

PATENT ASSIGNMENT COVER SHEET

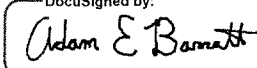
Electronic Version v1.1
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EPAS ID: PAT4483161

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ADAM EDWIN TAYLOR BARRATT	06/23/2017
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:	15631594
CORRESPONDENCE DATA	
Fax Number:	(248)566-8437
<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>	
Phone:	248-566-8470
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Correspondent Name:	HONIGMAN MILLER SCHWARTZ AND COHN LLP
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Address Line 2:	SUITE 300
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ATTORNEY DOCKET NUMBER:	231441-410934
NAME OF SUBMITTER:	BRETT A. KRUEGER
SIGNATURE:	/Brett A. Krueger/
DATE SIGNED:	06/28/2017
Total Attachments: 1	
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ASSIGNMENT

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Adam Edwin Taylor Barratt of 4911 SE Haig Street, Portland, OR 97206, hereby assign to: Google Inc., a corporation of Delaware having a place of business at: 1600 Amphitheatre Parkway, Mountain View, California 94043 ; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest, including the right to sue for past infringement, throughout the world in the inventions and improvements which are subject of an application for UnitedStates Patent signed by me, entitled Common Cathode Laser Driving Circuit, filed June 23, 2017 , and assigned U.S. Serial Number 15/631,594, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all UnitedStates and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, PreliminaryStatements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DocuSigned by:

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Adam Edwin Taylor Barratt