PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YI QIN	08/01/2018
XINDA HU	08/01/2018
OSCAR MARTINEZ	08/01/2018
SERGE BIERHUIZEN	08/02/2018
JEROME CAROLLO	08/01/2018

RECEIVING PARTY DATA

Name:	GOOGLE LLC
Street Address:	1600 AMPHITHEATRE PARKWAY
City:	MOUNTAIN VIEW
State/Country:	CALIFORNIA
Postal Code:	94043

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16159258

CORRESPONDENCE DATA

Fax Number: (512)355-1119

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.

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Email: google@ds-patent.com **Correspondent Name:** DAVIDSON SHEEHAN LLP Address Line 1: 6836 AUSTIN CENTER BLVD.

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AUSTIN, TEXAS 78731 Address Line 4:

Tatal Attackments O	
DATE SIGNED:	12/11/2018
SIGNATURE:	/Ashley E. Hogenmiller/
NAME OF SUBMITTER: ASHLEY E. HOGENMILLER	
ATTORNEY DOCKET NUMBER:	1500-G18006-US

Total Attachments: 2

PATENT REEL: 047744 FRAME: 0660 source=G18006 Assignment#page1.tif source=G18006 Assignment#page2.tif

> PATENT REEL: 047744 FRAME: 0661

ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged, I, an ASSIGNOR named below,

YI QIN of Mountain View, CA, USA

JEROME CAROLLO of Mountain View, CA, USA

XINDA HU of Mountain View, CA, USA

OSCAR MARTINEZ of Mountain View, CA, USA

SERGE BIERHUIZEN of San Jose, CA, USA

hereby sell, assign and transfer to

ASSIGNEE: Google LLC, a limited liability company having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043

its successors, assigns and legal representatives, my entire right, title and interest throughout the world, including all rights to claim priority, in and to the invention(s) disclosed in:

☑ U.S. Patent Application executed on or about the date of this Assignment,

U.S. Patent Applie	cation executed on, or Application No filed on
	No.:, filed on
☐ International App	lication No.: PCT/ , filed on
ENTITLED:	NEAR-EYE SYSTEM HAVING POLARIZATION WAVEGUIDE, having
REFERENCE NO.:	1500-G18006, and naming as
INVENTORS:	YI QIN, JEROME CAROLLO, XINDA HU, OSCAR MARTINEZ and SERGE BIERHUIZEN
and foreign applications (inc said invention(s), including and extensions thereof, and i	my entire right, title and interest in and to any and all United States cluding international, regional and foreign national applications) for divisions, continuations, continuations-in-part, renewals, substitutes n and to any and all patents of every country or region that may be and for said invention(s), including any reissues and reexaminations
application number and f	3.21 for recording this Assignment, I authorize and request that the filing date be inserted here, if not already shown above,) when they become known.
I authorize ASSIGNEE to app	ply for patents of foreign countries for said invention(s), and to claim

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all rights of priority without further authorization from me.

I agree to execute any and all papers useful in connection with any and all United States and foreign applications (including international, regional, and foreign national applications), and generally to do everything possible to aid ASSIGNEE, its successors, assigns and nominees, at their request and reasonable expense, in obtaining and enforcing patents for said invention(s) in all countries.

I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.

I authorize and request the Commissioner of Patents and Trademarks to issue any U.S. Letters Patent that may be granted for said invention(s) to ASSIGNEE, its successors or assigns.

DocuSigned by: Ui Ain	8/1/2018	
Yi Qin	Date	
DocuSigned by: Lula Hu 55041C3E73F746E	8/1/2018	
Xinda Hu	Date	
DocuSigned by:	8/1/2018	
Oscar Martinez	Date	
DocuSigned by: S. Russeller St. 100 (1990)	8/2/2018	
Serge Bierhuizen	Date	
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Jerome Carollo	Date	