506564052 03/19/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MUHAMMAD KHURRAM KHAN	03/18/2021
WAZIR ZADA KHAN	03/17/2021

RECEIVING PARTY DATA

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State/Country:	SAUDI ARABIA	
Postal Code:	12372	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17206487

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ATTORNEY DOCKET NUMBER:	TUP62947
NAME OF SUBMITTER:	HANJEN YU
SIGNATURE:	/Hanjen Yu/
DATE SIGNED:	03/19/2021

Total Attachments: 2

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PATENT 506564052 REEL: 055648 FRAME: 0987

PATENT ASSIGNMENT DEED

This assignment agreement is applicable to an invention entitled (invention title) DEVICE FOR FACILITATING MANAGING CYBER SECURITY HEALTH OF A CONNECTED AND AUTONOMOUS VEHICLE (CAV) This PATENT RIGHT referred to in this agreement is (check one): A Patent Application for this invention, executed by the ASSIGNOR(S) concurrently with this Agreement. U.S. Patent Application Serial No. filed on \Box U.S. Patent No. issued on The PATENT RIGHT assigned under this agreement is: U.S. Patent rights only Worldwide Patent rights (the assignee shall have the right to claim the benefit for the filing date of any U.S. Patent Application identified above). The ASSIGNOR(S) referred to in this agreement is (are): Muhammad Khurram Khan Full Legal Name Center of Excellence in Information Assurance, King Saud University Street Address State/Province Riyadh Zip/Postal Code 11451 Rìyadh City Wazir Zada Khan Full Legal Name PO Box 92144 Street Address State/Province Riyadh Zip/Postal Code 11653 Country Saudi Arabia Riyadh City Full Legal Name Street Address State/Province Zip/Postal Code Country The ASSIGNEE referred to in this agreement is: King Saud University Full Legal Name 3615- King Saud University Unit Number: 4 Street Address Zip/Postal Code 12372 Riyadh Country Saudi Arabia City State/Province Riyadh / Saudi Arabia Is (check one): A business entity of ☐ An individual (State/Province and Country) And, is assigned % Of the entire rights from the ASSIGNOR(S)

[SIGNATURE PAGE FOLLOWS]

PATENT REEL: 055648 FRAME: 0988 The ASSIGNOR(S), in consideration of \$1.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to each ASSIGNEE, their successors and assigns: the specified percentage of the entire right, title and interest in and to the PATENT RIGHTS in the invention; all continuations, continuations-in-part, divisionals, reissues, and re-examination patents and patent applications; and the right to claim priority under 35 U.S.C. 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Director of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(S) as the ASSIGNEE(S) of the specified percentage in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(S), their successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE(S), or their representatives, and facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(S), their successors and assigns, to obtain an enforced proper protection for said invention.

Khun	03/18/2021
(signature of sole or first assignor)	(Date)
market the second of the secon	03/17/2021
(signature of second assignor)	(Date)
(signature of third assignor)	(Date)
Khow	03/18/2021
(signature of assignee)	(Date)
By: Muhammad Khurram Khan	
Title: Prof.	