506413408 12/19/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DONG-HOON LEE	05/06/2020
PYUNG-HYUN HAN	05/06/2020
KI-JOON LEE	05/06/2020

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
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:	16869055

CORRESPONDENCE DATA

Fax Number: (312)321-4299

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: 312-321-4200

Email: usassignments@brinksgilson.com, rpetitt@brinksgilson.com,

amiller@brinksgilson.com

Correspondent Name: BRINKS GILSON & LIONE

Address Line 1: 455 N. CITYFRONT PLAZA DRIVE

Address Line 2: SUITE 3600

Address Line 4: CHICAGO, ILLINOIS 60611

ATTORNEY DOCKET NUMBER: 15438-1236

NAME OF SUBMITTER: SEUNG-HYUN JANG

PATENT 506413408 REEL: 054702 FRAME: 0614

SIGNATURE:	/Seung-Hyun Jang/	
DATE SIGNED:	12/19/2020	
Total Attachments: 2		
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source=15438-1236 Assignment-#page2.tif		

PATENT REEL: 054702 FRAME: 0615

ASSIGNMENT

Attorney Docket No.: 15438-1236

Client Ref.: FH20002US

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

SYSTEM FOR CONTROLLING AIR-FUEL RATIO FOR FLEX FUEL VEHICLE USING OXYGEN STORAGE AMOUNT OF CATALYST AND METHOD THEREOF

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

(a)	 executed on even date preparatory to filing (each inventor should significantly); this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
(b)	executed on; or
(c)	filed on and assigned Serial No
	or PCT international Application No;
(d)	U.S. Patent No, issued; and

WHEREAS, Hyundai Motor Company, a corporation organized and existing under the laws of Korea, having a place of business at 12, Heolleung-ro, Seocho-gu, Seoul 06797, Republic of Korea and KIA Motors Corporation of 12, Haolleung-ro, Seocho-gu, Seoul 06797, Republic of Korea, hereinafter referred to 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(s) by these presents does sell, assign and transfer unto Assignees and its successors in interest, the full and exclusive 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 are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor(s) 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(s) 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(s) hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

ASSIGNMENT

Attorney Docket No.: 15438-1236

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Assignor(s) 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 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.

Dong-Hoon LEE Date

Fyung-Hyun HAN Date

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RECORDED: 12/19/2020

REEL: 054702 FRAME: 0617