505003290 07/13/2018 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NATURE OF CONVEYANCE:		NEW ASSIGNMENT	
		ASSIGNMENT	ASSIGNMENT
CONVEYING PARTY D	ΑΤΑ		
		Name	Execution Date
HYUNDAI MOTOR COM	1PANY		06/21/2018
RECEIVING PARTY DA	TA		
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:		16034701	
CORRESPONDENCE D Fax Number:		(312)321-4299	
Correspondence will be			successful it will be sent
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Total Attachments: 2 source=OPP20181852US_15438-664-Assignment#page1.tif source=OPP20181852US_15438-664-Assignment#page2.tif

PATENT REEL: 046346 FRAME: 0872 WHEREAS, Hyundai Motor Company of 12 Heolleung-ro, Seocho-gu, Seoul 06797, Republic of Korea; hereinafter referred to as Assignor, for the patent application tilled:

TITLE

for which Assignor is about to make or has made United States or International application for patent

(a)	\boxtimes	executed on even date preparatory to filing (each inventor should sign
		this Assignment on the same day as he/she signs the Declaration and
		Power of Attorney);

- (b) executed on _____; or
- (c) I filed on _____, and assigned Serial No. ____ or PCT International Application No. _____;
- (d) U.S. Patent No. _____; issued ____; and

WHEREAS, <u>Hyundai Motor Company</u> of 12 Heolleung-ro, Seocho-gu, Seoul 06797, Republic of Korea; and <u>Kia Motors Corporation</u> of 12 Heolleung-ro, Seocho-gu, Seoul 06797, Republic of Korea, hereinafter referred to collectively as the Assignees, are desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignees and its successors in interest, all of its right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignees to the full end of the term for which said Letters Patent therefor granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent 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 the Assignees without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignees, and requests that any official of

Page 1 of 2

PATENT REEL: 046346 FRAME: 0873

ASSIGNMENT

Attomey Docket No. 15438-664

any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignees.

June 21, 2018 Date

Hyundai⁴Motor Company

Title: General Manager -Intellectual Property Team

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