PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHUNG CHUN WAN	08/11/2016
CHOON PING CHNG	08/12/2016
SUK HWAN LIM	08/11/2016
SZEPO ROBERT HUNG	08/10/2016
BLAISE AGUERA-ARCAS	08/11/2016

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:	16155998

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	16113-7715002
NAME OF SUBMITTER:	LORI L. STEWART
SIGNATURE:	/Lori L. Stewart/
DATE SIGNED:	10/10/2018

Total Attachments: 2

PATENT REEL: 047123 FRAME: 0300

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> PATENT REEL: 047123 FRAME: 0301

legal representatives; and

ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: 7171P9034
For good and valuable consideration, the receipt and	d sufficiency of which is hereby
acknowledged, I/we, the undersigned, Chung Chun Wan,	Choon Ping Chng, SukHwan Lim,
Szepo Robert Hung, Blaise Aguera-Arcas	
hereby sell, assign, and transfer to Google Inc.	
a <u>corporation</u> o (Type of Assignee: e.g., corporation, company, partnership, university, e	of <u>Delaware</u> ,
having a principal place of business at 1600 Amphitheatre	Parkway Mountain View California
94043	, array, mountain view, camerna
("Assignee"), and its successors, assigns, and legal represe for the United States and all foreign countries, in and to any are disclosed in the application (provisional or non-provision the non-provisional application may have a declaration exec concurrently herewith and which application (provisional or n	and all inventions or improvements that nal) for the United States patent which for cuted by the undersigned prior hereto or
SMART IMAGE SENSOR HAVING INTEGRATED M said patent application also identified as follows (when known	
[I/we hereby authorize an attorney or agent for said number and filing date of said patent application wh	
United States Patent Application Number <u>15/236,798</u>	filed_ August 15, 2016,
and in and to said application (provisional or non-provisional provisional applications, utility applications, design applications applications, continued prosecution applications, continuation applications, renewal applications, reissue applications, reexpatent applications that have been or shall be filled in the Urrany of said inventions or improvements; and in and to all oring reexamination certificates, and extensions, that have been all foreign countries on said inventions or improvements; and from the filing of said United States application;	ons, divisional applications, continuation on-in-part applications, substitute xaminations, extensions, and all other nited States and all foreign countries on iginal patents, reissued patents, or shall be issued in the United States and
agree that said Assignee may apply for and receive improvements in its own name; and that, when requested, we said Assignee, its successors, assigns, and legal represents and purpose of this Assignment, the undersigned will execut provisional applications, utility applications, design applications, applications, continued prosecution applications, continuation applications, renewal applications, reissue applications, rees	without charge to, but at the expense of, atives, to carry out in good faith the intent at all provisional applications, nonons, divisional applications, continuation on-in-part applications, substitute

patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or

representatives in securing and maintaining proper patent protection for said inventions or

improvements and the history thereof; and generally assist said Assignee, its successors, assigns, 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

-1- Rev. 1/08/2010

PATENT REEL: 047123 FRAME: 0302 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:

8/11/2016	Docusigned by:
Date	Chung Chun Wan
8/12/2016	DocuSigned by: BD4C3B0C296B4E3
Date	Choon Ping Chng
8/11/2016 Date	Docusigned by: J. H. H. J.
8/10/2016	DocuSigned by:
Date	Szepo Robert Hung
8/11/2016	DocuSigned by:

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Blaise Aguera-Arcas

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Date