505760154 11/06/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KALYAN K. SUNKAVALLI	11/28/2017
YANNICK HOLD-GEOFFROY	11/28/2017
SUNIL HADAP	11/28/2017
MATTHEW DAVID FISHER	11/28/2017
JONATHAN EISENMANN	11/29/2017
EMILIANO GAMBARETTO	11/28/2017

RECEIVING PARTY DATA

Name:	ADOBE INC.
Street Address:	345 PARK AVENUE
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95110-2704

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16675641

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NAME OF SUBMITTER: TRACI M. BURKE

SIGNATURE: /TRACI M. BURKE/

DATE SIGNED: 11/06/2019

Total Attachments: 3

PATENT REEL: 050932 FRAME: 0036

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> PATENT REEL: 050932 FRAME: 0037

ASSIGNMENT

WHEREAS, we, Kalyan K. Sunkavalli, Yannick Hold-Geoffroy, Sunil Hadap, Matthew David Fisher, Jonathan Eisenmann, and Emiliano Gambaretto ("ASSIGNORS"), are the original and joint inventors of subject matter disclosed and/or claimed in a nonprovisional patent application, the title of which is:

NEURAL NETWORK-BASED CAMERA CALIBRATION

WHEREAS, ADOBE SYSTEMS INCORPORATED ("ASSIGNEE"), a corporation duly organized under the laws of the State of Delaware, and having its principal place of business at 345 Park Avenue, San Jose, California 95110-2704, USA, is desirous of acquiring an interest in, to and under said invention, said application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right, title and interest, throughout the world, in, to and under said invention as fully set forth and described in the above-identified application; in, to and under any and all refilings, divisions and continuations of said application; in, to and under any and all Letters Patent of the United States of America which

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PATENT REEL: 050932 FRAME: 0038 may issue from said application, refilings, divisions and continuations; in, to and under any and all reissues of said Letters Patent of the United States of America; in, to and under any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said ASSIGNEE, for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and ASSIGNORS do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this 28th	day of November , 2017.	
	Kalyan Sunkavalli	,
	Kalyan K. Sunkavalli	
EXECUTED this 28th	day of <u>November</u> , 2017.	
	Xannick Hold-Geoffroy / Yannick Hold-Geoffroy (Nov 26, 2017)	/
	Yannick Hold-Geoffroy	
EXECUTED this 28th	day of November, 2017.	
	Sunil Hadap / Sunil Hadap (Jan 10, 2018)	/
	Sunil Hadap	

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EXECUTED this 28th	day of <u>November</u> , 2017.	
	Matthew Fisher	
	Matthew David Fisher	
		*-
EXECUTED this 29th	day of November, 2017.	
	/ J Stscarmann (Nov 25, 2017)	. /
	Jonathan Eisenmann	
EXECUTED this 28th	day of, 2017.	
	, Civiliano Jambaretto	/
	Emiliano Gambaretto	

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