

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4524312

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| | |
| Name | Execution Date |
| CHOO SAENG CHOI | 07/26/2017 |
| IL NAM LEE | 07/26/2017 |
| SANG BONG HAN | 07/26/2017 |
| RECEIVING PARTY DATA | |
| Name: | HYUNDAI MOTOR COMPANY |
| Street Address: | 12 HEOLLEUNG-RO, SEOCHO-GU |
| City: | SEOUL |
| State/Country: | KOREA, REPUBLIC OF |
| Name: | KIA MOTORS CORPORATION |
| Street Address: | 12 HEOLLEUNG-RO, SEOCHO-GU |
| City: | SEOUL |
| State/Country: | KOREA, REPUBLIC OF |
| PROPERTY NUMBERS Total: 1 | |
| | |
| Property Type | Number |
| Application Number: | 15662101 |
| CORRESPONDENCE DATA | |
| Fax Number: | (415)442-1001 |
| <i>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.</i> | |
| Phone: | 4154421000 |
| Email: | nina.kong@morganlewis.com |
| 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: | 060944-6900-US |
| NAME OF SUBMITTER: | NINA KONG |
| SIGNATURE: | /Nina Kong/ |
| DATE SIGNED: | 07/27/2017 |
| This document serves as an Oath/Declaration (37 CFR 1.63). | |

Total Attachments: 2

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PATENT

Application No.
Attorney Docket No.060944-6900

ASSIGNMENT-STATEMENT
Under 37 CFR 1.63 and 35 U.S.C. 115

TITLE OF THE INVENTION: FUEL VAPOR PURGE SYSTEM AND METHOD FOR DIAGNOSING LEAKAGE OF FUEL VAPOR USING THE SAME

As the below named inventor(s), I/We hereby declare that:

This Assignment-Statement is directed to:

- The application as filed, or
 United States Patent Application or PCT No. _____ filed on _____.

The above-identified application was made or authorized to be made by me/us.

I/We believe that I am/we are the original inventor(s) of a claimed invention in the application.

I/We hereby acknowledge that any willful false statement made in this Assignment-Statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, the undersigned, (1) Choo Saeng CHOI, resident of #110-303, 275, Dongpangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea, (2) Il Nam LEE, resident of #109-1505, 8-5, Namyangseongji-ro, Namyang-cup, Hwaseong-si, Gyeonggi-do, Korea, (3) Sang Bong HAN, resident of #101-1001, 38, Namyang-ro 621beon-gil, Namyang-cup, Hwasong-si, Gyeonggi-do, Korea (hereinafter termed "Inventor"), respectively, have invented certain new and useful improvements in **FUEL VAPOR PURGE SYSTEM AND METHOD FOR DIAGNOSING LEAKAGE OF FUEL VAPOR USING THE SAME** and executed therefore an application for Letters Patent of the United States and

WHEREAS, **HYUNDAI 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, Hcolleung-ro, Seocho-gu, Seoul, 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

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2024008 / 10.02.11.30 / 2011.07.25 12:55 (UTC+9) / 이 문서는 한국특허청에서 등록된 발명 내용의 일부가 아닌 권리 및 목적을 수 있으며, 무단 시 검사 시국 및 관련 법규에 의해 처벌될 수 있습니다.

PATENT
REEL: 043121 FRAME: 0831

PATENT

Application No.
Attorney Docket No.060944-6900

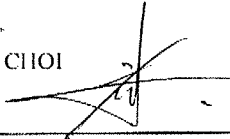
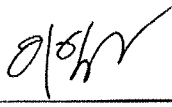

extensions of any of said patents.

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, 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: | <u>26. July, 2017</u> | (1) Choo Saeng CHOI |  |
| Date: | <u>26. July, 2017</u> | (2) Il Nam LEE |  |
| Date: | <u>26. July, 2017</u> | (3) Sang Bong HAN |  |