506956621 11/02/2021 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7003459

SUBMISSION TYPE:		NEW ASSIGNME	ENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	ΔΤΑ				
		Name		Execution Date	
NAM HYUNG LEE				09/27/2021	
SUNG MOON JANG				09/27/2021	
RECEIVING PARTY D	ΑΤΑ				
Name:	HYUN	HYUNDAI MOTOR COMPANY			
Street Address:	12, HE	12, HEOLLEUNG-RO, SEOCHO-GU			
City:	SEOU	SEOUL			
State/Country:	KORE	KOREA, REPUBLIC OF			
Postal Code:	06797	06797			
Name:	KIA C	KIA CORPORATION			
Street Address:	12, HE	12, HEOLLEUNG-RO, SEOCHO-GU			
City:	SEOU	SEOUL			
State/Country:	KORE	KOREA, REPUBLIC OF			
Postal Code:	06797				
PROPERTY NUMBERS		Numbe	r		
Application Number: 17		17517552			
CORRESPONDENCE	DATA	(202)739-3001			
Correspondence will l using a fax number, if				uccessful, it will be sent	
Phone:	provide	2027393000	iui, it will be sen	t via US man.	
Email:		wapatents@morganlew	vis.com, angie.elli	s@morganlewis.com	
•		MORGAN, LEWIS & B	-	~	
Address Line 1:		1111 PENNSYLVANIA	AVENUE, NW		
		WASHINGTON, D.C. 2	0004		
Address Line 4:					
		123222-5630-US			
ATTORNEY DOCKET N		123222-5630-US ANGELA Y. ELL			
Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER: SIGNATURE:					

ASSIGNMENT (Joint Inventors)

WHEREAS, the undersigned, (1) LEE, Nam Hyung, resident of 205, 23-14, Nakseongdaeyeok 10-gil, Gw anak-gu, Seoul 08798, Republic of Korea, and (2) JANG, Sung Moon, resident of A-406, 100, Jeongjail-ro, Bundan g-gu, Seongnam-si, Gyeonggi-do 13562, Republic of Korea (hereinafter termed "Inventors"), respectively, have inve nted certain new and useful improvements in

LANE RECOGNITION DEVICE AND METHOD BASED ON LIDAR FOR VEHICLE

and executed therefore an application for Letters Patent of the United States and

having an oath or declaration executed on even date herewith.

bearing U.S. Patent Application No. _____ and filed on _____

WHEREAS, Hyundai Motor Company, a corporation of the Republic of Korea, having a place of business at 12, Heolleung-ro, Scocho-gu, Scoul 06797, Republic of Korea, and Kia Corporation, a corporation of the Republic of Korea, having a place of business at 12, Heolleung-ro, Scocho-gu, Scoul 06797, Republic of Korea (hereinafter termed "Assignee(s)"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignce:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors do hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right,

DB1/63677996.1

Page 1 of 2

PATENT REEL: 058000 FRAME: 0190

title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors do hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee as follows:

Date:	09/21/2021
State of) ///

County of

(1)LEE, Nam Hyung

On ______, before ms, ______, Notory Public, personally appeared ______, who proved to me on the basis of assizhedory evidence to be the person whose mens is subcribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity/ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY order the laws of the State of California that the foregoing paragraph is the and cornect.

WITNESS my band and official seal.

Notary Poldic

(2)JANG, Sung Moon

09/27/2021 Date:

State of ______) SS County of ______)

WITNESS my hand and official seal.

Notary Public

DB1/63677996.1

Page 2 of 2

RECORDED: 11/02/2021