504708762 12/29/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4755484

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
ALEX KOSTINSKY		08/29/2014
TOMER LEVY		08/25/2014
PAUL S. CHESES		08/21/2014
DANNY NAIGER		08/23/2014
THEODORE Z. SHOENBORN		08/31/2014
CHRISTOPHER P. MOZAK		09/10/2014
NAGI ABOULENEIN		08/21/2014
JAMES M. SHEHADI		09/17/2014

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:	15666436

CORRESPONDENCE DATA

Fax Number:	(801)	(801)566-0750		
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:	801 5	801 566 6633		
Email:	kimbe	kimberly.fullmer@tnw.com		
Correspondent Name:	THO	THORPE NORTH & WESTERN LLP / INTEL		
Address Line 1:	8180	8180 S 700 E STE 350		
Address Line 4:	SANDY, UTAH 84070			
ATTORNEY DOCKET NUMB	ER:	3224-P63528.D1		
NAME OF SUBMITTER:		TODD B ALDER		
SIGNATURE:		/Todd B Alder/		

DATE SIGNED:	12/29/2017	
Total Attachments: 9		
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ASSIGNMENT

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

ALEXEY KOSTINSKY; TOMER LEVY; PAUL S. CHESES; DANNY NAIGER; THEODORE Z. SHOENBORN; CHRISTOPHER P. MOZAK; NAGI ABOULENEIN; JAMES M. SHEHADI

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 ("Assignce"), 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:

INTERFERENCE TESTING

(I hereby suthorize 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 <u>March 28, 201</u>	4	315	
US COUNTRY or International Office	Application Number	14/229,460	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 Assignce 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 Assignce, 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

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PATENT REEL: 044993 FRAME: 0937

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.

.....

Alexey Kostinsky

Tomer Levy

Paul S. Cheses

Danny Naiger

Theodore Z. Shoenborn

Christopher P. Mozak

Nagi Aboulenein

James M. Shehadi

Date signed

Date signed

Date signed

Date signed

Date signed

Date signed

Page 2 of 2

PATENT REEL: 044993 FRAME: 0938

Date signed

<u>Aug-21 2014</u> Date signed

Attorney Docket No.: P63528

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 Assignce, its successors, assigns, and legal representatives; and

covenant with said Assignce, 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 undensigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Alexcy Kostinsky	Date signed
Also	7 25 /14 Date signed
Tomer Lévy	Date signed
Paul S. Cheses	Date signed
Danny Naiger	Date signed
Theodore Z. Shoenborn	Date signed
Christopher P. Mozak	Date signed
Nagi Aboulenein	Date signed
James M. Shehadi	Date signed
Page 2 of 2	
	PATENT REEL: 044993 FRAME: 0939

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Alexey Kostinsky	Date signed
Tomer Levy	Date signed
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Paul S. Cheses	Date signed
Danny Naiger	Date signed
Theodore Z. Shoenborn	Date signed
Christopher P. Mozak	Date signed
Nagi Aboulencin	Date signed
James M. Sbehadi	Date signed

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Page 2 of 2

PATENT REEL: 044993 FRAME: 0941

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Alexey Kostinsky	Date signed
Tomer Levy	Date signed
Paul S. Cheses	Date signed
Danny Naiger	Date signed
Theodore Z. Shoenborn	 Date signed
- THEOREM Z. OHIOLMUORI	
Christopher P. Mozak	Date signed
Nagi Aboulenein	Date signed
James M. Shehadi	Date signed

Page 2 of 2

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Tomer Levy	Date signed
Paul S. Cheses	Date signed
Danny Naiger	Date signed
Theodore Z. Shoenborn	Date signed
<u>Christopher P. Mozak</u>	<u>¶-);;- [4</u> Date signed
Nagi Aboulenein	Date signed
James M. Shehadi	Date signed

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Christopher P. Mozak	Date signed	
N-Ala	S - 2 1 - 14-	
Nagi Aboulenein	Date signed	
James M. Shehadi	Date signed	

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Theodore Z. Shoenborn	Date signed
Christopher P. Mozak	Date signed
Nagi Abouleneip	Date signed
James M. Shehadi	<u> </u>

Page 2 of 2

RECORDED: 12/29/2017