04/27/2018 504890353

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Albert Meixner	07/15/2016
Daniel Frederic Finchelstein	07/11/2016
David Patterson	07/11/2016
William R. Mark	07/11/2016
Jason Rupert Redgrave	07/13/2016
Ofer Shacham	07/11/2016

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:	15946095

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	16113-8215003
NAME OF SUBMITTER:	EDWARD L. PENANO
SIGNATURE:	/EDWARD L. PENANO/
DATE SIGNED:	04/27/2018

PATENT REEL: 045661 FRAME: 0313 504890353

Total Attachments: 2

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> PATENT REEL: 045661 FRAME: 0314

ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: 7171P9045
For good and valuable consideration, the receipt ar	nd sufficiency of which is hereby
acknowledged, I/we, the undersigned, Albert Meixner, Da	<u>iniel Frederic Finchelstein, David Patterson.</u>
William R. Mark, Jason Rupert Redgrave and Ofer Shach	am
hereby sell, assign, and transfer to Google Inc.	
a <u>corporation</u>	of <u>Delaware</u> ,
(Type of Assignee: e.g., corporation, company, partnershi	p, university, etc.)
having a principal place of business at 1600 Amphitheatr	e Parkway, Mountain View. California
94043	```
("Assignee"), and its successors, assigns, and legal repres for the United States and all foreign countries, in and to an are disclosed in the application (provisional or non-provision the non-provisional application may have a declaration exe concurrently herewith and which application (provisional or	y and all inventions or improvements that onal) for the United States patent which for ecuted by the undersigned prior hereto or
Block Operations For An Image Processor Having A	Two-Dimensional Execution Lane
Array and A Two-Dimensional Shift Register	
said patent application also identified as follows (when kno	own):
[I/we hereby authorize an attorney or agent for said number and filing date of said patent application w	d Assignee to insert below the application hen known.]
United States Patent Application Number <u>15/201.237</u>	filed July 1, 2016
and in and to said application (provisional or non-provision provisional applications, utility applications, design applications applications, continued prosecution applications, continuat applications, renewal applications, reissue applications, repatent applications that have been or shall be filled in the Lany of said inventions or improvements; and in and to all or reexamination certificates, and extensions, that have been all foreign countries on said inventions or improvements; a from the filling of said United States application;	tions, divisional applications, continuation ion-in-part applications, substitute examinations, extensions, and all other Inited States and all foreign countries on original patents, reissued patents, or shall be issued in the United States and
agree that said Assignee may apply for and received improvements in its own name; and that, when requested, said Assignee, its successors, assigns, and legal represent and purpose of this Assignment, the undersigned will executive provisional applications, utility applications, design applications, continued applications, continued applications, renewal applications, relssue applications, repatent applications on any and all said inventions or improvassignments, powers of attorney, and other papers; comments.	without charge to, but at the expense of, itatives, to carry out in good faith the intent bute all provisional applications, nontions, divisional applications, continuation dion-in-part applications, substitute examinations, extensions, and all other vements; execute all rightful oaths,

Rev. 1/08/2010

assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

7/15/2016	Abod No-
Date	Albert Meixner
7/11/2016 Date	Daniel Frederic Finchelstein
7/11/2016 ————————————————————————————————————	David Patterson
7/11/2016 Date	UWAM William R. Mark
7/13/2016 ————————————————————————————————————	Jason Rupert Redgrave
7/11/2016 Date	OFer Shacham Ofer Shacham
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Assignment Document Return Address:
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Rev. 1/08/2010