Form PTO-1595 (Rev. 03-11) OMB No. 0651-0027 (exp. 03/31/2015)	U.S. DEPARTMENT OF COMMERC United States Patent and Trademark Office	
RECORDATION FOR PATENTS		
To the Director of the U.S. Patent and Trademark Office: Please 1. Name of conveying party(les):	Name and address of receiving party(les)	
Michael Steven Montemerlo (05/31/2011), Dmitri A. Dolgov (05/31/2011), and Christopher Paul Urmson (05/31/2011)	Name: Google Inc. Internal Address:	
	Street Address:	
3. Nature of conveyance/Execution Date(s):		
Execution Date(s): in parentheses after inventor name x Assignment Merger Change of Name	1600 Amphitheatre Parkway	
Security Agreement Joint Research Agreement	Cib.: Marratala Marr	
Government Interest Assignment	City: Mountain View	
	State: California	
Executive Order 9424, Confirmatory License Other	Country: United States of America Zip: 94043 Additional name(s) & address(es) Yes X No attached?	
13/932,090 Additional numbers attached?	Yes X No	
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Noelle L. Cacciabeve LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Internal Address: Atty. Dkt.: GOOGLE 3.0-358 CON Street Address: 600 South Avenue West	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)	
City: Westfield	8. Payment information	
State: NJ Zip: 07090		
Phone Number: 908-654-5000		
Fax Number: 908-654-7866	Deposit Account Number 12-1095	
Email Address: mcormier@ldlkm.com	Authorized User Name Noelle L. Cacciabeve	
9. Signature: Moelle L. Cachiolee Signature	9 July 1, 2013 Date	
Noelle L. Cacciabeve - 63,075	Total number of pages including cover	
Name of Person Signing	sheet, attachments, and documents:	

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PATENT REEL: 030755 FRAME: 0297

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ASSIGNMENT OF PATENT APPLICATION	Docket Number (Optional)	
	* I IV/IV	GOOBLE 3.0-358
WHEREAS, I, <u>Michael Steven Montemeric</u> of <u>2</u> invented of discovered inventions or discoveries, the suitential of the discoveries of the suitential of the discoveries of the suitential of the discoveries of the discoveries of the suitential of t	niert meiler	ne: Mountain View, California 94043, have of which is described in the patent application
WHEREAS (If the left box is checked), the Patr Trademark Office on, Application Nu	ent Application	on was filed with the U.S. Petent and
VVHEREAS (If the left box is checked), the Pate Michael Steven Montemerlo, Dmitri A. Dolgov, and Christ David, Litlenberg, Krumholz & Mentilk, LLP, to insert in his 6-1+11, the application number and filing drives.	opher Paul U	Imson (and whereas I hereby authorize Lerner,
WHEREAS, <u>Google Inc.</u> , incorporated or other <u>1600 Amphilheatre Parkway: Mountain View, California</u> or has acquired and is desirous of memorializing its acquired	Mana?./here	after the "accience" to device a constitue
NOW, THEREFORE, for good and valuable ceragree as follows. I agree to assign, and hereby do assign the Assigned Applications in the United States of Americane the Patent Application, including any and all investments the Patent Application, including any and all investments in the Patent Application, pursiforegoing. If agree to assign, and hereby do assign, to experiously conveyed, her am it aware of an obligation to a party. I hereby authorize the U.S. Patent and Trademark issue to assignee all patents resulting from the Assigned At assignee's reasonable request I agree, without further at assignee's expense and to provide other assigned Application, avidence or protect assignee's rights in the Assigned Application of the provisions hereafter indical of its acceptance of the provisions hereafterments of the provision shall remain to the full extending provision.	in, to the assation distributes, respectively, reconvey, my remunerations as test polications. As the assigned reconvey, my reconvey, m	elignees my entire right, title and interest in and to er countries, where "Assigned Applications" veries and other subject metter described elsaue, re-exemination or other application aw or treaty, and any patent issuing from the right to claim such priority or benefit. I have not lights in the Assigned Applications to exhird any other governmental agency in the world, to and to record assignee's ownership thereof, on, to execute and deliver documents prepared imony; as may be reasonably required to had a signal or transfer all or part of its may affix its signal or transfer all or part of its may affix its signal or transfer all or part of the provision herein is unenforceable, the
(Oate)	omi	Ch (Signature)
Signature of Witness		
Printed Name of Witness		ı

ASSIGNMENT OF PATENT APPLICATION	Docket Number (Optional) GOOGLE 3:0-358
WHEREAS, I, <u>Dmiltri A. Dolgov</u> of <u>801 Church Street: Apart</u> have inverted or discovered inventions or discoveries, the subject of application entitled "ZONE DRIVING" (hereafter "Patent Application"	taller of which is described in the natent
WHEREAS (If the left box is checked), the Patent Applicati Trademark Office on, Application Number	on was filed with the U.S. Patent and
WHEREAS (If the left box is checked), the Patent Application Michael Steven Montemeric. Omitri A. Dolgov: and Christopher Paul Unavid, Littenberg, Krumholz & Mentlik, LLP, to Insert in here in bracked 6-1-11 If the application number and filing date of the application number and filing date of the application number.	<u>Irmson</u> (and whereas I hereby authorize Lerner, 18. (Application No. 13/150, 589 filed on
WHEREAS, <u>Google Inc.</u> , Indorporated or otherwise formed <u>1600 Amphitheatre Paffway: Mountain View. California 94043 (hen or has acquired and is desirous of memorializing its acquisition furth same;</u>	safter, the "assignee") is desirous of acquiring
NDW, THEREFORE, for good and valuable consideration if agree as follows. I agree to assign, and hereby do assign, to the assigned Applications in the United States of America and all oil means the Patent Application, including any and all inventions, discontinuation, any divisional, continuation, continuation-in-part, substitute, claiming priority or benefit to the Patent Application pursuant to any foregoing, if agree to assign, and hereby do assign, to assignee the previously ponveyed, nor am I aware of an obligation to convey, my party. I hereby authorize the U.S. Patent and Trademark Office, and issue to assignee all patents resulting from the Assigned Application At assignee's reasonable request I agree, without further remunerated at assignee's expense and to provide other cooperation, such as test evidence or protect assignee's rights in the Assigned Applications. A rights set forth herein in its sole discretion. I agree that the assignee as any other indicts of its acceptance of the provisions hereof: if any requirements of the provision shall remain to the full extent permission shall be depend replaced, to the extent possible, with a provision moffending provision.	signee my entire right, title and interest in and to ner countries, where "Assigned Applications" overles and other subject matter described relesue, re-examination or other application aw or treaty, and any patent issuing from the right to claim such priority or benefit. I have not dights in the Assigned Applications to a third i any other governmental agency in the world, to s and to record assignee's ownership thereof, on, to exacute and deliver documents prepared timony, as may be reasonably required to assignee may assign or transfer all or part of its may affix its eignature to this document as well provision berein is unenforceable, the ole by law and the offending portions thereof
5/31/2011	600
(Date)	(Signature)
Daniel Egnor Printed Name of Witness	
	,

Dockel Number (Optional) ASSIGNMENT OF PATENT APPLICATION GOOGLE 3.0-358 WHEREAS, I, Christopher Paul Urmson of 218 Central Avenue; Mountain View, Galifornia 94043, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entilled "ZONE DRIVING" (hereafter "Palent 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: WHEREAS, <u>Goonle Inc.</u>, incorporated or otherwise formed in <u>Delaware</u> and having a place of business at 1600 Amphilheatre Perkway: Mountain View: California 94043 (hereafter, the "essignee") is desirous of acquiring, or has acquired and is destrous of memorializing its acquisition further herein, the entire right, title and interest in 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" meens the Patent Application, including any and all inventions, discoveries and other subject malter 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 easign, 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 taird 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 Lagree, without further remuneration, to execute and deliver documents prepared at essigned'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. (Signature) Signature of Witness

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PATENT REEL: 030755 FRAME: 0300

RECORDED: 07/01/2013