PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WAN-YI LIN	04/09/2021
MOHAMMAD SADEGH NOROUZZADEH	09/28/2020
JEREMY ZIEG KOLTER	09/28/2020
JINGHAO SHI	03/15/2021

RECEIVING PARTY DATA

Name:	ROBERT BOSCH GMBH
Street Address:	POSTFACH 30 02 20
City:	STUTTGART
State/Country:	GERMANY
Postal Code:	70442

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17034479

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: bvpatents@us.bosch.com
Correspondent Name: ROBERT BOSCH LLC
Address Line 1: 38000 HILLS TECH DRIVE

Address Line 2: C/IPR-NA1

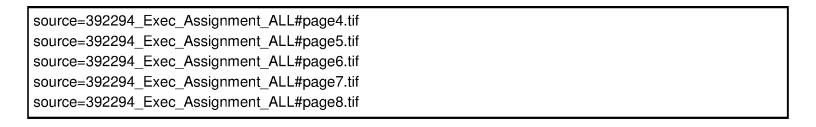
Address Line 4: FARMINGTON HILLS, MICHIGAN 48331

ATTORNEY DOCKET NUMBER:	R392294
NAME OF SUBMITTER:	NANCY DERNBACH
SIGNATURE:	/Nancy Dernbach/
DATE SIGNED:	08/25/2021

Total Attachments: 8

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PATENT 506835351 REEL: 057281 FRAME: 0521



PATENT REEL: 057281 FRAME: 0522

ASSIGNMENT

Pursuant to my obligation to Robert Bosch GmbH (hereinafter referred to as "Assignee"), having its principal place of business at:

Postfach 30 02 20 Stuttgart, Germany 70442

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged,

{ }

Wan-Yi Lin 1379 Royal Oak Drive Wexford, PA 15090

Mohammad Sadegh Norouzzadeh 753 Venango Avenue Pittsburgh, PA 15209

Jeremy Zieg Kolter 1695 Biltmore Lane Pittsburgh, PA 15213

Jinghao Shih 3333 Forbes Avenue Pittsburgh, PA 15213

confirm my obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, except as set forth below, my entire right, title and interest —

- (1) in and to an invention entitled "Systems and Methods With Robust Classifiers That Defend Against Patch Attacks" for which I have executed a United States patent application, said United States application being assigned U.S. Serial No.

 17/034479 filed September 28, 2020 ;
- (2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), reissue applications, and international patent applications designating the United

Page 1 of 2

States) based upon said invention, and in and to the patent or patents to be granted thereon,

including reissues thereof, if any, to the full end of the term or terms for which said patent or

patents may be granted; and

(3) in and to all patent applications on said invention now or hereafter filed in

countries foreign to the United States of America, including patent applications filed under the

Patent Cooperation Treaty, the European Patent Convention or any other international treaty,

and including the right to claim priority of said United States application, and in and to any and

all patents granted on said applications to the full end of the terms for which said patents may

be granted.

I hereby agree that I will, upon demand of Assignee, its successors or assigns, and

without further consideration to me, execute any and all papers that may be necessary, or

deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of

the intent and purposes of this Assignment, it being understood that any expense incident to

the execution of such papers shall be paid by Assignee, its successors and assigns, and not

by me.

Jinghao Shih

Page 2 of 2

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Date:	
	Wan-Yi Lin
Date:	
	Arash Norouzzadeh
Date: 9/28/20	5 Jun
	Jeremy Zieg Kolter
Date:	
	Jinghao Shih

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Date: 04/09/2021	Man Di C
	Wan-Yi Lin
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Date:	
	Jeremy Zico Kolter
Date:	
	 Jinghao Shi

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Jeremy Zieg Kolter
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finghad shi

Jinghao Shi