## 505835514 12/23/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5882448

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PETER COLIJN	12/11/2017
LAURENS ANDREAS FEENSTRA	12/07/2017
JOSHUA SETH HERBACH	12/11/2017
KATHARINE PATTERSON	12/06/2017

### **RECEIVING PARTY DATA**

Name:	WAYMO LLC	
Street Address:	1600 AMPHITHEATRE PARKWAY	
City:	MOUNTAIN VIEW	
State/Country:	CALIFORNIA	
Postal Code:	94043	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16719302

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	XSDV 3.0F-073 CON [9359]
NAME OF SUBMITTER:	IDA ZAZZALI
SIGNATURE:	/IDA ZAZZALI/
DATE SIGNED:	12/23/2019

**Total Attachments: 4** 

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PATENT 505835514 REEL: 051358 FRAME: 0121

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> PATENT REEL: 051358 FRAME: 0122

# Docket Number (Optional) ASSIGNMENT OF PATENT APPLICATION XSDV 3.0F-073 WHEREAS, I, Peter Colijn of San Francisco, California, have invented or discovered inventions or discoveries. the subject matter of which is described in the patent application entitled "FLEET MANAGEMENT FOR AUTONOMOUS VEHICLES" (hereafter "Patent Application"), WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on \_\_\_\_\_\_, Application Number \_\_\_\_\_, and WHEREAS (if the left box is checked), the Patent Application names the following inventors: Peter Colijn, Laurens Andreas Feenstra, Joshua Seth Herbach, and Katharine Patterson (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 15/838,650 filed 12/12/17 the application number and filing date of the application when known), and WHEREAS, Waymo LLC, incorporated or otherwise formed in Delaware and having a place of business at 1600 Amphitheatre Parkway; Mountain View, CA 94043 (hereafter, the "assignee") is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, the entire right, title and interest in same; NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, title and interest in and to the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Patent Application, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, substitute, reissue, re-examination or other application claiming priority or benefit to the Patent Application pursuant to any law or treaty, and any patent issuing from the foregoing. I agree to assign, and hereby do assign, to assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned Applications to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to assignee all patents resulting from the Assigned Applications and to record assignee's ownership thereof. At assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect assignee's rights in the Assigned Applications. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision. 12/11/2017 (Date) (Signature)

	Docket Number (Optional)		
ASSIGNMENT OF PATENT APPLICATION	Dooner Hamber (optional)		
	XSDV 3.0F-073		
WHEREAS, I, <u>Laurens Andreas Feenstra</u> of <u>San Francisco</u> , <u>California</u> , have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "FLEET MANAGEMENT FOR AUTONOMOUS VEHICLES" (hereafter "Patent Application"),			
WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and rademark Office on, Application Number, and			
WHEREAS (if the left box is checked), the Patent Application names the following inventors:  Peter Coliin, Laurens Andreas Feenstra, Joshua Seth Herbach, and Katharine Patterson (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 15/838,650 , filed on 12/12/17 ] the application number and filing date of the application when known), and			
WHEREAS, <u>Waymo LLC</u> , incorporated or otherwise formed in <u>Delaware</u> and having a place of business at <u>1600</u> <u>Amphitheatre Parkway; Mountain View, CA 94043</u> (hereafter, the "assignee") is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, the entire right, title and interest in same;			
NOW, THEREFORE, for good and valuable consideration the reas follows. I agree to assign, and hereby do assign, to the assignee my erassigned Applications in the United States of America and all other countrestent Application, including any and all inventions, discoveries and other continuation, continuation-in-part, substitute, reissue, re-examination or othe Patent Application pursuant to any law or treaty, and any patent issuing from the design, to assignee the right to claim such priority or benefit. I have not obligation to convey, my rights in the Assigned Applications to a third party Trademark Office, and any other governmental agency in the world, to issue further remuneration, to execute and deliver documents prepared at assigns such as testimony, as may be reasonably required to evidence or protect a Assignee may assign or transfer all or part of its rights set forth herein in its affix its signature to this document as well as any other indicia of its acceptation is unenforceable, the requirements of the provision shall remain to offending portions thereof shall be deemed replaced, to the extent possible purpose of the offending provision.	ntire right, title and interest in and to the ies, where "Assigned Applications" means the subject matter described therein, any divisional, her application claiming priority or benefit to the orm the foregoing. I agree to assign, and hereby the treviously conveyed, nor am I aware of an A. I hereby authorize the U.S. Patent and use to assignee all patents resulting from the signee's reasonable request I agree, without nee's expense and to provide other cooperation, assignee's rights in the Assigned Applications. Is sole discretion. I agree that the assignee may tance of the provisions hereof. If any provision the full extent permissible by law and the		
12/7/2017	A98ED/1F811F49D		
(Date)	(Signature)		

# Docket Number (Optional) ASSIGNMENT OF PATENT APPLICATION XSDV 3.0F-073 WHEREAS, I, Joshua Seth Herbach of San Francisco, California, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "FLEET MANAGEMENT FOR AUTONOMOUS VEHICLES" (hereafter "Patent Application"), WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on \_\_\_\_\_\_, Application Number \_\_\_\_\_, and WHEREAS (if the left box is checked), the Patent Application names the following inventors: Peter Colijn, Laurens Andreas Feenstra, Joshua Seth Herbach, and Katharine Patterson (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 15/838,650 , filed on 12/12/17 ] the application number and filing date of the application when known), and I the application number and filing date of the application when known), and WHEREAS, Waymo LLC, incorporated or otherwise formed in Delaware and having a place of business at 1600 Amphitheatre Parkway; Mountain View, CA 94043 (hereafter, the "assignee") is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, the entire right, title and interest in same; NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, title and interest in and to the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Patent Application, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, substitute, reissue, re-examination or other application claiming priority or benefit to the Patent Application pursuant to any law or treaty, and any patent issuing from the foregoing. I agree to assign, and hereby do assign, to assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned Applications to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to assignee all patents resulting from the Assigned Applications and to record assignee's ownership thereof. At assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect assignee's rights in the Assigned Applications. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision. ~DocuSigned by: 12/11/2017 9D36CFF8A3224B6.. (Date) (Signature)

PATENT REEL: 051358 FRAME: 0125

**RECORDED: 12/23/2019** 

ACCIONIMENT OF DATENT ADDITION	Docket Number (Optional)			
ASSIGNMENT OF PATENT APPLICATION	XSDV 3.0F-073			
WHEREAS, I, <u>Katharine Patterson</u> of <u>Palo Alto, California</u> , have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "FLEET MANAGEMENT FOR AUTONOMOUS VEHICLES" (hereafter "Patent Application"),				
WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Frademark Office on, Application Number, and				
WHEREAS (if the left box is checked), the Patent Application names the following inventors:  Peter Colijn, Laurens Andreas Feenstra, Joshua Seth Herbach, and Katharine Patterson (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No15/838,650, filed on12/12/17] the application number and filing date of the application when known), and				
WHEREAS, <u>Waymo LLC</u> , incorporated or otherwise formed in <u>Delaware</u> and having a place of business at <u>1600</u> <u>Amphitheatre Parkway; Mountain View, CA 94043</u> (hereafter, the "assignee") is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, the entire right, title and interest in same;				
NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, title and interest in and to the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Patent Application, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, substitute, reissue, re-examination or other application claiming priority or benefit to the Patent Application pursuant to any law or treaty, and any patent issuing from the foregoing. I agree to assign, and hereby do assign, to assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned Applications to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to assignee all patents resulting from the Assigned Applications and to record assignee's ownership thereof. At assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect assignee's rights in the Assigned Applications. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision.				
12/6/2017	DocuSigned by:			
(Date)	95B8987004744D5 (Signature)			

PATENT REEL: 051358 FRAME: 0126