PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES ANDREW BAGNELL	04/16/2023
SANJIBAN CHOUDHURY	03/25/2023
MICHAEL LEE PHILLIPS	03/29/2023
ARUN VENKATRAMAN	03/27/2023
XINYAN YAN	03/25/2023

RECEIVING PARTY DATA

Name:	AURORA OPERATIONS, INC.	
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City:	MOUNTAIN VIEW	
State/Country:	CALIFORNIA	
Postal Code:	94043	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18309494

CORRESPONDENCE DATA

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Email: usdocketing@dority-manning.com, lglass@dority-manning.com **Correspondent Name:** DORITY & MANNING, P.A. AND AURORA OPERATIONS, INC

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ATTORNEY DOCKET NUMBER:	AUR-2007
NAME OF SUBMITTER:	JAMES H. NOEL
SIGNATURE:	/ JAMES H NOEL /
DATE SIGNED:	05/12/2023

Total Attachments: 7

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PATENT REEL: 063629 FRAME: 0070

ATTORNEY DOCKET NUMBER: AUR-2007-P

CONFIRMATORY ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, as an undersigned assignor, I have made an invention entitled

"SYSTEMS AND METHODS FOR AUTONOMOUS VEHICLE VALIDATION"

(the "Invention") as described in a patent application (the "Patent Application"), the specification of which:

\boxtimes	is attached hereto.		
	was filed on	as U.S. Application Serial No	
	was filed on	as PCT Application Serial No	
	was filed on	as .	

WHEREAS, Aurora Operations, Inc., 280 North Bernardo Avenue, Mountain View, California, 94043, as assignee, has received and secured or hereby receives and secures the entire right, title, and interest in and to the Invention and the Patent Application in all countries throughout the world, in and to any Letters Patent or similar rights for the Invention to be issued upon the Patent Application throughout the world, any application to which the Patent Application claims priority, any application for Letters Patent or similar rights for the Invention claiming priority to the Patent Application in all countries throughout the world, and any Letters Patent or similar rights to be issued claiming priority to the Patent Application in all countries throughout the world;

NOW, THEREFORE, be it known that for good and valuable consideration, the receipt of which from assignee is hereby acknowledged, I, as an undersigned assignor, acknowledge and confirm that I have sold, assigned, transferred, conveyed, and set over, and/or do hereby sell, assign, transfer, convey, and set over unto the assignee, its lawful successors and assigns, my entire right, title, and interest in and to the Invention and the Patent Application now existing and in the future, and all divisions, continuations, continuations-in-part, and national-stage applications thereof, any and all applications claiming priority to the Patent Application, any and all applications to which the Patent Application claims or has a right to claim priority (including any provisional applications), and all Letters Patent or similar rights which may be granted thereon, all reissues and re-examinations of any of the foregoing, and all permutations of claims to any subject matter included in the Patent Application, including any claims appearing in any of the foregoing, and all rights to claim priority on the basis of any of the foregoing applications, and all applications for Letters Patent or similar rights which may hereafter be filed for the Invention in any country and all Letters Patent or similar rights which may be granted on the Invention in any country, and all extensions, renewals, reissues, and re-

PATENT REEL: 063629 FRAME: 0071 examinations thereof, any and all causes of action, claims, and demands and other rights for, or arising from, any infringement, breaches, or misappropriation, including past infringements, breaches, and misappropriations of any of the foregoing throughout the world, the right to take actions to assert any and all causes of action related to any of the foregoing throughout the world, including those accrued in my favor for infringement, breach, and misappropriation, and the right to sue and recover and have past, present, and future damages and profits for infringement, breach, and misappropriation, in all countries, territories and possessions throughout the world in accordance with the laws thereof, to the full extent of such rights, and I hereby authorize and request the Commissioner for Patents of the United States and any official of any other country whose duty it is to issue patents on applications as described above, to issue all Letters Patent or similar rights for the Invention or the Patent Application to assignee, its successors and assigns, in accordance with the terms of this Assignment, and I hereby authorize the assignee, its successors and assigns, and the attorney(s) of record in applications as described above to modify this Assignment, subsequent to its execution, to more specifically identify the applications as described above;

AND I HEREBY covenant and agree that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND I HEREBY further covenant and agree that I will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me respecting the Invention, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of the Invention in said assignee, its successors and assigns, execute all divisions, continuations, continuations-in-part, and national-stage applications of the Patent Application, any and all applications claiming priority to the Patent Application, and all Letters Patent or similar rights which may be granted thereon, and all reissues and re-examinations of any of the foregoing, and make all rightful oaths and generally aid assignee, its successors and assigns, to obtain and enforce proper patent and any other protection for the Invention in the United States and any other country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN WITNESS WHEREOF, I, as an undersigned assignor, have executed this document on the date indicated below:

[SIGNATURE(S) ON FOLLOWING PAGE(S)]

PATENT REEL: 063629 FRAME: 0072

residing in the United States of America

James Andrew Bagnell

a citizen of the United States of America

James Andrew Bagnell

James Andrew Bagnell

A/16/2023

Date

PATENT REEL: 063629 FRAME: 0073

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Confirmatory Assignment of Worldwide Rights

Sanyiban Choudhury
Sanjiban Choudhury
a citizen of India
residing in the United States of America

Sanyiban Choudhury
a executed on

Date

PATENT REEL: 063629 FRAME: 0074

Michael Lee Phillips

a citizen of the United States of America residing in the United States of America

PATENT REEL: 063629 FRAME: 0075

Arun Venkatraman
a citizen of the United States of America
and New Zealand
residing in the United States of America

PATENT REEL: 063629 FRAME: 0076

Xinyan Van

TSC307990866423...

Xinyan Yan
a citizen of China
residing in the United States of America

3/25/2023

Date

PATENT REEL: 063629 FRAME: 0077

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RECORDED: 05/12/2023