek; HONG, WonBok; KIM, Taewang	E, Ki Hong; KIM, Illsoo; YU, Byung
Legal Name of Inventor 5: KIM, Illsoo Signature: <u>KIM ກໍມີໂຣ</u> ວັນ	Date: Dec 1, 2016
Legal Name of Inventor 6: YU, Byung Seob Signature: YU Byung Seob	Date: <u>) ୧୯</u> ペ、ユロ16
Legal Name of Inventor 7: KIM, KyungTaek Signature:	Date:
Legal Name of Inventor 8: HONG, WonBok Signature:	Date:

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Legal Name of Inventor 9: KIM, Taewang

Signature:

PATENT REEL: 041038 FRAME: 0448

Date:

Application Data Sheet filed previously or concurrently

Docket No.: HMCCLM.004AUS Page 1 of 3

Title: RAIN SENSOR OF VEHICLE, AND METHOD OF CONTROLLLING THE SAME

Inventor(s): PARK, Jong Min; KONG, Nak Kyoung; LIM, Keun Sig; LEE, Ki Hong; KIM, Illsoo; YU, Byung Seob; KIM, KyungTaek; HONG, WonBok; KIM, Taewang

Declaration

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NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest in the Application, including all patent properties filed or issued upon the Application; where "Patent Properties" include, but are not limited to:

all provisional applications to which the Application claims priority; and

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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Seob; KIM, KyungTaek; HONG, WonBok; KIM, Taewang

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application, and the Work or any improvements made thereto, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties.

Legal Name of Inventor 1: PARK, Jong Min	
Legal Name of inventor 1. FARR, Jong Mill	
Signature:	Date:
Legal Name of Inventor 2: KONG, Nak Kyoung	
_	
Signature:	Date:
Legal Name of Inventor 3: LIM, Keun Sig	
Signature:	Date:
Legal Name of Inventor 4: LEE, Ki Hong	
Signature:	Date:

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Legal Name of Inventor 5: KIM, Illsoo	
Signature:	Date:
	·
Legal Name of Inventor 6: YU, Byung Seob	
Signature:	Date:
Legal Name of Inventor 7: KIM, KyungTaek	0 0 1
Signature: KJM KGUA Tæk	Date: Dec 9. 201
9 0	
Legal Name of Inventor 8: HONG, WonBok	
-	D. 9 2011
Signature: HONG WON Bok	Date: Dec 9. 2016

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RECORDED: 12/20/2016

Legal Name of Inventor 9: KIM, Taewang

Signature: KIM Taewang

PATENT REEL: 041038 FRAME: 0451