

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KYOUNG JUN LEE	09/04/2018
CHANGHO KIM	09/04/2018
YOON SOO KIM	09/29/2018
SEUNG WOOK PARK	09/29/2018
IN YONG JUNG	09/29/2018
MIN BYEONG LEE	09/29/2018

RECEIVING PARTY DATA

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Street Address:	12, HEOLLEUNG-RO, SEOCHO-GU
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State/Country:	KOREA, REPUBLIC OF
Postal Code:	06797
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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:	15690648

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NAME OF SUBMITTER:	PETER F. CORLESS
SIGNATURE:	/Peter F. Corless/
DATE SIGNED:	10/03/2018
Total Attachments: 3 source=assign#page1.tif source=assign#page2.tif source=assign#page3.tif	

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this _____ day of _____, _____, by Kyoung Jun Lee; Changho Kim; Yoon Soo Kim; Seung Wook Park; In Yong Jung; and Min Byeong Lee (hereinafter referred to as Assignors), residing at #101-403, 16, Sindorim-ro, 19-gil, Guro-gu, Seoul, REPUBLIC OF KOREA 08201; #A-3505, 662, Gyeongin-ro, Guro-gu, Seoul, REPUBLIC OF KOREA; #109-1101, 21, Ichon-ro, 87-gil, Yongsan-gu, Seoul, REPUBLIC OF KOREA 04423; #103-1401, 157, Seongbok, 1-ro, Suji-gu, Yongin, Gyeonggi-Do, REPUBLIC OF KOREA 16854; #103-1301, 33, Central park-ro, Yeongtong-gu, Suwon, Gyeonggi-Do, REPUBLIC OF KOREA; and #503-1402, 361, Buljeong-ro, Bundang-gu, Seongnam, Gyeonggi-Do, REPUBLIC OF KOREA 13586, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in APPARATUS AND METHOD FOR IMPLEMENTING LCDAS, set forth in a Patent application for Letters Patent of the United States, filed herewith; and

WHEREAS, Hyundai Motor Company and Kia Motors Corporation, having a principal places of business at 12, Heolleung-ro, Seocho-gu, Seoul, REPUBLIC OF KOREA 06797; and 12, Heolleung-ro, Seocho-gu, Seoul, REPUBLIC OF KOREA, respectively (hereinafter referred to as Assignees), are 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, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignees, their 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 Assignees, for their own use and benefit and the use and benefit of their 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 Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignees, their 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 Assignees under law or that have already been transferred to Assignees, Assignors are the sole and lawful owners 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 Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignees, their successors, legal representatives and assigns, that Assignors 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 Assignees, their successors, legal representatives and assigns, whenever counsel of Assignees, or counsel of their 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 Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignees, as Assignees of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignees, their successors, legal representatives and assigns.

AND Assignors hereby grant 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:

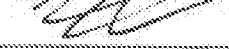
MINTZ LEVIN COHN FERRIS GLOVSKY AND POPEO, P.C.


All practitioners at Customer Number 100807

AND Assignees acknowledge an obligation of assignment of this invention to Assignees at the time the invention was made.

Date: SEP 24th, 2017 Signature: 
Kyoung Jun Lee

Date: SEP 24, 2017 Signature: 
Changho Kim

Date: 29 SEP, 2017 Signature: 
Yoon Soe Kim

Date: 29 Sep. 2017 Signature: 
Seung Wook Park

Date: 29. Sep. 2017 Signature: 
In Yong Jung

Date: 29. Sep, 2017 Signature: 
Min Dyeoung Lee

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