

## 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>  |
| MIN YOUNG KIM   | 01/23/2021   |
| BYEONG HAK KIM  | 01/21/2021   |
| JONG HYEOK LEE  | 01/21/2021   |
| <b>RECEIVING PARTY DATA</b>   |  |
| <b>Name:</b>  | KYUNGPOOK NATIONAL UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION |
| <b>Street Address:</b>  | 80, DAEHAK-RO  |
| <b>City:</b>  | BUK-GU DAEGU   |
| <b>State/Country:</b>   | CHINA  |
| <b>Postal Code:</b>   | 41566  |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |
| <b>Property Type</b>  | <b>Number</b>  |
| <b>Application Number:</b>  | 17263535   |
| <b>CORRESPONDENCE DATA</b>  |  |
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| <b>Correspondent Name:</b>  | STEINFL + BRUNO LLP  |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | P2568-US   |
| <b>NAME OF SUBMITTER:</b>   | ALESSANDRO STEINFL   |
| <b>SIGNATURE:</b>   | /Alessandro Steinfl, Reg. No. 56,448/                                  |
| <b>DATE SIGNED:</b>   | 01/26/2021   |
| <b>Total Attachments: 4</b>   |  |
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**ASSIGNMENT**

We, Min Young KIM, residing in the Republic of Korea with a mailing address at 101-505, 426, Cheongho-ro Suseong-gu Daegu 42081, and

Byeong Hak KIM, residing in the Republic of Korea with a mailing address at 102-1908, 540, Jungang-daero Buk-gu Daegu 41579, and

Jong Hyeok LEE, residing in the Republic of Korea with a mailing address at 102-1003, 24, Daehak-ro 12-gil Gyeongsan-si Gyeongsangbuk-do 38657,

hereby sell and assign for good and valuable consideration, the receipt of which we hereby acknowledge,

to KYUNGPOOK NATIONAL UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION, an entity having its principal place of business in the Republic of Korea at 80, Daehak-ro Buk-gu Daegu 41566,

hereinafter referred to as the assignee, its successors, assigns and nominees, our entire right, title and interest, including all priority rights under U.S. law and/or International conventions and treaties, in and to the "OBJECT DETECTION DEVICE AND CONTROL METHOD"

invented by us, as described and/or claimed in International Application No. PCT/KR2019/009625, filed on August 1, 2019, and Korean Patent Application No. 10-2018-0089778 filed on August 1, 2018, in the corresponding U.S. National Phase Patent Application, and in any other related patent applications filed and/or to be filed for, to and in the United States of America its territories and possessions, including any and all divisions, continuations, and continuations-in-part of said International Application PCT/KR2019/009625, filed on August 1, 2019, and any and all divisions, reissues, continuations, continuations-in-part and extensions of said corresponding U.S. National Phase Patent Application, including all priority rights under U.S. law and/or International conventions. We hereby authorize and request Alessandro Steinfl or Enrica

Bruno of the Firm Steinfl + Bruno, LLP to insert here in parentheses (Application No. 17/263,535 filing date January 26, 2021) the application number and filing date of said corresponding U.S. National Phase Patent Application when known. We further authorize and request any officials whose duty it is to issue patents, to issue any patent on said "OBJECT DETECTION DEVICE AND CONTROL METHOD" and/or improvements thereof or resulting therefrom to said assignee or its successors, assigns or nominees, and agree to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part and/or reissue applications, make all rightful oaths and/or declarations and generally do everything possible to aid said assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in the United States of America and in all other countries.

Subscribed and executed at Daegu Republic of Korea  
**City Country**  
 On Jan 23, 2021  
**Date**

Inventor Name: Min Young KIM

Inventor Signature 

Witnessed by:

Witness Name: \_\_\_\_\_ Signature \_\_\_\_\_

Witness Name: \_\_\_\_\_ Signature \_\_\_\_\_

Subscribed and executed at Daegu Republic of Korea  
**City Country**  
On January 21, 2021  
**Date**

Inventor Name: Byeong Hak KIM

Inventor Signature 

Witnessed by:

Witness Name: \_\_\_\_\_ Signature \_\_\_\_\_

Witness Name: \_\_\_\_\_ Signature \_\_\_\_\_

Subscribed and executed at Gyeongsan-si Republic of Korea  
**City Country**  
On \_\_\_\_\_  
**Date**

Inventor Name: Jong Hyeok LEE

Inventor Signature \_\_\_\_\_

Witnessed by:

Witness Name: \_\_\_\_\_ Signature \_\_\_\_\_

Witness Name: \_\_\_\_\_ Signature \_\_\_\_\_

Subscribed and executed at Daegu Republic of Korea  
**City Country**

On \_\_\_\_\_  
**Date**

Inventor Name: Byeong Hak KIM

Inventor Signature \_\_\_\_\_

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Witness Name: \_\_\_\_\_ Signature \_\_\_\_\_

Witness Name: \_\_\_\_\_ Signature \_\_\_\_\_

Subscribed and executed at Gyeongsan-si Republic of Korea  
**City Country**

On January 21, 2021  
**Date**

Inventor Name: Jong Hyeok LEE

Inventor Signature Jong

Witnessed by:

Witness Name: \_\_\_\_\_ Signature \_\_\_\_\_

Witness Name: \_\_\_\_\_ Signature \_\_\_\_\_