

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4939715

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAVID HUNT	04/13/2018
NIALL POWER	04/16/2018
KEVIN DEVEY	04/13/2018
CHANGZHENG WEI	04/16/2018
BRUCE RICHARDSON	04/13/2018
ELIEZER TAMIR	04/16/2018
ANDREW CUNNINGHAM	04/23/2018
CHRIS MACNAMARA	04/26/2018
NEMANJA MARJANOVIC	04/17/2018
RORY SEXTON	04/13/2018
JOHN BROWNE	04/18/2018
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:	15951391
CORRESPONDENCE DATA	
Fax Number:	(317)231-7433
<i>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.</i>	
Phone:	317-231-1313
Email:	ktyree@btlaw.com
Correspondent Name:	BARNES & THORNBURG LLP
Address Line 1:	11 S. MERIDIAN STREET
Address Line 4:	INDIANAPOLIS, INDIANA 46204

ATTORNEY DOCKET NUMBER:	AA9846-US/45631-276999
NAME OF SUBMITTER:	GLEN MADISON KELLETT
SIGNATURE:	/Glen Madison Kellett/
DATE SIGNED:	05/01/2018

Total Attachments: 9

source=AA9846-US exec assign#page1.tif
source=AA9846-US exec assign#page2.tif
source=AA9846-US exec assign#page3.tif
source=AA9846-US exec assign#page4.tif
source=AA9846-US exec assign#page5.tif
source=AA9846-US exec assign#page6.tif
source=AA9846-US exec assign#page7.tif
source=AA9846-US exec assign#page8.tif
source=AA9846-US exec assign#page9.tif

ASSIGNMENT

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

DAVID HUNT; NIALL POWER; KEVIN DEVEY; CHANGZHENG WEI; BRUCE RICHARDSON; ELIEZER TAMIR; ANDREW CUNNINGHAM; CHRIS MACNAMARA; NEMANJA MARJANOVIC; RORY SEXTON; JOHN BROWNE

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:

TECHNOLOGIES FOR PROVIDING EFFICIENT DETECTION OF IDLE POLL LOOPS

(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 April 12, 2018 as
United States Application Number 15/951,391 and

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

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

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.

 _____ David Hunt	<u>13/APR/2018</u> Date signed
_____ Niall Power	_____ Date signed
_____ Kevin Devey	_____ Date signed
_____ Changzheng Wei	_____ Date signed
 _____ Bruce Richardson	<u>13 April 2018</u> Date signed
_____ Eliezer Tamir	_____ Date signed
_____ Andrew Cunningham	_____ Date signed
_____ Chris MacNamara	_____ Date signed
 _____ Nemanja Marjanovic	<u>17 April 2018</u> Date signed
 _____ Rory Sexton	<u>13 April 2018</u> Date signed
_____ John Browne	_____ Date signed

Assignee: INTEL CORPORATION

Name of Representative of Legal Entity: _____

Signature: _____

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

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.

_____ David Hunt <i>Niall Power</i> _____ Niall Power	_____ Date signed <i>16/04/18</i> _____ Date signed
_____ Kevin Devey	_____ Date signed
_____ Changzheng Wei	_____ Date signed
_____ Bruce Richardson	_____ Date signed
_____ Eliezer Tamir	_____ Date signed
_____ Andrew Cunningham	_____ Date signed
_____ Chris MacNamara	_____ Date signed
_____ Nemanja Marjanovic	_____ Date signed
_____ Rory Sexton	_____ Date signed
_____ John Browne	_____ Date signed

Assignee: INTEL CORPORATION

Name of Representative of Legal Entity: _____

Signature: _____

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

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.

_____ David Hunt	_____ Date signed
_____ Niall Power	_____ Date signed
_____ <i>Kevin Devey</i> Kevin Devey	_____ 13/04/2018 Date signed
_____ Changzheng Wei	_____ Date signed
_____ Bruce Richardson	_____ Date signed
_____ Eliezer Tamir	_____ Date signed
_____ Andrew Cunningham	_____ Date signed
_____ Chris MacNamara	_____ Date signed
_____ Nemanja Marjanovic	_____ Date signed
_____ Rory Sexton	_____ Date signed
_____ John Browne	_____ Date signed

Assignee: INTEL CORPORATION

Name of Representative of Legal Entity: _____

Signature: _____

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

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.

_____ David Hunt	_____ Date signed
_____ Niall Power	_____ Date signed
_____ Kevin Devey	_____ Date signed
_____ <i>Changzheng Wei</i> Changzheng Wei	_____ <i>4/16/2018</i> Date signed
_____ Bruce Richardson	_____ Date signed
_____ Eliezer Tamir	_____ Date signed
_____ Andrew Cunningham	_____ Date signed
_____ Chris MacNamara	_____ Date signed
_____ Nemanja Marjanovic	_____ Date signed
_____ Rory Sexton	_____ Date signed
_____ John Browne	_____ Date signed


Assignee: INTEL CORPORATION

Name of Representative of Legal Entity: _____

Signature: _____

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

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.

_____ David Hunt	_____ Date signed
_____ Niall Power	_____ Date signed
_____ Kevin Devey	_____ Date signed
_____ Changzheng Wei	_____ Date signed
_____ Bruce Richardson	_____ Date signed
_____  Eliezer Tamir	_____ 2/11/16 th , 2018 Date signed
_____ Andrew Cunningham	_____ Date signed
_____ Chris MacNamara	_____ Date signed
_____ Nemanja Marjanovic	_____ Date signed
_____ Rory Sexton	_____ Date signed
_____ John Browne	_____ Date signed


Assignee: INTEL CORPORATION

Name of Representative of Legal Entity: _____

Signature: _____

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

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.

_____ David Hunt	_____ Date signed
_____ Niall Power	_____ Date signed
_____ Kevin Devey	_____ Date signed
_____ Changzheng Wei	_____ Date signed
_____ Bruce Richardson	_____ Date signed
_____ Eliezer Tamir	_____ Date signed
 _____ Andrew Cunningham	_____ 23-04- 2018 2018 Date signed
_____ Chris MacNamara	_____ Date signed
_____ Nemanja Marjanovic	_____ Date signed
_____ Rory Sexton	_____ Date signed
_____ John Browne	_____ Date signed


Assignee: INTEL CORPORATION

Name of Representative of Legal Entity: _____

Signature: _____

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

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.

_____	_____
David Hunt	Date signed
_____	_____
Niall Power	Date signed
_____	_____
Kevin Devey	Date signed
_____	_____
Changzheng Wei	Date signed
_____	_____
Bruce Richardson	Date signed
_____	_____
Eliezer Tamir	Date signed
_____	_____
Andrew Cunningham	Date signed
	26-Apr-18
Chris MacNamara	Date signed
_____	_____
Nemanja Marjanovic	Date signed
_____	_____
Rory Sexton	Date signed
_____	_____
John Browne	Date signed

Assignee: INTEL CORPORATION

Name of Representative of Legal Entity: _____

Signature: _____

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

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.

_____ David Hunt	_____ Date signed
_____ Niall Power	_____ Date signed
_____ Kevin Devey	_____ Date signed
_____ Changzheng Wei	_____ Date signed
_____ Bruce Richardson	_____ Date signed
_____ Eliezer Tamir	_____ Date signed
_____ Andrew Cunningham	_____ Date signed
_____ Chris MacNamara	_____ Date signed
_____ Nemanja Marjanovic	_____ Date signed
_____ Rory Sexton	_____ Date signed
_____ <i>John Browne</i> John Browne	_____ 18 APRIL 2018 Date signed

Assignee: INTEL CORPORATION

Name of Representative of Legal Entity: _____

Signature: _____