

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ETHAN EADE	10/04/2019
MICHAEL BODE	10/04/2019
JAMES ANDREW BAGNELL	11/13/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AURORA INNOVATION, INC.
<b>Street Address:</b>	1880 EMBARCADERO RD.
<b>City:</b>	PALO ALTO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94303
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17674510
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(502)561-0442
<i>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.</i>	
<b>Phone:</b>	5026252772
<b>Email:</b>	kabbott@middletonlaw.com
<b>Correspondent Name:</b>	MIDDLETON REUTLINGER
<b>Address Line 1:</b>	401 S. 4TH STREET, SUITE 2600
<b>Address Line 4:</b>	LOUISVILLE, KENTUCKY 40202
<b>ATTORNEY DOCKET NUMBER:</b>	ZU828-22113
<b>NAME OF SUBMITTER:</b>	SCOTT A. STINEBRUNER
<b>SIGNATURE:</b>	/Scott A. Stinebruner/
<b>DATE SIGNED:</b>	03/24/2022
<b>Total Attachments: 5</b>	
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PATENT

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REEL: 059388 FRAME: 0160



## ASSIGNMENT

**Ethan Eade**, a citizen of the United States of America, with a mailing address of 1880 Embarcadero Rd., Palo Alto, CA 94303;

**Michael Bode**, a citizen of the United States of America, with a mailing address of 1880 Embarcadero Rd., Palo Alto, CA 94303; and

**James Andrew Bagnell**, a citizen of the United States of America, with a mailing address of 1880 Embarcadero Rd., Palo Alto, CA 94303

(collectively the “Assignors”) have invented, alone or in cooperation with others, certain improvements related to an Autonomous Vehicle Relative Atlas Incorporating Hypergraph Data Structure (the “Invention”), which is disclosed in U.S. patent application serial number 16/586,025 filed on September 27, 2019, which is a continuation-in-part to U.S. patent application serial number 16/271,612 filed February 8, 2019; 15/940,525 filed March 29, 2018; and 15/940,516 filed March 29, 2018 (the “Applications”).

**AND WHEREAS, AURORA INNOVATION, INC.** a Delaware Company having a place of business at 1880 Embarcadero Rd., Palo Alto, CA 94303, together with any successors, legal representatives or assigns thereof, (the “Assignee”), desires to acquire the entire right, title, and interest in and to the Intellectual Property (defined below), and any United States and foreign patents to be obtained therefor;

**NOW THEREFORE**, the Assignors hereby assign, convey, and transfer unto Assignee, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the entire right, title, and interest in and to:

said Invention;

said Applications, including any and all designs, divisions, continuations, continuations-in-part, provisionals or non-provisionals claiming priority to or having any relationship to any of the aforesaid, reissues thereof, and reexaminations thereof;

any and all foreign and PCT applications claiming priority to any of the aforesaid;

any and all Letters Patent of the United States and all countries foreign thereto, which may be granted or have been granted for any of the aforesaid, and any and all reissues and reexaminations thereof;

any and all priority rights, convention rights, and other benefits accruing or to accrue to the Assignors with respect to the filing of applications for patents or the securing of patents in the United States and countries foreign thereto; and

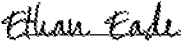
any and all rights to recover damages for past infringement of any and all said Letters Patent (collectively, all of the aforesaid the "Intellectual Property");

**AND THE ASSIGNORS HEREBY AGREE** to sign and execute all necessary and lawful future documents, including additional applications related to the Intellectual Property, and/or any applications for reissue or reexamination of any Letters Patent which may be granted for said Intellectual Property, which the Assignee may from time to time require and prepare at Assignee's expense;

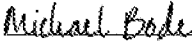
**AND THE ASSIGNORS HEREBY AUTHORIZE AND REQUEST** the United States Patent and Trademark Office, and any offices of foreign countries whose duty it is to issue patents, to issue any Letters Patent granted upon said Applications and for said Invention to Assignee.

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ASSIGNOR:

DocuSigned by:	
	10/4/2019
<del>Ethan Eade</del>	Date
Witnessed by: _____	Date: _____
Signature	
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Printed Name of Witness	
Witnessed by: _____	Date: _____
Signature	
-----	
Printed Name of Witness	

ASSIGNOR:

DocuSigned by:	
	10/4/2019
<del>Michael Bode</del>	Date
Witnessed by: _____	Date: _____
Signature	
-----	
Printed Name of Witness	
Witnessed by: _____	Date: _____
Signature	
-----	
Printed Name of Witness	

ASSIGNOR:

DocuSigned by:		11/13/2019
<i>James Andrew Bagnell</i>		_____
<b>James Andrew Bagnell</b>		Date
Witnessed by: _____	Date: _____	
Signature		
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Printed Name of Witness		
Witnessed by: _____	Date: _____	
Signature		
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Printed Name of Witness		