505825783 12/17/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5872613

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HYUNDAI MOTOR COMPANY	12/12/2019

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	
Name: Street Address:	KIA MOTORS CORPORATION 12, HEOLLEUNG-RO, SEOCHO-GU	
Street Address:	12, HEOLLEUNG-RO, SEOCHO-GU	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16717455

CORRESPONDENCE DATA

Fax Number:

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: 312-291-0860

Email: docket-us@lsk-iplaw.com, ejasinska@lsk-iplaw.com **Correspondent Name:** LEMPIA SUMMERFIELD KATZ LLC (HMC/KMC)

Address Line 1: 20 SOUTH CLARK STREET

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ATTORNEY DOCKET NUMBER:	010300-16006B
NAME OF SUBMITTER:	BRYAN J. LEMPIA
SIGNATURE: /Bryan J. Lempia/	
DATE SIGNED:	12/17/2019

PATENT 505825783 REEL: 051308 FRAME: 0713

Total Attachments: 2

source=Joint Assignment as recorded#page1.tif source=Joint Assignment as recorded#page2.tif

PATENT REEL: 051308 FRAME: 0714 Hyundai Counsel Case No.; HMC-16276/US-D1 Atty. Docket No.; 010300-16006B

U.S. Application Serial No.: 16/717,455 Appl. Filing Date: December 17, 2019

ASSIGNMENT

WHEREAS, HYUNDAI MOTOR COMPANY, hereinafter "the Assignor", owns all right, title, and interest in, and in the invention(s) described in, United States patent application Serial No. 15/374,800 entitled STATOR FOR A HIGH EFFICIENCY MOTOR AND MANUFACTURING METHODS THEREOF, and any patents that may issue therefrom for said invention(s) in the United States; together with the entire right, title, and interest in and to all continuations, divisions, renewals, and extensions of any of the patent applications and patents defined above; by virtue of an assignment, executed on December 6, 2016, of all right, title, and interest of the original and sole inventor, Young Min KIM, to the Assignor; said assignment having been recorded at REEL 040696 and FRAME 0162;

WHEREAS, KIA MOTORS CORPORATION, hereinafter called the "Joint Assignce", desires to acquire equal and shared joint ownership, along with the Assignor, of undivided right, title, and interest in and to the invention(s) and all continuations, divisionals, renewals, and extensions of the patent application identified above, and all patents which may be obtained for said invention(s), as set forth below. The Assignor acknowledges that the above U.S. Application Serial No. and/or Application Filing Date of the continuation, divisional, renewal, or extension of the patent application may be added after execution of this Assignment, as needed, and when said information becomes known or available;

NOW. THEREFORE, for what is mutually agreeable to be valuable and legally sufficient consideration, the receipt of which by the Assignor from the Joint Assignee is hereby acknowledged, the Assignor has sold, assigned, and transferred, and by these presents does sell, assign, and transfer to the Joint Assignee, equal and shared joint ownership, along with the Assignor, of undivided right, title, and interest for the United States in and to the invention(s) and all continuations, divisions, renewals, and extensions of the patent application identified above; and any patents that may issue for said invention(s) in the United States; together with the entire right, title, and interest in and to said invention(s) and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignor and Joint Assignee, their successors and assigns, to the full end of the term or terms for all such patents.

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Hyundai Counsel Case No.: HMC-16276/US-D1

U.S. Application Serial No.: 16/717,455

Atty, Docket No.: 010300-16006B

Appl. Filing Date: December 17, 2019

THE ASSIGNOR HEREBY COVENANTS AND AGREES, for both the Assignor and the Assignors' legal representatives, that the Assignor will assist the Joint Assignee in the prosecution of the continuations, divisionals, renewals, and extensions of the patent application identified above; in the making and prosecution of any other patent applications that the Assignor and Joint Assignee may elect to make covering the invention(s) identified above; in vesting in the Assignor and Joint Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference, reissue, reexamination, opposition, or other such proceeding before the U.S Patent and Trademark Office which may arise involving said invention(s), or any such patent application or patent; and that the Assignor will execute and deliver to the Joint Assignee any and all additional papers which may be requested by the Joint Assignee to carry out the terms of this Assignment. The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignor and Joint Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor and Joint Assignee have executed this Assignment.

(Assignor SIGNATURE Algorithm Motor Company Representative)

Songho Song General Manager

(Assignor NAME - Hyundai Motor Company Representative)

(Title/Position)

Dec. 12, 4019

(Joint Assignce SIGNATURE - Kia Motors Corporation Representative)

(Date)

Cangho Song General Manager

(Joint Assignce NAME - Kia Motors Corporation Representative)

(Title/Position)

RECORDED: 12/17/2019

REEL: 051308 FRAME: 0716