

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HAN SEOK KO	03/22/2017
DU BOK PARK	03/22/2017
CHEOL JONG YANG	03/22/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KOREA UNIVERSITY RESEARCH AND BUSINESS FOUNDATION
<b>Street Address:</b>	145, ANAM-RO, SEONGBUK-GU
<b>City:</b>	SEOUL
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	02841
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15465819
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	149717.00013
<b>NAME OF SUBMITTER:</b>	OLGA AYALA
<b>SIGNATURE:</b>	/Olga Ayala/
<b>DATE SIGNED:</b>	03/22/2017
<b>Total Attachments: 2</b>	
source=Assignment#page1.tif	
source=Assignment#page2.tif	

## ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE 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
Han Seok KO	103dong 1502ho, 30, Ichon-ro 88-gil, Yongsan-gu, Seoul, 04426, Republic of Korea
Du Bok PARK	107dong 601ho, 15, Songpa-daero 32-gil, Songpa-gu, Seoul, 05710, Republic of Korea
Cheol Jong YANG	299, Sillije-ro Namwon-eup, Seogwipo-si, Jeju-do, 63608, Republic of Korea

assigns and transfers to:

ASSIGNEE:

Korea University Research and Business Foundation	145, Anam-ro, Seongbuk-gu, Seoul 02841 Republic of Korea
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the entire right, title and interest in and to the invention entitled: *METHOD AND APPARATUS FOR COLLECTING TRAFFIC INFORMATION FROM BIG DATA OF OUTSIDE IMAGE OF VEHICLE*

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

- the U.S. patent application filed with this assignment document
- U.S. patent application no. 15/465,819, filed March 22, 2017
- 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, continuation-in-part divisions, renewals, reissues, re-examinations, or substitutes of any such patent or patent application;
- all rights to any legal equivalent thereof in a foreign country such as patents of addition, utility models, patents of importation, revalidation patents and inventor certificates;
- 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 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.

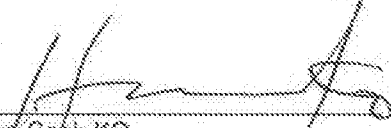
ASSIGNOR(S) warrants and agrees that:

- 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 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 expense, testify as to the same in any interference, litigation or proceeding related to the invention; and
- ASSIGNOR(s) will promptly execute and deliver to ASSIGNEE, 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 or its successors or assigns may deem necessary or desirable, to apply for, obtain, maintain, issue and enforce any resulting patents or patent applications.

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, for ASSIGNEE's sole use and benefit, and for the use and benefit of ASSIGNEE's successors and assigns, to the full end of the term for which any such patent may be granted.

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

Name:   
Han Seok KO

Date: 3.22.2017

Name:   
Du Bok PARK

Date: 3.22.2017

Name:   
Cheol Jong YANG

Date: 3.22.2017