504159755 12/30/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KALYAN K. BHIRAVABHATLA	12/16/2016
SUBRAMANIAM MAIYURAN	12/24/2016
ROBERT M. TOTH	12/18/2016
TOMASZ JANCZAK	12/14/2016

RECEIVING PARTY DATA

Name:	INTEL CORPORATION
Street Address:	2200 MISSION COLLEGE BOULEVARD
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15394027

CORRESPONDENCE DATA

Fax Number: (202)683-6783

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.

Phone: 202-683-9317

Email: admin3@jordaniplaw.com JORDAN IP LAW, LLC **Correspondent Name:**

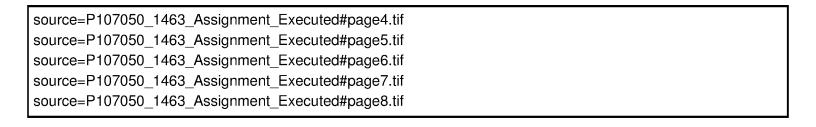
12501 PROSPERITY DRIVE, SUITE 401 Address Line 1: Address Line 4: SILVER SPRING, MARYLAND 20904

ATTORNEY DOCKET NUMBER:	P107050
NAME OF SUBMITTER:	B. DELANO JORDAN
SIGNATURE:	/B. Delano Jordan/
DATE SIGNED:	12/30/2016

Total Attachments: 8

source=P107050_1463_Assignment_Executed#page1.tif source=P107050 1463 Assignment Executed#page2.tif source=P107050 1463 Assignment Executed#page3.tif

PATENT REEL: 040811 FRAME: 0981 504159755



PATENT REEL: 040811 FRAME: 0982

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

Kalyan K. Bhiravabhatla; Subramaniam Maiyuran; Robert M. Toth; Tomasz Janczak

hereby sell, assign, and transfer to:

Intel Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 95054 USA ("Assignee"), and its successors, assigns, and logal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

REPLICATING PRIMITIVES ACROSS MULTIPLE VIEWPORTS

designated lines below, the filing date and ap	plication number of	said application when known.)	
which was filed on		88	
US COUNTRY or International Office	Application Number		and

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and

Page 1 of 2

maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

Brahan Keemahin	12/16/2016
Kalyan K. Bhiravabhatla	Date signed
Subramaniam Maiyuran	Date signed
Robert M. Toth	Date signed
Tomasz Janczak	Date signed

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which was filed on	······	 28	۴
COUNTRY or International Office	Application Number		and

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Kalyan K. Bhiravabhatla	Date signed
Subramaniam Maiyuran	12/24/16
oweren and marking	Date signed
Robert M. Toth	Date signed
Tomasz Janczak	Date signed

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(I hereby authorize and request any attorney designated lines below, the filing date and ap			the
which was filed on	······	as .	
US	Application Number		and
COUNTRY or International Office			

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Kalyan K. Bhiravabhatla	Date signed
Subramaniam Maiyuran	Date signed
Rext or	2016-12-18
Robert M. Toth	Date signed
Tomasz Janczak	Date signed *

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which was filed on		
US COUNTRY or International Office	Application Number	300

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Page Lof 2

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Kalyan K. Bhiravabhatla	Date signed
Sobramaniam Maiyuran	Date signed
Robert M. Toth	Date signed
Jonan Janisak	12/14/2016
Tomasz Janczak	Date signed