

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DONGHAN LEE	11/08/2011
SANGGYU YOON	11/08/2011
SUNGJONG HONG	11/08/2011
SANGCHUL KU	11/08/2011

RECEIVING PARTY DATA

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

Name:	KIA MOTORS CORPORATION
Street Address:	231, YANGAE-DONG, SEOCHO-KU
City:	SEOUL
State/Country:	REPUBLIC OF KOREA

Name:	NAMYANG IND. CO., LTD.
Street Address:	390, MOKNAI-DONG, DANWON-GU, KYUNGGI-DO
City:	ANSAN-SHI
State/Country:	REPUBLIC OF KOREA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13294664

CORRESPONDENCE DATA

Fax Number: (415)442-1001

Phone: 4154421000

CH \$40.00 13294664

501721671

PATENT
REEL: 027216 FRAME: 0755

Email: mcarlos@morganlewis.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name: MORGAN, LEWIS & BOCKIUS LLP (SF)

Address Line 1: One Market, Spear Street Tower, Suite 28

Address Line 4: San Francisco, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:

060945-5372US

NAME OF SUBMITTER:

Monica E. Carlos

Total Attachments: 3

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**ASSIGNMENT
(Joint Inventors)**

WHEREAS, the undersigned,

- (1) Donghan LEE, resident of 202-204, YeonwonMaeul Samsung Chereville Apt., Mabuk-dong, Giheung-gu, Yongin-si, Gyeonggi-do 446-558, Republic of Korea,
- (2) Sanggyu YOON, resident of 307-904, Sintree Apt., Sinjeong -dong, Yangcheon-gu, Seoul 158-070, Republic of Korea,
- (3) Sungjong HONG, resident of 25-1003, Sampoong Apt., Seocho-dong, Seocho-gu, Seoul 137-070, Republic of Korea, and
- (4) Sangchul KU, resident of 202, 492-199, Sindaebang 1-dong, Dongjak-gu, Seoul 159-011, Republic of Korea,

respectively, (hereinafter termed "Inventors"), have invented certain new and useful improvements in

UNIQUE MOTOR TYPE MOTOR DRIVE COLUMN APPARATUS 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, **HYUNDAI MOTOR COMPANY**, a corporation of Republic of Korea, having a place of business at 231, Yangae-Dong, Seocho-Ku, Seoul, Republic of Korea,

Kia Motors Corporation, a corporation of Republic of Korea, having a place of business at 231, Yangae-Dong, Seocho-Ku, Seoul, Republic of Korea, and

NAMYANG IND. CO., LTD., a corporation of Republic of Korea, having a place of business at 390, Moknai-Dong, Danwon-Gu, Ansan-shi, Kyunggi-Do, Republic of Korea, (hereinafter termed "Assignees") 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 Inventors (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 Inventors to have been received in full from said Assignees:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignees, 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

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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 Inventors do hereby jointly and severally covenant and agree to cooperate with said Assignees to enable said Assignees to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors 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 Assignees (a) for perfecting in said Assignees 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 Inventors in providing such cooperation shall be paid for by said Assignees.

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

4. Said Inventors 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 Inventors have executed and delivered this instrument to said Assignees as follows:

(1) Donghan LEE

Date: 2011 11 8

0/5/11

State of _____
County of _____

On _____ before me, _____, Notary Public, personally appeared _____ who present to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same as his/her authorized representative, and that by his/her signature on the instrument the person, on the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Public

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(2) Sanggyu YOON

Date: 2011 11 8



State of _____)
County of _____) SS

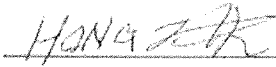
On _____ before me, _____, Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Public

(3) Sungjong HONG

Date: 2011 11 8



State of _____)
County of _____) SS

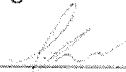
On _____ before me, _____, Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Public

(4) Sangchul KU

Date: 2011 11 8



State of _____)
County of _____) SS

On _____ before me, _____, Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Public