### 504335334 04/24/2017

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4382022

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ISRAEL DIAMAND	01/17/2017
ZVIKA GREENFIELD	02/05/2017
JULIUS MANDELBLAT	03/23/2017
ASAF RUBINSTEIN	02/06/2017

#### **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:	15394550

#### **CORRESPONDENCE DATA**

Fax Number:

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:** 408 720-8300

**Email:** janece shannon@bstz.com

Correspondent Name: BLAKELY SOKOLOFF TAYLOR & ZAFMAN

Address Line 1: 1279 OAKMEAD PARKWAY

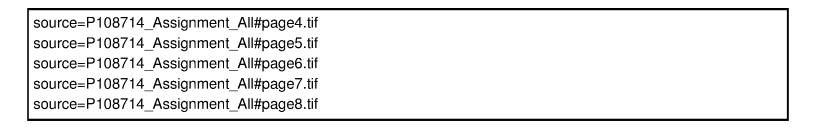
Address Line 4: SUNNYVALE, CALIFORNIA 94085-4040

ATTORNEY DOCKET NUMBER:	P108714
NAME OF SUBMITTER:	ROBERT B. O'ROURKE
SIGNATURE:	/Robert B. O'Rourke/
DATE SIGNED:	04/24/2017

**Total Attachments: 8** 

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PATENT 504335334 REEL: 042131 FRAME: 0114



PATENT REEL: 042131 FRAME: 0115

## <u>ASSIGNMENT</u>

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

Israel Diamand, Zvika Greenfield, Julius Mandelblat And Asaf Rubinstein

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:

# MULTI LEVEL SYSTEM MEMORY HAVING DIFFERENT CACHING STRUCTURES AND MEMORY CONTROLLER THAT SUPPORTS CONCURRENT LOOK-UP INTO THE DIFFERENT CACHING STRUCTURES

(I hereby authorize and request my attorney, associated with customer number 45209, to insert on the designated lines below, the filling date and application number of said application when known.)

which was filed on	December 29, 2016		
US COUNTRY or Inte	cappend	tion Number <u>15/39</u>	4,550 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 filled in the United States and all other countries and international filling 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

Page 1 of 2

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 properly 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.

	17/1/12
Israel Diamand	Date signed
Zvika Greenfield	Date signed
Julius Mandelblat	Date signed
Asaf Rubinstein	Date signed

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which was filed on December 2		, 2016		_ as	
US		Application Number	15/394,550	and	
COUNTRY or Inter	rnational Office	••		_	

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<b>3</b>		
	Israel Diamand	Date signed
		# FEB 5 2017
	Zvika Greenfield	Date signed
	Julius Mandelblat	Date signed
	Asaf Rubinstein	Date signed

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PATENT REEL: 042131 FRAME: 0120

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Israel Diamand	Date signed		
Zvika Greenfield	Date signed		
	_03/23// <del>7</del>		
Juffius Mandelblat	Date signed		
Asaf Rubinstein	Date sioned		

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PATENT REEL: 042131 FRAME: 0122

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