

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5836961

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JIAJUN ZHU	09/23/2011
CHRISTOPHER PAUL URMSON	09/23/2011
DIRK HAEHNEL	09/23/2011
NATHANIEL FAIRFIELD	09/23/2011
RUSSELL LEIGH SMITH	09/23/2011
RECEIVING PARTY DATA	
Name:	GOOGLE INC.
Street Address:	1600 AMPHITHEATRE PARKWAY
City:	MOUNTAIN VIEW
State/Country:	CALIFORNIA
Postal Code:	94043
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16209429
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	pto@bciplaw.com
Correspondent Name:	BOTOS CHURCHILL IP LAW LLP
Address Line 1:	430 MOUNTAIN AVENUE, SUITE 401
Address Line 4:	NEW PROVIDENCE, NEW JERSEY 07974
ATTORNEY DOCKET NUMBER:	XSDV 3.0-354 CCDC [7612]
NAME OF SUBMITTER:	AVA MARIE FELA
SIGNATURE:	/Ava Marie Fela/
DATE SIGNED:	11/25/2019
Total Attachments: 5	
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ASSIGNMENT OF PATENT APPLICATION

Docket Number (Optional)

GOOGLE 3.0-354

WHEREAS, I, Jiajun Zhu of 421 Paria Terrace, Sunnyvale, California, 94089, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "SYSTEM AND METHOD FOR EVALUATING THE PERCEPTION SYSTEM OF AN AUTONOMOUS VEHICLE" (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: Jiajun Zhu, Christopher Paul Umson, Dirk Haehnel, Nathaniel Fairfield, and Russell Leigh Smith (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 13/200,958, filed on 10/05/11] the application number and filing date of the application when known), and

WHEREAS, Google Inc., incorporated or otherwise formed in Delaware and having a place of business at 1600 Amphitheatre Parkway, Mountain View, California, 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.

9/23/2011

(Date)

Jiajun Zhu

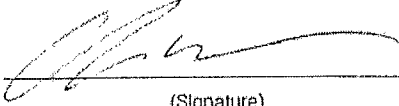
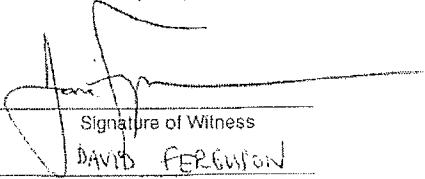
(Signature)

Russell Leigh Smith

Signature of Witness

DAVID FERGUSON

Printed Name of Witness

ASSIGNMENT OF PATENT APPLICATION	Docket Number (Optional) GOOGLE 3.0-354
<p>WHEREAS, I, <u>Christopher Paul Urmson of 218 Central Avenue, Mountain View, California 94043</u>, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "SYSTEM AND METHOD FOR EVALUATING THE PERCEPTION SYSTEM OF AN AUTONOMOUS VEHICLE" (hereafter "Patent Application"),</p> <p><input type="checkbox"/> WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on _____, Application Number _____, and</p> <p><input checked="" type="checkbox"/> WHEREAS (if the left box is checked), the Patent Application names the following inventors: <u>Jiajun Zhu, Christopher Paul Urmson, Dirk Haehnel, Nathaniel Fairfield, and Russell Leigh Smith</u> (and whereas I hereby authorize <u>Lerner, David, Littenberg, Krumholz & Mentlik, LLP</u>, to insert in here in brackets [Application No. <u>13/200,958</u>, filed on <u>10-05-11</u>] the application number and filing date of the application when known), and</p> <p>WHEREAS, <u>Google Inc.</u>, incorporated or otherwise formed in <u>Delaware</u> and having a place of business at <u>1600 Amphitheatre Parkway, Mountain View, California 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;</p> <p>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.</p>	
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> <p><u>9/23/2011</u></p> <p>_____ (Date)</p> </div> <div style="text-align: center;">  <p>_____ (Signature)</p> </div> </div> <div style="margin-top: 20px;"> <div style="display: flex; justify-content: center; align-items: center;">  <p>_____ Signature of Witness</p> <p><u>DAVID FERGUSON</u> Printed Name of Witness</p> </div> </div>	

ASSIGNMENT OF PATENT APPLICATION	Docket Number (Optional) GOOGLE 3.0-354
<p>WHEREAS, I, <u>Dirk Haehnel of 1177 Noel Drive; Menlo Park, California 94025</u>, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "SYSTEM AND METHOD FOR EVALUATING THE PERCEPTION SYSTEM OF AN AUTONOMOUS VEHICLE" (hereafter "Patent Application"),</p> <p><input type="checkbox"/> WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on _____, Application Number _____, and</p> <p><input checked="" type="checkbox"/> WHEREAS (if the left box is checked), the Patent Application names the following inventors: <u>Jiajun Zhu, Christopher Paul Urmson, Dirk Haehnel, Nathaniel Fairfield, and Russell Leigh Smith</u> (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. <u>13/200,958</u>, filed on <u>10-05-11</u>] the application number and filing date of the application when known), and</p> <p>WHEREAS, <u>Google Inc., incorporated or otherwise formed in Delaware and having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 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;</p> <p>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.</p>	
<p><u>09/23/2011</u> _____ (Date)</p>	<p><u><i>Dirk Haehnel</i></u> _____ (Signature)</p>
<p><u><i>[Signature]</i></u> _____ Signature of Witness</p> <p><u>DAVID FERGUSON</u> _____ Printed Name of Witness</p>	

ASSIGNMENT OF PATENT APPLICATION

Docket Number (Optional)

GOOGLE 3.0-354

WHEREAS, I, Nathaniel Fairfield of 1158 Burgoyne Street, Mountain View, California 94043, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "SYSTEM AND METHOD FOR EVALUATING THE PERCEPTION SYSTEM OF AN AUTONOMOUS VEHICLE" (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

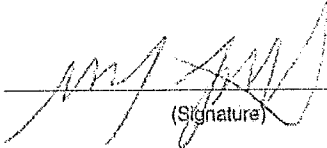
WHEREAS (if the left box is checked), the Patent Application names the following inventors: Jiajun Zhu, Christopher Paul Urmson, Dirk Haehnel, Nathaniel Fairfield, and Russell Leigh Smith (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 13/200,958, filed on 10-05-11] the application number and filing date of the application when known), and

WHEREAS, Google Inc., incorporated or otherwise formed in Delaware and having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 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;

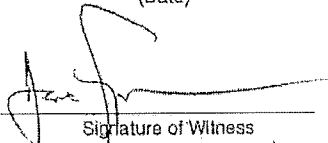
NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, title and interest in and to the Assigned Applications in the United States of America and all other countries, 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.

6/23/2011

(Date)

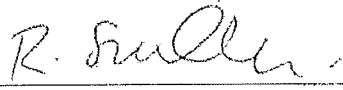



(Signature)



Signature of Witness
DAVID FERGUSON

Printed Name of Witness

ASSIGNMENT OF PATENT APPLICATION	Docket Number (Optional) GOOGLE 3.0-354
<p>WHEREAS, I, <u>Russell Leigh Smith</u> of <u>3157 Allen Way, Santa Clara, California 95051</u>, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "SYSTEM AND METHOD FOR EVALUATING THE PERCEPTION SYSTEM OF AN AUTONOMOUS VEHICLE" (hereafter "Patent Application"),</p> <p><input type="checkbox"/> WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on _____, Application Number _____, and</p> <p><input checked="" type="checkbox"/> WHEREAS (if the left box is checked), the Patent Application names the following inventors: <u>Jialun Zhu, Christopher Paul Umson, Dirk Haehnel, Nathaniel Fairfield, and Russell Leigh Smith</u> (and whereas I hereby authorize <u>Lerner, David, Littenberg, Krumholz & Mentlik, LLP</u>, to insert in here in brackets [Application No. <u>13/200,958</u>, filed on <u>10-05-11</u>] the application number and filing date of the application when known), and</p> <p>WHEREAS, <u>Google Inc.</u>, incorporated or otherwise formed in <u>Delaware</u> and having a place of business at <u>1600 Amphitheatre Parkway, Mountain View, California 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;</p> <p>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.</p> <p style="text-align: center;"> <u>9/23/2011</u> _____ (Date) </p> <p style="text-align: center;">  _____ (Signature) </p> <p style="text-align: center;">  _____ Signature of Witness </p> <p style="text-align: center;"> <u>DAVID FERGUSON</u> _____ Printed Name of Witness </p>	