PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2665323

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PART	Y DATA			
		Name	Execution Date	
BUYEOL RYU			12/10/2013	
PIL SEON CHOI			12/09/2013	
DONG MYOUNG RYOO			12/09/2013	
CHAN-YO JEON			12/09/2013	
YONG-TAEK HWA	NG		12/09/2013	
IL-KYU CHOI			12/09/2013	
RECEIVING PARTY DATA				
Street Address:	12, HEOLLEUNG-RO, SEOCHO-GU			
City:	SEOUL			
State/Country:	KOREA, REPUBLIC OF			
Name:	KIA MOTORS CORPORATION			
auno.	12, HEOLLEUNG-RO, SEOCHO-GU			
	12, HEOLLEUNG-	RO, SEOCHO-GU		
Street Address:	12, HEOLLEUNG- SEOUL	RO, SEOCHO-GU		
Street Address: City:				
Street Address: City:	SEOUL			
Street Address: City: State/Country:	SEOUL	C OF		
Street Address: City: State/Country: Name:	SEOUL KOREA, REPUBLI	C OF		
Street Address: City: State/Country: Name: Street Address:	SEOUL KOREA, REPUBLI	C OF TRIAL CO., LTD. 91-GIL, YEONGIN-MYEON		
Street Address:	SEOUL KOREA, REPUBLI HYUNDAM INDUS 5, TOJEONG-RO	C OF TRIAL CO., LTD. 91-GIL, YEONGIN-MYEON		
Street Address: City: State/Country: Name: Street Address: Internal Address: City:	SEOUL KOREA, REPUBLI HYUNDAM INDUS 5, TOJEONG-RO CHUNGCHEONGI	C OF TRIAL CO., LTD. 191-GIL, YEONGIN-MYEON NAM-DO		
Street Address: City: State/Country: Name: Street Address: Internal Address:	SEOUL KOREA, REPUBLI HYUNDAM INDUS 5, TOJEONG-RO CHUNGCHEONGI ASAN-SI KOREA, REPUBLI	C OF TRIAL CO., LTD. 191-GIL, YEONGIN-MYEON NAM-DO		
Street Address: City: State/Country: Name: Street Address: Internal Address: City: State/Country:	SEOUL KOREA, REPUBLI HYUNDAM INDUS 5, TOJEONG-RO CHUNGCHEONGI ASAN-SI KOREA, REPUBLI ERS Total: 1	C OF TRIAL CO., LTD. 191-GIL, YEONGIN-MYEON NAM-DO		

Fax Number:	ax Number: (415)442-1001			
Phone: (415) 442-1		000		
Email:	llim@morga	anlewis.com		
Correspondence will be sent via US Mail when the email attempt is unsuccessful.				
Correspondent Name:	VICTOR E.	JOHNSON		
Address Line 1: ONE MARK		KET, SPEAR STREET TOWER		
Address Line 2: MORGAN, LEWIS & BOCKIUS LLP		LEWIS & BOCKIUS LLP		
Address Line 4: SAN FRANCISCO, CALIFORNIA 94105				
NAME OF SUBMITTER:		LINDA LIM		
Signature:		/Linda Lim/		
Date:		01/02/2014		
Total Attachments: 4 source=060944_6144_US_Assignment#page1.tif source=060944_6144_US_Assignment#page2.tif source=060944_6144_US_Assignment#page3.tif source=060944_6144_US_Assignment#page4.tif				

Application No. Attorney Docket No. 060944-6144-US

PATENT

ASSIGNMENT (Joint Inventors)

WHEREAS, the undersigned,

(1) RYU, BUYEOL resident of 101-101, Hyangnam Sibeom Neolbeundeul Maeul Umirin Apt., Haengjeong-ri, Hyangnam-eup, Hwaseong-si, Gyeonggi-do, Korea

(2) CHOI, PIL SEON resident of 602-503, GgumMaeul Hyundai Apt., 932-7, Pyeongchon-dong, Dongan-gu, Anyang-si, Gyeonggi-do, Korea

(3) RYOO, DONG MYOUNG resident of 436-1202 Ggochmeoi Hyundai Hometown 4-cha 3-danji, Jukjeon-dong, Suji-gu, Yongin-si, Gyeonggi-do, Korea

(4) Jeon, Chan-Yo resident of 104-606, Hanbat Garden Apt., Sanseon-dong, Jung-gu, Daejeon, Korea
(5) Hwang, Yong-Taek resident of 343-21, Yeok-ri, Yeongin-myeon, Asan-si, Chungcheongnam-do, Korea

(6) CHOI, IL-KYU resident of 343-21, Yeok-ri, Yeongin-myeon, Asan-si, Chungcheongnam-do, Korea

(hereinafter termed "Inventor"), respectively, have invented certain new and UREA SOLUTION PUMPING **MODULE** and executed therefore an application for Letters Patent of the United States and

having an oath or declaration executed on even date herewith.

bearing U.S. Patent Application No. _____ and filed on

WHEREAS, HY UNDAI MOTOR COMPANY, a corporation of the State of Republic of Korea, having a place of business at 12, Heolleung-ro, Seocho-gu, Seoul, Republic of Korea; KIA MOTORS

CORPORATION, a corporation of the State of Republic of Korea, having a place of business at **12**, **Heolleung-ro**, **Seocho-gu**, **Seoul**, **Republic of Korea**; **Hyundam Industrial Co.**, **Ltd.**, a corporation of the State of Republic of Korea, having a place of business at **5**, **Tojeong-ro 191-gil**, **Yeongin-myeon**, **Asan-si**, **Chungcheongnam-do**, **Republic of Korea** (hereinafter termed "Assignee"), are desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventor (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 Inventor to have been received in full from said Assignee:

1. Said Inventor do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title 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 do hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee 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 shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other

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DB1/63677996.1

PATENT REEL: 031879 FRAME: 0724 assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee 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 in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, their respective heirs, legal representatives and assigns.

4. Said Inventor 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 have executed and delivered this instrument to said Assignee as follows:

Date:	2013.12.10	(1)	RYU, BUYEOL
Date:	2-13, 12. 9	(2)	CHOI, PIL SEON
Date:	20/1.12.9	(3)	RYOO, DONG MYOUNG
Date:		(4)	Jeon, Chan-Yo
- DB1/636	77996 1	Page	2 of 3

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Application No. Attorney Docket No. 060944-6144-US

assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee 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 in providing such cooperation shall be paid for by said Assignee.

The terms and covenants of this assignment shall inure to the benefit of said Assignce, its successors, З. assigns and other legal representatives, and shall be binding upon said Inventor, their respective heirs, legal representatives and assigns.

Said Inventor do hereby jointly and severally warrant and represent that they have not entered and 4. will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventor have executed and delivered this instrument to said Assignee as follows:

		(1)	RYU, BUYEOL
Date:			
		(2)	CHOI, PIL SEON
Date:			
		(3)	RYOO, DONG MYOUNG
Date:			
		(4)	Jeon, Chan-Yo
Date:	2013.12.9		Min

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Application No. Attorney Docket No. 060944-6144-US

 $Date: \underbrace{\mathcal{Y}0/\mathcal{H}, /\mathcal{F}, \mathcal{G}}_{\text{Date:}} (5) \quad \text{Hwang, Yong-Taek} \\ \underbrace{\mathcal{Y}0/\mathcal{H}, /\mathcal{F}, \mathcal{G}}_{\text{Hwang}, Yong-Taek} \\ (6) \quad \text{CHOI, IL-KYU} \\ \underbrace{\mathcal{Y}0/\mathcal{H}, /\mathcal{F}, \mathcal{G}}_{\text{Hwang}, Yong-Taek} \\ (6) \quad \text{CHOI, IL-KYU} \\ \underbrace{\mathcal{Y}0/\mathcal{H}, /\mathcal{F}, \mathcal{G}}_{\text{Hwang}, Yong-Taek} \\ \underbrace{\mathcal{Y}0/\mathcal{H}, /\mathcal{F}, /\mathcal{F}, /\mathcal{F}, \mathcal{F}, /\mathcal{F}, /\mathcal{$

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RECORDED: 01/02/2014

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