502158919 12/11/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Eun Ho LEE	12/10/2012
Jin Kook KONG	12/10/2012
Dong Seok LEE	12/10/2012
Soo Hyung WOO	12/10/2012
Yoonsik WOO	12/10/2012

RECEIVING PARTY DATA

Name:	HYUNDAI MOTOR COMPANY	
Street Address:	eet Address: 231, YANGJAE-DONG, SEOCHO-GU	
City:	SEOUL	
State/Country: KOREA, REPUBLIC OF		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13711488

CORRESPONDENCE DATA

Fax Number: 4154421001

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Phone: 4154421000

Email: proidmaier@morganlewis.com

Correspondent Name: MORGAN, LEWIS & BOCKIUS LLP (SF)
Address Line 1: One Market, Spear Street Tower, Suite 30
Address Line 4: San Francisco, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:	060944-5892-US	
NAME OF SUBMITTER:	Peter F. Roidmaier	

Total Attachments: 2

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PATENT REEL: 029448 FRAME: 0981 .00 13711488

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have been received in full from said Assignee:

ASSIGNMENT (Joint Inventors)

WHEREAS, the undersigned, (1) <i>LEE, EUN HO</i> , resident of 215-1302, Suwon I-parkeity Apt., 1361, Gwonsun-dong, Gwonsun-gu, Suwon-si, Gyeonggi-do, Korea, (2) <i>KONG, JIN KOOK</i> , resident of
306-503, Central Heights Apt., Mangpo-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea, (3)
LEE, DONG SEOK, resident of 402-1004, LG Village Apt., 520, Geumgok-dong, Gwonsun-gu,
LEE, DONG SEOA, ISSUER OI 402-1004, LG VINIGE Apr., 320, Strangor-dong, Gronson-go,
Suwon-si, Gyeonggi-do, Korea, (4) WOO, SOO HYUNG, resident of 4105-1503 Deawon Kantavill Apt.,
Dongback-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Korea, (5) Woo, Yoonsik, resident of 115-103
Seongwon Apt., Sanghyeon 2-dong, Suji-gu, Yongin-si, Gyeonggi-do, Korea (hereinailer termed
"Inventor"), respectively, have invented certain new and useful improvements in [VARIABLE COMPRESSION
RATIO APPARATUS/ and executed therefore an application for Letters Patent of the United States and

**	having an eath or declaration executed on even date herewith.
	bearing U.S. Patent Application No. and filed on
WHERE	IAS, HYUNDAI MOTOR COMPANY, a corporation of the State of Republic of Korea, having
a place of busines	s at 231, Yangiae-dong, Scocho-gu, Scoul, Korea (hereinafter termed "Assignee"), are desirous
of acquiring the e	utive right, title and interest in and to said application and the invention disclosed therein, and in and
o all embodimen	ts of the invention, heretofore conceived, made or discovered jointly or severally by said inventor (all
collectively herei	nafter termed "said invention"), and in and to any and all patents, inventor's certificates and other
forms of protection	on (hereinafter termed "patents") thereon granted in the United States and foreign countries.
NOW, I	HEREFORB, in consideration of good and valuable consideration acknowledged by said Inventor to

- 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 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, infiringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

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- 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:

		(1)	LEE, EUN HO
Date:	December 10, 2012		FEE ETIN HO
Date:	December 10, 2012	(2)	KONG, JIN KOOK
			KONG JIN KOOK
		(3)	LEE, DONG SEOK
Date:	December 10, 2012		LEE DENG SECK
Date:	December 10, 2012	(4)	WOO. SOO HYUNG
			Woo Soo Hyung
		(5)	Woo, Yoonsik
Date:	December 10, 2012		WOO YOON SIK

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RECORDED: 12/11/2012