504966167 06/19/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5012913

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZACHARY R. YOSCOVITS	06/08/2018
ROMAN CAUDILLO	06/08/2018
RAVI PILLARISETTY	06/18/2018
HUBERT C. GEORGE	06/08/2018
ADEL A. ELSHERBINI	06/08/2018
LESTER LAMPERT	06/13/2018
JAMES S. CLARKE	06/12/2018
NICOLE K. THOMAS	06/08/2018
KANWALJIT SINGH	06/11/2018
DAVID J. MICHALAK	06/08/2018
JEANETTE M. ROBERTS	06/08/2018

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:	16011812

CORRESPONDENCE DATA

Fax Number: (972)226-4837

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: 617-268-6487

Email: liseann@patcapgroup.com, docketing@patcapgroup.com

Correspondent Name: NATALYA HARTMANN
Address Line 1: 2816 LAGO VISTA LANE
Address Line 2: PATENT CAPITAL GROUP
Address Line 4: ROCKWALL, TEXAS 75032

504966167 PATENT REEL: 047267 FRAME: 0639

ATTORNEY DOCKET NUMBER:	AA9405-US
NAME OF SUBMITTER:	LISE ANN RUGGERI-KALIL
SIGNATURE:	/Lise Ann Ruggeri-Kalil/
DATE SIGNED:	06/19/2018

Total Attachments: 33

source=AA9405-US Assignment#page1.tif source=AA9405-US Assignment#page2.tif source=AA9405-US Assignment#page3.tif source=AA9405-US Assignment#page4.tif source=AA9405-US Assignment#page5.tif source=AA9405-US Assignment#page6.tif source=AA9405-US Assignment#page7.tif source=AA9405-US Assignment#page8.tif source=AA9405-US Assignment#page9.tif source=AA9405-US Assignment#page10.tif source=AA9405-US Assignment#page11.tif source=AA9405-US Assignment#page12.tif source=AA9405-US Assignment#page13.tif source=AA9405-US Assignment#page14.tif source=AA9405-US Assignment#page15.tif source=AA9405-US Assignment#page16.tif source=AA9405-US Assignment#page17.tif source=AA9405-US Assignment#page18.tif source=AA9405-US Assignment#page19.tif source=AA9405-US Assignment#page20.tif source=AA9405-US Assignment#page21.tif source=AA9405-US Assignment#page22.tif source=AA9405-US Assignment#page23.tif source=AA9405-US Assignment#page24.tif source=AA9405-US Assignment#page25.tif source=AA9405-US Assignment#page26.tif source=AA9405-US Assignment#page27.tif source=AA9405-US Assignment#page28.tif source=AA9405-US Assignment#page29.tif source=AA9405-US Assignment#page30.tif source=AA9405-US Assignment#page31.tif source=AA9405-US Assignment#page32.tif source=AA9405-US Assignment#page33.tif

> PATENT REEL: 047267 FRAME: 0640

ASSIGNMENT

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

Zachary R. Yoscovits
Roman Caudillo
Ravi Pillarisetty
Hubert C. George
Adel A. Elsherbini
Lester Lampert
James S. Clarke
Nicole K. Thomas
Kanwaljit Singh
David J. Michalak
Jeanette M. Roberts

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 legal 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:

QUANTUM CIRCUIT ASSEMBLIES WITH JOSEPHSON JUNCTIONS UTILIZING RESISTIVE SWITCHING MATERIALS

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	June 19, 2018		as	
US		Application Number	16/011,812	and
COUNTRY or Inte	rnational Office	• •		

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 provisional, 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 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

		6/8/18
*****	Zachary R. Yoscovits	(Today's Date)
	Roman Caudillo	(Today's Date)
	Ravi Pillarisetty	(Today's Date)
	Hubert C. George	(Today's Date)
<u></u>	Adel A. Elsherbini	(Today's Date)
	Lester Lampert	(Today's Date)
<u></u>	James S. Clarke	(Today's Date)

Nicole K. Thomas	(Today's Date)
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Ravi Pillarisetty	(Today's Date)
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Adel A. Elsherbini	<u>06/08/20</u> [] (Today's Date)
Lester Lampert	(Today's Date)
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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.

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Jeanette M. Roberts	(Today's Date)

ASSIGNMENT

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

Zachary R. Yoscovits
Roman Caudillo
Ravi Pillarisetty
Hubert C. George
Adel A. Elsherbini
Lester Lampert
James S. Clarke
Nicole K. Thomas
Kanwaljit Singh
David J. Michalak
Jeanette M. Roberts

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 legal 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:

QUANTUM CIRCUIT ASSEMBLIES WITH JOSEPHSON JUNCTIONS UTILIZING RESISTIVE SWITCHING MATERIALS

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	June 19, 2018		as	
US		Application Number	16/011,812	and
COUNTRY or Inte	rnational Office	• •		

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 provisional, 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 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

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Roman Caudillo	(Today's Date)
Ravi Pillarisetty	(Today's Date)
Hubert C. George	(Today's Date)
Adel A. Elsherbini	(Today's Date)
Lester Lampert	(Today's Date)
James S. Clarke	(Today's Date)

Nicole K. Thomas	(Today's Date)
Kanwaljit Singh	June 11, 2018
Kanwaljit Singh	(Today's Date)
David J. Michalak	(Tadawa Data)
David J. Milenarak	(Today's Date)
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Jeanette M. Roberts	(Today's Date)

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Hubert C. George	(Today's Date)
Adel A. Elsherbini	(Today's Date)
Lester Lampert	(Today's Date)
James S. Clarke	(Today's Date)

Nicole K. Thomas	(Today's Date)	
Kanwaljit Singh	(Today's Date)	
D	06/08/2018	
David J. Michalak	(Today's Date)	

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Lester Lampert	(Today's Date)
James S. Clarke	(Today's Date)

(Today's Date)
(Today's Date)
(Today's Date)
June 8, 2018 (Today's Date)