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# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SOOBIN KIM	09/07/2021
ROWOON AN	09/07/2021
ILSUN SONG	09/07/2021
JAE YUL WOO	09/07/2021
SEUNGHYUN WOO	09/07/2021

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

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17475694

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	HYU-0755US01-SL	
NAME OF SUBMITTER:	GINA MARTINEZ	
SIGNATURE:	/Gina Martinez/	
DATE SIGNED:	09/15/2021	
Total Attachments: 10	Total Attachments: 10	
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source=HYU-0755US01-SL_Declaration	n_Assignment#page2.tif	
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As a below named inventor, I, Soobin Kim, residing at #104-302, 83, Hancheon-ro 109-gil, Gangbuk-gu, Seoul, 01227, Republic of Korea, a citizen of the Republic of Korea, make the following declaration and assignment.

I declare	that this declaration is directed to:
	☑ The attached application, or
	☐ United States application number or PCT international application numberfiled on
The abov	ve~identified application was made or authorized to be made by me.
I believe applicati	that I am the original inventor or an original joint inventor of a claimed invention in the on.
I have re	viewed and understand the contents of the application, including the claims.
	are of the duty to disclose to the U.S. Patent and Trademark Office all information known be material to patentability as defined in 37 C.F.R. §1.56.
	ments made of my own knowledge are true and all statements made on information and believed to be true.
validity o	acknowledge that any willful false statement made in this declaration may jeopardize the of the application or any patent issuing thereon and is punishable under 18 U.S.C. §1001 by aprisonment of not more than five (5) years, or both.
existing	sell, assign, and transfer to <b>Hyundai Motor Company</b> , a corporation organized and under the laws of the Republic of Korea, having its principal place of business at 12, 1g-ro, Seocho-gu, Seoul, 06797, Republic of Korea, and <b>Kia Corporation</b> , a corporation

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organized and existing under the laws of the Republic of Korea, having its principal place of

my patent application, and in and to the application and all non-provisional, divisional,

continuation, continuation-in-part, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on

business at 12, Heolleung-ro, Seocho-gu, Seoul, 06797, Republic of Korea, hereinafter "Assignee," its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in

I agree that Assignee may apply for and receive Letters Patent for the improvements in its own name, and that, when requested, without charge to but at the expense of the Assignee, their successors, assigns, and legal representatives to carry out in good faith the intent and purpose of this agreement, I will execute all non-provisional, divisional, continuation, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to the Assignee, its successors, assigns, and representatives, all facts known to me relating to the improvements and the history thereof; and generally do everything possible which the Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the improvements and all applications for patents and all patents on the improvements, in the Assignee, its successors, assigns, and legal representatives.

I covenant with the Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

Soobin Kim

September 11th 2021

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As a below named inventor, I, Rowoon An, residing at 347, Jong-ro, Jongno-gu, Seoul, 03113, Republic of Korea, a citizen of the Republic of Korea, make the following declaration and assignment.

I declare th	at this declaration is directed to:
⊠	The attached application, or
	United States application number or PCT international application number
	filed on
The above-	identified application was made or authorized to be made by me.
I believe th	at I am the original inventor or an original joint inventor of a claimed invention in th $\cdot$
I have revie	ewed and understand the contents of the application, including the claims.
I am aware	of the duty to disclose to the U.S. Patent and Trademark Office all information knows
to me to be	material to patentability as defined in 37 C.F.R. §1.56.
All stateme	ents made of my own knowledge are true and all statements made on information and
belief are b	elieved to be true.
I hereby ac	knowledge that any willful false statement made in this declaration may jeopardize the
validity of t	he application or any patent issuing thereon and is punishable under 18 U.S.C. §1001 by
fine or imp	risonment of not more than five (5) years, or both.
I hereby sel	ll, assign, and transfer to <b>Hyundai Motor Company</b> , a corporation organized and
existing un	der the laws of the Republic of Korea, having its principal place of business at 12,
Heolleung-	ro, Seocho-gu, Seoul, 06797, Republic of Korea, and Kia Corporation, a corporation
organized a	and existing under the laws of the Republic of Korea, having its principal place of
business at	12, Heolleung-ro, Seocho-gu, Seoul, 06797, Republic of Korea, hereinafter "Assignee,"
its successo	rs, assigns and legal representatives, the entire right, title and interest in and for the
United Stat	es and all foreign countries, in and to any and all improvements which are disclosed in
my patent a	application, and in and to the application and all non-provisional, divisional,

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continuation, continuation-in-part, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on

I agree that Assignee may apply for and receive Letters Patent for the improvements in its own name, and that, when requested, without charge to but at the expense of the Assignee, their successors, assigns, and legal representatives to carry out in good faith the intent and purpose of this agreement, I will execute all non-provisional, divisional, continuation, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to the Assignee, its successors, assigns, and representatives, all facts known to me relating to the improvements and the history thereof; and generally do everything possible which the Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the improvements and all applications for patents and all patents on the improvements, in the Assignee, its successors, assigns, and legal representatives.

I covenant with the Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

Rowoon An Suptember 7th 2021

Date

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As a below named inventor, I, Ilsun Song, residing at #401-502, 95, Tancheon-ro, Bundang-gu, Gyeonggi-do, Seongnam-si, 13523, Republic of Korea, a citizen of the Republic of Korea, make the following declaration and assignment.

i deciare	nat ans decaration is directed to:
D	l The attached application, or
Ε	United States application number or PCT international application number
	filed on
The above	identified application was made or authorized to be made by me.
I believe ( applicatio	hat I am the original inventor or an original joint inventor of a claimed invention in then.
I have rev	iewed and understand the contents of the application, including the claims.
I am awa	e of the duty to disclose to the U.S. Patent and Trademark Office all information know
to me to b	e material to patentability as defined in 37 C.F.R. §1.56.
All staten	ents made of my own knowledge are true and all statements made on information and
belief are	believed to be true.
I hereby a	cknowledge that any willful false statement made in this declaration may jeopardize the
validity of	the application or any patent issuing thereon and is numishable under 18 U.S.C. Signa by

I hereby sell, assign, and transfer to **Hyundai Motor Company**, a corporation organized and existing under the laws of the Republic of Korea, having its principal place of business at 12, Heolleung-ro, Seocho-gu, Seoul, 06797, Republic of Korea, and **Kia Corporation**, a corporation organized and existing under the laws of the Republic of Korea, having its principal place of business at 12, Heolleung-ro, Seocho-gu, Seoul, 06797, Republic of Korea, hereinafter "Assignee," its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in my patent application, and in and to the application and all non-provisional, divisional, continuation, continuation-in-part, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on

fine or imprisonment of not more than five (5) years, or both.

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I agree that Assignee may apply for and receive Letters Patent for the improvements in its own name, and that, when requested, without charge to but at the expense of the Assignee, their successors, assigns, and legal representatives to carry out in good faith the intent and purpose of this agreement, I will execute all non-provisional, divisional, continuation, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to the Assignee, its successors, assigns, and representatives, all facts known to me relating to the improvements and the history thereof; and generally do everything possible which the Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the improvements and all applications for patents and all patents on the improvements, in the Assignee, its successors, assigns, and legal representatives.

I covenant with the Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

Ilsun Song

-wd

deptember 7th 2021

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As a below named inventor, I, Jae Yul Woo, residing at #106-1303, 22, Scolleung-ro 126-gil, Gangnam-gu, Seoul, 06092, Republic of Korea, a citizen of the Republic of Korea, make the following declaration and assignment.

I declare tha	t this declaration is directed to:
⊠	The attached application, or
	United States application number or PCT international application number
	filed on
The above-io	lentified application was made or authorized to be made by me.
I believe tha application.	t I am the original inventor or an original joint inventor of a claimed invention in the
I have review	red and understand the contents of the application, including the claims.
	of the duty to disclose to the U.S. Patent and Trademark Office all information known naterial to patentability as defined in 37 C.F.R. §1.56.
	ts made of my own knowledge are true and all statements made on information and leved to be true.
validity of th	nowledge that any willful false statement made in this declaration may jeopardize the e application or any patent issuing thereon and is punishable under 18 U.S.C. §1001 by sonment of not more than five (5) years, or both.
	assign, and transfer to <b>Hyundai Motor Company</b> , a corporation organized and er the laws of the Republic of Korea, having its principal place of business at 12,
organized an	o, Seocho-gu, Seoul, 06797, Republic of Korea, and <b>Kia Corporation</b> , a corporation d existing under the laws of the Republic of Korea, having its principal place of 2, Heolleung-ro, Seocho-gu, Seoul, 06797, Republic of Korea, hereinafter "Assignee,"
its successor	s, assigns and legal representatives, the entire right, title and interest in and for the

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United States and all foreign countries, in and to any and all improvements which are disclosed in

my patent application, and in and to the application and all non-provisional, divisional,

continuation, continuation-in-part, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on

I agree that Assignee may apply for and receive Letters Patent for the improvements in its own name, and that, when requested, without charge to but at the expense of the Assignee, their successors, assigns, and legal representatives to carry out in good faith the intent and purpose of this agreement, I will execute all non-provisional, divisional, continuation, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to the Assignee, its successors, assigns, and representatives, all facts known to me relating to the improvements and the history thereof; and generally do everything possible which the Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the improvements and all applications for patents and all patents on the improvements, in the Assignee, its successors, assigns, and legal representatives.

I covenant with the Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

September 17th

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As a below named inventor, I, Seunghyun Woo, residing at #207-1202, 135, Olympic-ro, Songpagu, Seoul, 05502, Republic of Korea, a citizen of the Republic of Korea, make the following declaration and assignment.

i declare tha	t this declaration is directed to:
⊠	The attached application, or
	United States application number or PCT international application number
	filed on
The above-ic	lentified application was made or authorized to be made by me.
I believe tha application.	t I am the original inventor or an original joint inventor of a claimed invention in the
I have review	ved and understand the contents of the application, including the claims.
I am aware e	of the duty to disclose to the U.S. Patent and Trademark Office all information known
to me to be r	naterial to patentability as defined in 37 C.F.R. §1.56.
All statemen	ts made of my own knowledge are true and all statements made on information and
belief are bel	ieved to be true.
I hereby ack	nowledge that any willful false statement made in this declaration may jeopardize the
validity of th	e application or any patent issuing thereon and is punishable under 18 U.S.C. §1001 by
fine or impri	sonment of not more than five (5) years, or both.
I hereby sell,	assign, and transfer to <b>Hyundai Motor Company</b> , a corporation organized and
existing und	er the laws of the Republic of Korea, having its principal place of business at 12,
Heolleung-r	o, Seocho-gu, Seoul, 06797, Republic of Korea, and <b>Kia Corporation</b> , a corporation
organized an	id existing under the laws of the Republic of Korea, having its principal place of
business at 1	2, Heolleung-ro, Seocho-gu, Seoul, 06797, Republic of Korea, hereinafter "Assignee,"
its successor	s, assigns and legal representatives, the entire right, title and interest in and for the
United State	s and all foreign countries, in and to any and all improvements which are disclosed in

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my patent application, and in and to the application and all non-provisional, divisional,

continuation, continuation-in-part, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on

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I covenant with the Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

Seunghyun Woo

Septenhi 7th 2021

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