PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK OVERBY	07/08/2019
RICK DINGLE	07/05/2019
NICOLA DIMISCIO	06/13/2019
VARADHARAJAN KANNAN	06/12/2019
YONG ZHANG	06/14/2019
FRANCESCO SARACINO	07/10/2019

RECEIVING PARTY DATA

Name:	NVIDIA CORPORATION
Street Address:	2788 SAN TOMAS EXPRESSWAY
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95051

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16435364

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	17-IC-0215US02/325549
NAME OF SUBMITTER:	BROOKE READ
SIGNATURE:	/Brooke Read/
DATE SIGNED:	07/11/2019

Total Attachments: 3

PATENT REEL: 049725 FRAME: 0813

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PATENT REEL: 049725 FRAME: 0814

Attorney Docket No. 17-IC-0215US02/325549

ASSIGNMENT

WHEREAS, we, Mark Overby, Rick Dingle, Nicola Di Miscio, Varadharajan

Kannan, Yong Zhang, and Francesco Saracino ("ASSIGNORS"), are the original and joint

inventors of subject matter disclosed and/or claimed in a nonprovisional patent application, the

title of which is:

VIRTUALIZED INTRUSION DETECTION AND PREVENTION IN AUTONOMOUS

VEHICLES

for which we are about to make, or have made, application for Letters Patent of the United States.

ASSIGNORS hereby authorize legal representatives of Shook, Hardy & Bacon L.L.P. to insert

here in parentheses the Application No. (16/435,364), and Filing Date (June 7, 2019), when

known; and

WHEREAS, NVIDIA Corporation ("ASSIGNEE"), a corporation duly organized

under the laws of the State of Delaware, and having its principal place of business at 2788 San

Tomas Expressway, Santa Clara, California 95051, USA, is desirous of acquiring an interest in, to

and under said invention, said application and any and all Letters Patent which may be granted for

or upon said invention in the United States of America and all countries foreign thereto;

NOW, THEREFORE, to all whom it may concern, be it known that for good and

valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer

unto said ASSIGNEE, the full and exclusive right, title and interest, throughout the world, in, to

and under said invention as fully set forth and described in the above-identified application; in, to

and under said application; in, to and under any and all refilings, divisions and continuations of

said application; in, to and under any and all Letters Patent of the United States of America which

may issue from said application, refilings, divisions and continuations; in, to and under any and

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the said Letters Patent in accordance with this assignment.

all reissues of said Letters Patent of the United States of America; in, to and under any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said ASSIGNEE, for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and ASSIGNORS do hereby authorize and request the Commissioner of Patents to issue

ASSIGNORS hereby further agree that we will communicate to ASSIGNEE, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid ASSIGNEE, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

EXECUTED this 8th

day of July

Mark A Overby

Mark Overby

Mark Overby

EXECUTED this 5th

day of July

Rick Dingle

Rick Dingle

Rick Dingle

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EXECUTED this ¹³	day of June	, 2019.	
	, Mila Jallian		
	Nicola Di Miscio		
EXECUTED this 12th	day of June ph / Varadharajan Kannan (Jun 12, 2019)	_, 2019.	
	Varadharajan Kannar	1	_
EXECUTED this	_{day of} June	_, 2019.	
	Yong Zhang (Jun 14, 2019) Yong Zhang		
EXECUTED this 10th	day of July	_, 2019.	
	Francesco Saracino / Prancesco Saracino (Jul.10, 7919)		
	Francesco Saracino		

PATENT REEL: 049725 FRAME: 0817

RECORDED: 07/11/2019