506725654 06/21/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GENE BACK HAHN	05/24/2021
HYUK MIN SON	05/24/2021

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 MOTORS CORPORATION
Street Address:	12, HEOLLEUNG-RO, SEOCHO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	06797
Name:	WONKWANG UNIVERSITY CENTER FOR INDUSTRY-ACADEMY COOPERATION
Street Address:	460, IKSAN-DAERO
City:	IKSAN, JEOLLABUK-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	54538

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17416824

CORRESPONDENCE DATA

Fax Number: (617)542-2241

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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506725654 REEL: 056604 FRAME: 0463

PATENT

Address Line 4: BOSTON, MASSACHUSETTS 02111	
ATTORNEY DOCKET NUMBER:	049496-647N01US
NAME OF SUBMITTER:	PETER F. CORLESS
SIGNATURE:	/Peter F. Corless/
DATE SIGNED:	06/21/2021
Total Attachments: 5 source=assign#page1.tif source=assign#page2.tif source=assign#page3.tif source=assign#page4.tif source=assign#page5.tif	

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made this	day of	<u>, 2021,</u> by <u>HAHN,</u>	Gene Back and
SON, Hyuk Min residing at 150, Hyur	ndai-yeonguso-ro,	Namyang-eup, Hwaseon	ng-si, Gyeonggi
do 18280, Republic of Korea and 1	06-2302, 17, Sec	onhwa-ro, Iksan-si, Jeol	labuk-do 54653
Republic of Korea;			
WHEREAS, Assignor has	invented certain r	new and useful improven	nents in
METHOD AND APPARATUS FOR T	RANSMITTING A	AND RECEIVING HARO) RESPONSE
IN SIDELINK COMMUNICATION, s	et forth in a Paten	t application for Letters l	Patent of the
United States, already filed on	as	U.S. Application No	<u> </u>
and			

WHEREAS, (1) HYUNDAI MOTOR COMPANY organized under and pursuant to the laws of Republic of Korea having its principal place of business at 12, Heolleung-ro, Seochogu, Seoul 06797, Republic of Korea; (2) KIA CORPORATION organized under and pursuant to the laws of Republic of Korea having its principal place of business at 12, Heolleung-ro, Seochogu, Seoul 06797, Republic of Korea and (3) WONKWANG UNIVERSITY CENTER FOR INDUSTRY-ACADEMY COOPERATION organized under and pursuant to the laws of Republic of Korea having its principal place of business at 460, Iksan-daero, Iksan-si, Jeollabuk-do 54538, 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 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 hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply

with the rules of the United States Patent and Trademark Office for recordation of this document:

All practitioners at Customer Number:

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

May 24, 2021	tole.	
Date	HÅHN, Gene Back	
Witness:		
Date		
May 24, 2021 Date	SON, Hyuk Min	****
Witness:		
Data		reje

May 24, 2021	
Date	HAHN, Gene Back
Witness:	
Date	
May 24, 2021	Hyukmin Son
Date	SON, Hyuk Min
Witness:	
Date	