508115770 09/12/2023

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHI HWAN KIM	09/12/2023

RECEIVING PARTY DATA

Name:	HYUNDAI MOTOR COMPANY
Street Address:	12, HEOLLEUNG-RO
Internal Address:	SEOCHO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	06797
Name:	KIA CORPORATION
Street Address:	12, HEOLLEUNG-RO
Internal Address:	SEOCHO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	06797

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18367236

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	CARRAH MALONE
SIGNATURE:	/Carrah Malone/

PATENT 508115770 REEL: 064878 FRAME: 0550

DATE SIGNED:	09/12/2023
Total Attachments: 3	
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PATENT REEL: 064878 FRAME: 0551

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE(S) to ASSIGNOR(S) of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged, by this document

ASSIGNOR(S):	
Name	Address
Chi Hwan Kim	106-502, 184, Migeum-ro, Bundang-gu, Seongnam, Gyeonggi-do, 13629, REPUBLIC OF KOREA
assigns and transfers to:	
ASSIGNEE(S):	
Name	Address
Hyundai Motor Company	12, Heolleung-ro, Seocho-gu, Seoul, 06797, REPUBLIC OF KOREA
Kia Corporation	12, Heolleung-ro, Seocho-gu, Seoul, 06797, REPUBLIC OF KOREA

the entire right, title and interest in and to the invention entitled:

NAVIGATION SYSTEM AND ROUTE SEARCH METHOD THEREOF

and which is found in (check one or more):

, , , , , , , , , , , , , , , , , , ,	the U.S. patent application filed with this assignment document U.S. patent application no., filed
,,,,,,,,,	International patent application no., filed
	U.S. patent no., issued

and in and to

- all patent applications filed and letters patent obtained for the invention, whether
 foreign and domestic, and all continuations, continuations-in-part, divisions,
 renewals, reissues, re-examinations, or substitutes of any such patent or patent
 application; and any patents and patent applications to which any such patent or
 patent application claims priority;
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- the right to apply for patents and inventor certificates relating to the invention, and the right to claim priority to all applications throughout the world in respect of the invention; and
- the right to sue and recover any and all damages and profits, and any and all other remedies, for past, present, or future infringements of patents directed to the invention.

ASSIGNOR(S) authorizes ASSIGNEE(S) or its legal representative to insert in this instrument the filing date, serial number, and any other information that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office or any other domestic or foreign government entity for the recordation of this document.

ASSIGNOR(S) warrants and agrees that:

- no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;
- upon request, ASSIGNOR(S) will promptly provide ASSIGNEE(S) with all pertinent facts and documents relating to the invention as may be known and accessible to ASSIGNOR(S);
- ASSIGNOR(S) will, at ASSIGNEE(S)'S expense, testify as to the same in any interference, litigation or proceeding related to the invention;
- ASSIGNOR(S) will promptly execute and deliver to ASSIGNEE(S), its assigns or its legal representatives, without further or additional consideration, any and all papers, instruments or affidavits required, render all necessary assistance, and do such additional acts as ASSIGNEE(S) or its successors or assigns may deem necessary or desirable, to apply for, obtain, maintain, issue and enforce any resulting patents or patent applications; and
- ASSIGNOR(S) hereby waive all rights to challenge validity of said invention, and any and all patents covering the invention that may issue in the future in the United States.

ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks and any foreign counterpart to issue any and all letters patent for the invention to ASSIGNEE(S), for ASSIGNEE(S)'S sole use and benefit, and for the use and benefit of ASSIGNEE(S)'S successors and assigns, to the full end of the term for which such patent may be granted.

ASSIGNOR(S) hereby irrevocably appoint ASSIGNEE(S), with full power of substitution, as ASSIGNOR(S)' true and lawful attorney-in-fact in ASSIGNOR(S)' name, place and stead to make, execute, assign, record and file, on ASSIGNOR(S)' behalf and for the benefit of ASSIGNEE(S), such documents confirming Assignee(s)'s ownership-rights that may be necessary or useful in ASSIGNEE(S)'s discretion. This <u>Power of Attorney</u> includes, but is not limited to, applying for, securing, maintaining, reissuing extending, or defending ASSIGNEE(S)'s worldwide rights in the invention in any country worldwide, so as to secure to ASSIGNEE(S) the full benefits of the invention and otherwise to carry into full force and effect the text and the intent of this assignment. This grant of authority is a special power of attorney coupled with an interest, is irrevocable and shall survive the incapacity of ASSIGNOR, may be exercised by any representative of ASSIGNEE(S) on behalf of ASSIGNOR(S) by a facsimile or electronic signature, and shall survive any relationship between Assignor and ASSIGNEE(S).

ASSIGNOR(S) agree that this document shall bind and inure to the benefit of the heirs, assigns and legal representatives of both ASSIGNOR(S) and ASSIGNEE(S).

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Date: 12568 2023 Signature: Chi Hwan Kim