## 506683369 05/26/2021

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6730187

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CHUNG YONG LEE       (         CHAE HUN IM       (         RECEIVING PARTY DATA       (         Name:       UIF (UNIVERSITY INDUSTRY FOUNDATION), YONSEI UI         Street Address:       5TH FLOOR, NORTH, BUILDING 310, YONSEI UNIVERSI         Internal Address:       50 YONSEI-RO, SEODAEMUN-GU         City:       SEOUL         State/Country:       KOREA, REPUBLIC OF         Postal Code:       03722         PROPERTY NUMBERS Total: 1       (         Property Type       Number         Application Number:       17330273         CORRESPONDENCE DATA       Fax Number:         Correspondence will be sent to the e-mail address first; if that is unsuccessful, is using a fax number, if provided; if that is unsuccessful, it will be sent via US Ma         Email:       docketing@ampacc.com         Correspondent Name:       AMPACC LAW GROUP, PLLC         Address Line 1:       6100 219TH ST SW #580	05/20/2021 05/20/2021 NIVERSITY
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ATTORNEY DOCKET NUMBER: 650W10005US	
NAME OF SUBMITTER: AUTUMN DIAZ	
SIGNATURE: /AUTUMN DIAZ/	
DATE SIGNED: 05/26/2021 Total Attachments: 2	

## DECLARATION AND ASSIGNMENT OF PATENT APPLICATION

As a below named inventor, I hereby declare that:

This declaration is directed to the application attached hereto, or if not attached hereto, the below-identified application:

Title of Invention:

SIGNAL DETECTION METHOD AND APPARATUS BASED ON REINFORCEMENT LEARNING FOR VEHICULAR MIMO COMMUNICATION

Filing Date:

Application No.:

Attorney Docket No.: 650WI0005US

The application was made or authorized to be made by me;

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statements made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, the below named individual(s), hereinafter referred to as "Assignors," are the inventor(s) of the invention described and set forth in the above-identified application for United States Letters Patent;

WHEREAS, UIF (University Industry Foundation), Yonsei University, located at 5th Floor, North, Building 310, Yonsei University, 50 Yonsei-ro, Seodaemun-gu, Seoul, 03722, Republic of Korea, hereinafter referred to as "ASSIGNEE," is desirous of acquiring ASSIGNORS' interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all their right, title and interest in and to the said invention and application including any corresponding foreign application, and in and to any Letters Patent which may hereafter be granted on the same in the United States and any corresponding foreign application, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignee, or Assignee's successors and assigns.

PATENT REEL: 056357 FRAME: 0143 Declaration and Assignment Attorney Docket No.: 650WI0005US Client Reference No.: OP21-0023-US Page 2

Assignors hereby authorize and request AMPACC Law Group, PLLC, 6100 219<sup>th</sup> Street SW, Suite 580, Mountlake Terrace, WA 98043, to insert herein above the title, application number, and filing date of said application when known.

IN TESTIMONY WHEREOF, each below named inventor, collectively Assignors, has signed on the dates indicated.

May 20, 2021

Mr. C.r (Signature)

Inventor's Name: Chung Yong LEE

Date:

.....

May 20, 2021

Date:

(Signature) Chachun Im Inventor's Name: Chae Hun IM

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**RECORDED: 05/26/2021**