

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6142881

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HEECHANG OH	05/20/2020
DONG HEE HAN	05/22/2020
HYUNJIN KANG	05/22/2020
KWANHEE LEE	05/22/2020
YEONGSEOP PARK	05/22/2020
SEUNGWOO HONG	05/22/2020
JONGHYEOK LEE	05/20/2020
YONG KAK CHOI	05/22/2020
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
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	06797
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16895665
CORRESPONDENCE DATA	
Fax Number:	(617)542-2241
<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:	(617) 348-1859
Email:	IPDocketingBOS@mintz.com
Correspondent Name:	MINTZ LEVIN
Address Line 1:	ONE FINANCIAL CENTER
PATENT	

Address Line 4: BOSTON, MASSACHUSETTS 02111

ATTORNEY DOCKET NUMBER: 058299-517001US

NAME OF SUBMITTER: PETER F. CORLESS

SIGNATURE: /Peter F. Corless/

DATE SIGNED: 06/08/2020

Total Attachments: 11

source=assign#page1.tif

source=assign#page2.tif

source=assign#page3.tif

source=assign#page4.tif

source=assign#page5.tif

source=assign#page6.tif

source=assign#page7.tif

source=assign#page8.tif

source=assign#page9.tif

source=assign#page10.tif

source=assign#page11.tif

**COMBINED ASSIGNMENT & DECLARATION
FOR UTILITY OR DESIGN PATENT APPLICATION**

ASSIGNMENT

THIS ASSIGNMENT, made this 25 day of MAY, 2020, by,

1. Heechang OH of #111-2501, 24, Hwasan-ro, Paldal-gu, Suwon-si, Gyeonggi-do, Korea;
2. Dong Hee HAN of #802-702, 153, Dongpangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea;
3. Hyunjin KANG of #105-702, 59, Sicheong-ro 32beon-gil, Namyang-eup, Hwaseong-si, Gyeonggi-do, Korea;
4. Kwanhee LEE of #305, 104, Jangdari-ro, Gwonseon-gu, Suwon-si, Gyeonggi-do, Korea;
5. Yeongseop PARK of #101-707, 15, Songpa-daero 32-gil, Songpa-gu, Seoul, Korea;
6. Seungwoo HONG of #104-804, 435, Olympic-ro, Songpa-gu, Seoul, Korea;
7. Jonghyeok LEE of #201-704, 11, Sicheong-ro 102beon-gil, Namyang-eup, Hwaseong-si, Gyeonggi-do, Korea; and
8. Yong Kak CHOI of #401, 29, Guksabong 6-gil, Dongjak-gu, Seoul, Korea

(hereinafter referred to as Assignor)

WHERE AS, Assignor has invented certain new and useful improvements in **APPARATUS OF CONTROLLING HYBRID VEHICLE HAVING ELECTRIC SUPERCHARGER AND METHOD THEREOF** set forth in a Patent application for Letters Patent of the United States, already filed on _____ as U.S. Application No. _____; and

WHERE AS, **HYUNDAI MOTOR COMPANY**, a corporation organized under and pursuant to the laws of the Republic of Korea, having its principal place of business at 12, Heolleung-ro, Seocho-gu, Seoul, Republic of Korea; and **KIA MOTORS CORPORATION**, a corporation organized under and pursuant to the laws of the Republic of Korea, having its principal place of business at 12, Heolleung-ro, Seocho-gu, Seoul, Republic of Korea (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold,

assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the

Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:

**APPARATUS OF CONTROLLING HYBRID VEHICLE HAVING
ELECTRIC SUPERCHARGER AND METHOD THEREOF**

the specification of which was filed on _____ as Application No.
_____.

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

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56.

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.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request the attorneys/agent(s) at Mintz Levin Cohn Ferris Glovsky and Popeo, P.C., One Financial Center, Boston, Massachusetts 02111, to insert the filing date and/ or Application No. of said application into this document.

Date: May 26, 2020



Heechang OH

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:

**APPARATUS OF CONTROLLING HYBRID VEHICLE HAVING
ELECTRIC SUPERCHARGER AND METHOD THEREOF**

the specification of which was filed on _____ as Application No.
_____.

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

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56.

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.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request the attorneys/agent(s) at Mintz Levin Cohn Ferris Glovsky and Popeo, P.C., One Financial Center, Boston, Massachusetts 02111, to insert the filing date and/ or Application No. of said application into this document.



Dong Hee HAN

Date: MAY 22, 2020

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:

**APPARATUS OF CONTROLLING HYBRID VEHICLE HAVING
ELECTRIC SUPERCHARGER AND METHOD THEREOF**

the specification of which was filed on _____ as Application No.
_____.

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

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56.

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.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request the attorneys/agent(s) at Mintz Levin Cohn Ferris Glovsky and Popeo, P.C., One Financial Center, Boston, Massachusetts 02111, to insert the filing date and/ or Application No. of said application into this document.

Date: 22 May 2020

Hyunjin Kang
Hyunjin KANG

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:

**APPARATUS OF CONTROLLING HYBRID VEHICLE HAVING
ELECTRIC SUPERCHARGER AND METHOD THEREOF**

the specification of which was filed on _____ as Application No.
_____.

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

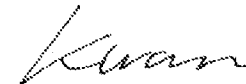
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56.

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.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request the attorneys/agent(s) at Mintz Levin Cohn Ferris Glovsky and Popeo, P.C., One Financial Center, Boston, Massachusetts 02111, to insert the filing date and/ or Application No. of said application into this document.



Kwanhee LEE

Date: 22 MAY 2020

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:

**APPARATUS OF CONTROLLING HYBRID VEHICLE HAVING
ELECTRIC SUPERCHARGER AND METHOD THEREOF**

the specification of which was filed on _____ as Application No.
_____.

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

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56.

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.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request the attorneys/agent(s) at Mintz Levin Cohn Ferris Glovsky and Popeo, P.C., One Financial Center, Boston, Massachusetts 02111, to insert the filing date and/ or Application No. of said application into this document.

Yeongseop Park
Yeongseop PARK

Date: 22 May 2020

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:

**APPARATUS OF CONTROLLING HYBRID VEHICLE HAVING
ELECTRIC SUPERCHARGER AND METHOD THEREOF**

the specification of which was filed on _____ as Application No.

_____.

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

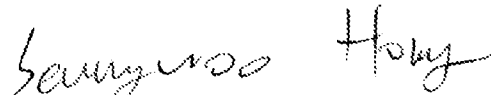
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56.

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.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request the attorneys/agent(s) at Mintz Levin Cohn Ferris Glovsky and Popeo, P.C., One Financial Center, Boston, Massachusetts 02111, to insert the filing date and/ or Application No. of said application into this document.



Seungwoo HONG

Date: May 22, 2020

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:

**APPARATUS OF CONTROLLING HYBRID VEHICLE HAVING
ELECTRIC SUPERCHARGER AND METHOD THEREOF**

the specification of which was filed on _____ as Application No.
_____.

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

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

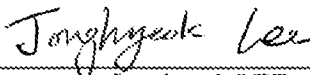
I have reviewed and understand the contents of the above-identified application.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56.

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.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request the attorneys/agent(s) at Mintz Levin Cohn Ferris Glovsky and Popeo, P.C., One Financial Center, Boston, Massachusetts 02111, to insert the filing date and/ or Application No. of said application into this document.

Date: May 20, 2020



Jonghyeok LEE

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:

**APPARATUS OF CONTROLLING HYBRID VEHICLE HAVING
ELECTRIC SUPERCHARGER AND METHOD THEREOF**

the specification of which was filed on _____ as Application No.
_____.

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

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56.

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.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request the attorneys/agent(s) at Mintz Levin Cohn Ferris Glovsky and Popeo, P.C., One Financial Center, Boston, Massachusetts 02111, to insert the filing date and/ or Application No. of said application into this document.

Date: 22 MAY 2020



Yong Kak CHOI