

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4217285

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAMES CHRISTOPHER CURLANDER	11/18/2015
RYAN SCOTT RUSSELL	11/11/2015
ALLAN SCOTT BATHURST	11/12/2015
UDIT MADAN	11/18/2015
JULES COOK GRAYBILL	11/10/2015
JONATHAN BLAIR NORWOOD	11/10/2015
WESLEY SCOTT LAUKA	11/10/2015
PRAGYANA K. MISHRA	11/16/2015
DARREN ERNEST CANAVOR	11/16/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AMAZON TECHNOLOGIES, INC.
<b>Street Address:</b>	PO BOX 81226
<b>City:</b>	SEATTLE
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98108-1226
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	9547986
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(770)951-0933
<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>	770.933.9500
<b>Email:</b>	kayla.bruce@thomashorstemeyer.com
<b>Correspondent Name:</b>	ARVIND REDDY
<b>Address Line 1:</b>	400 INTERSTATE NORTH PARKWAY
<b>Address Line 2:</b>	SUITE 1500
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30339
<b>ATTORNEY DOCKET NUMBER:</b>	170117-1370
<b>NAME OF SUBMITTER:</b>	ARVIND REDDY

PATENT

<b>SIGNATURE:</b>	/Arvind Reddy/
<b>DATE SIGNED:</b>	01/10/2017
<b>Total Attachments: 13</b> source=Assignment-Statement__EFS_#page1.tif source=Assignment-Statement__EFS_#page2.tif source=Assignment-Statement__EFS_#page3.tif source=Assignment-Statement__EFS_#page4.tif source=Assignment-Statement__EFS_#page5.tif source=Assignment-Statement__EFS_#page6.tif source=Assignment-Statement__EFS_#page7.tif source=Assignment-Statement__EFS_#page8.tif source=Assignment-Statement__EFS_#page9.tif source=Assignment-Statement__EFS_#page10.tif source=Assignment-Statement__EFS_#page11.tif source=Assignment-Statement__EFS_#page12.tif source=Assignment-Statement__EFS_#page13.tif	

**PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)**

U.S. Patent Appln. No. \_\_\_\_\_

Attorney Docket No. 579-7239

Filing Date \_\_\_\_\_

Client Docket No. P27163-US

**PARTIES TO THE ASSIGNMENT**

Assignor(s):

**James Christopher Curlander**  
410 Terry Avenue North  
Seattle, WA 98109-5210

**Jonathan Blair Norwood**  
410 Terry Avenue North  
Seattle, WA 98109-5210

**Ryan Scott Russell**  
410 Terry Avenue North  
Seattle, WA 98109-5210

**Wesley Scott Lauka**  
410 Terry Avenue North  
Seattle, WA 98109-5210

**Allan Scott Bathurst**  
410 Terry Avenue North  
Seattle, WA 98109-5210

**Pragyana K. Mishra**  
410 Terry Avenue North  
Seattle, WA 98109-5210

**Udit Madan**  
410 Terry Avenue North  
Seattle, WA 98109-5210

**Darren Ernest Canavor**  
410 Terry Avenue North  
Seattle, WA 98109-5210

**Jules Cook Graybill**  
410 Terry Avenue North  
Seattle, WA 98109-5210

Assignee:

Amazon Technologies, Inc.  
PO Box 81226  
Seattle, WA 98108-1226

**AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled  
"LANE ASSIGNMENTS FOR AUTONOMOUS VEHICLES" (Invention) for which a non-provisional  
application for United States Letters Patent (Application):

was filed on \_\_\_\_\_ and accorded U.S. Application No. \_\_\_\_\_; or

will be filed concurrently with the submission of this executed PATENT ASSIGNMENT  
for recordation.

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**Inventors: James Christopher Curlander, Ryan Scott Russell, Allan Scott Bathurst, Udit Madan, Jules Cook Graybill, Jonathan Blair Norwood, Wesley Scott Lauka, Pragyana K. Mishra, Darren Ernest Canavor**

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of Thomas Horstemeyer, associated with Customer No. 71247, to insert in the header above and here in parentheses (U.S. Patent Application No. \_\_\_\_\_, filed \_\_\_\_\_) this application's U.S. application number and filing date, when known.

WHEREAS, ASSIGNEE, a corporation of the State of Nevada, is desirous of acquiring the entire right, title and interest in and to the Invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said Invention and any improvements thereto, said Application and any and all letters patent which may be granted for said Invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all provisional, divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said Application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said Invention, Application and all letters patent on said Invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks, as well as all other applicable patent offices

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throughout the world, to issue all letters patent on said Invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said Invention, for litigation regarding said letters patent, or for the purpose of protecting title to said Invention or letters patent therefor.

AND ASSIGNOR(S) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said letters patent before or after issuance.

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Invention or said Application, and testify in any legal proceeding, assist in the preparation of any other patent property relating to the Application and the Invention or any improvements made thereto, sign/execute all lawful papers, provide all requested documents, execute and make all rightful oaths and/or declarations in connection with the Application and the Invention including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid ASSIGNEE, its

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successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Invention in all countries. These provisions are binding upon ASSIGNOR's heirs, legal representatives, administrators, and assigns.

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**DECLARATION**

As a below named inventor, I hereby declare that:

This declaration is directed to:

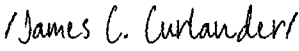
- the attached application; or
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- PCT International Application number \_\_\_\_\_ filed on \_\_\_\_\_.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

DocuSigned by:  
  
 -----  
 F0D69CAE143446C...  
**James Christopher Curlander**

November 18, 2015

\_\_\_\_\_  
Date

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Attorney Docket No. 579-7239

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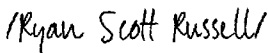
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DocuSigned by:  
  
 099D02560911404...  
 \_\_\_\_\_  
**Ryan Scott Russell**

November 11, 2015  
 \_\_\_\_\_  
 Date



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Attorney Docket No. 579-7239

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DocuSigned by:  
  
 -----087667818CB4405.....  
**Allan Scott Bathurst**

November 12, 2015  
 \_\_\_\_\_  
 Date

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U.S. Patent Appln. No. \_\_\_\_\_

Attorney Docket No. 579-7239

Filing Date \_\_\_\_\_

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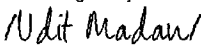
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DocuSigned by:  
  
 \_\_\_\_\_  
 4EEBE079C4FE43E...  
**Udit Madan**

November 18, 2015

\_\_\_\_\_  
Date

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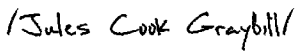
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DocuSigned by:  
  
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 \_\_\_\_\_  
**Jules Cook Graybill**

November 10, 2015  
 \_\_\_\_\_  
 Date

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DocuSigned by:  
  
 \_\_\_\_\_  
8CADF7F8A991427...  
**Jonathan Blair Norwood**

November 10, 2015

\_\_\_\_\_  
Date

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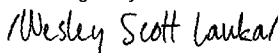
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DocuSigned by:  
  
 \_\_\_\_\_  
 6869AAE9A6D64DB...  
**Wesley Scott Lauka**

November 10, 2015  
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 Date

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DocuSigned by:  
**/Pragyana K. Mishra/**  
 FE0A17676ED04F0...  
 \_\_\_\_\_  
**Pragyana K. Mishra**

November 16, 2015

\_\_\_\_\_  
Date

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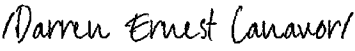
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DocuSigned by:  
  
 B3A8A67D69ED493...  
 \_\_\_\_\_  
**Darren Ernest Canavor**

November 16, 2015  
 \_\_\_\_\_  
 Date