

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5510310

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|------------------------------|----------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| SEONG WOOK HWANG | 11/29/2018 |
| WOCHURL SON | 11/29/2018 |
| KIJONG PARK | 11/29/2018 |
| SANGWON SEO | 11/29/2018 |
| YONG UK SHIN | 11/29/2018 |
| SEONGWOOK JI | 11/29/2018 |
| KI TAE KIM | 11/29/2018 |
| CHON OK KIM | 11/29/2018 |
| WONMIN CHO | 11/29/2018 |
| MA RU KANG | 11/29/2018 |
| ILHAN YOO | 11/29/2018 |
| JUHYEON PARK | 11/29/2018 |
| MINHO CHAE | 11/29/2018 |
| DONGWOO KIM | 11/29/2018 |
| HYE JIN LIM | 11/29/2018 |
| KI BEEN LIM | 11/29/2018 |
| JIN YONG KIM | 11/29/2018 |
| SOONKI EO | 11/29/2018 |
| KI DONG KIM | 11/29/2018 |
| WOO JIN CHANG | 11/29/2018 |
| YONG SUG CHOI | 11/29/2018 |
| SUN SUNG KWON | 11/29/2018 |

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 |
| Street Address: | 12, HEOLLEUNG-RO, SEOCHO-GU |

PATENT

| | |
|-----------------------|--------------------|
| City: | SEOUL |
| State/Country: | KOREA, REPUBLIC OF |
| Postal Code: | 06797 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|----------------------------|----------|
| Application Number: | 16207885 |

CORRESPONDENCE DATA

Fax Number: (312)321-4299

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: 312-321-4200

Email: usassignments@brinksgilson.com, rpetitt@brinksgilson.com, amiller@brinksgilson.com

Correspondent Name: BRINKS GILSON & LIONE

Address Line 1: 455 N CITYFRONT PLAZA DRIVE

Address Line 2: SUITE 3600

Address Line 4: CHICAGO, ILLINOIS 60611

| | |
|--------------------------------|-------------------|
| ATTORNEY DOCKET NUMBER: | 15438-811 |
| NAME OF SUBMITTER: | SEUNG-HYUN JANG |
| SIGNATURE: | /Seung-Hyun Jang/ |
| DATE SIGNED: | 05/07/2019 |

Total Attachments: 23

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COMBINED ASSIGNMENT & DECLARATION

ASSIGNMENT

WHEREAS, **Seong Wook HWANG, Woochurl SON, Kijong PARK, Sangwon SEO, Yong Uk SHIN, Seongwook JI, Ki Tae KIM, Chon Ok KIM, Wonmin CHO, Ma Ru KANG, Ilhan YOO, Juhyeon PARK, Minho CHAE, Dongwoo KIM, Hye Jin LIM, Ki Been LIM, Jin Yong KIM, Soonki EO, Ki Dong KIM, Woo Jin CHANG, Yong Sug CHOI, and Sun Sung KWON**, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled **POWER TRANSMISSION APPARATUS FOR VEHICLE**, executed by Assignors on the same date as, or on a date prior to, this Assignment;

WHEREAS, Hyundai Motor Company, a corporation organized and existing under the laws of Korea, having a place of business at 12, Heolleung-ro, Seocho-gu, Seoul 06797, Republic of Korea and KIA Motors Corporation of 12, Heolleung-ro, Seocho-gu, Seoul 06797, Republic of Korea, hereinafter called the "Assignees", desire to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, be it known that, for good and valuable consideration the receipt of which by the Assignors from Assignees is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignees, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention 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 entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; 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 Assignees, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignees in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignees may elect to make covering the invention identified above; in vesting in the Assignees like

exclusive title in and to all such other patent applications and patents; and that the Assignors will execute and deliver to the Assignees any and all additional papers which may be requested by the Assignees to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignees in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DECLARATION

As the below-named inventor, I hereby declare that:

This Declaration is directed to the attached application. I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me.

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Further, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

DATE: 2018. 11. 29

SIGNATURE: Seong Wook Hwang
Seong Wook HWANG

DECLARATION

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DATE: 2018, 11, 29

SIGNATURE: Woochurl SON
Woochurl SON

DECLARATION

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DATE: 2018.11.29

SIGNATURE: Kijong PARK.
Kijong PARK

DECLARATION

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DATE: 2018.11.29

SIGNATURE: Sangwon Seo
Sangwon SEO

DECLARATION

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DATE: 2018. 11. 29

SIGNATURE Yong Uk Shin
Yong Uk SHIN

DECLARATION

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DATE: 2018.11.29

SIGNATURE: Seongwook JI
Seongwook JI

DECLARATION

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DATE: 2018. 11. 29

SIGNATURE: Ki Tae Kim
Ki Tae KIM

DECLARATION

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DATE: 2018.11.29

SIGNATURE: Chon Ok KIM
Chon Ok KIM

DECLARATION

As the below-named inventor, I hereby declare that:

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DATE: 2018. 11. 29

SIGNATURE: Won min Cho
Wonmin CHO

DECLARATION

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DATE: 2018, 11.29

SIGNATURE: Ma Ru Kang
Ma Ru KANG

DECLARATION

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DATE: 2018.11.29

SIGNATURE: ILHAN YOO
Ilhan YOO

DECLARATION

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DATE: 2018. 11. 29

SIGNATURE: Juhyeon PARK
Juhyeon PARK

DECLARATION

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DATE: 2018.11.29

SIGNATURE: MINHO CHAE
Minho CHAE

DECLARATION

As the below-named inventor, I hereby declare that:

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DATE: 2018.11.29

SIGNATURE: DONGWOO KIM
Dongwoo KIM

DECLARATION

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DATE: 2018. 11. 29

SIGNATURE: Hye Jin LIM
Hye Jin LIM

DECLARATION

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DATE: 2018.11.29

SIGNATURE: Ki Been Lim
KI BEEN LIM

DECLARATION

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DATE: 2018.11.29

SIGNATURE JIN YONG KIM
Jin Yong KIM

DECLARATION

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

Further, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

DATE: 2018, 11, 29

SIGNATURE: Soonki EO
Soonki EO

DECLARATION

As the below-named inventor, I hereby declare that:

This Declaration is directed to the attached application. I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me.

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DATE: 2018.11.29

SIGNATURE: Ki Dong KIM
Ki Dong KIM

DECLARATION

As the below-named inventor, I hereby declare that:

This Declaration is directed to the attached application. I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me.

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DATE: 2018.11.29

SIGNATURE: WOO JIN CHANG
Woo Jin CHANG

DECLARATION

As the below-named inventor, I hereby declare that:

This Declaration is directed to the attached application. I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me.

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DATE: 2018.11.29

SIGNATURE: Yong sug CHOI
Yong Sug CHOI

DECLARATION

As the below-named inventor, I hereby declare that:

This Declaration is directed to the attached application. I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me.

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DATE: 2018.11.29

SIGNATURE: Sun Sung KWON
Sun Sung KWON