## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DANIEL CHU	08/08/2014
KIRAN PANGAL	08/11/2014
NATHAN FRANKLIN	08/08/2014
PRASHANT DAMLE	08/08/2014
HU CHAOHONG	03/30/2015

#### **RECEIVING PARTY DATA**

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

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14204376

### **CORRESPONDENCE DATA**

**Fax Number:** (603)668-6560

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:** (520) 339-6522

Email: INTELDOCS DOCKETING@CPAGLOBAL.COM

Correspondent Name: EDMUND P. PFLEGER
Address Line 1: C/O CPA GLOBAL
Address Line 2: P.O. BOX 52050

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	P63317
NAME OF SUBMITTER:	EDMUND P. PFLEGER
SIGNATURE:	/Edmund P. Pfleger/
DATE SIGNED:	04/16/2015

Total Attachments: 8

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# **ASSIGNMENT**

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

## DANIEL CHU; KIRAN PANGAL; NATHAN FRANKLIN; PRASHANT DAMLE; HU CHAOHONG

hereby sell, assign, and transfer to:

COUNTRY or International Office

# **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:

### MITIGATING READ DISTURB IN A CROSS-POINT MEMORY

	st any attorney having appropriate a ng date and application number of sa	uthority from the assignee to insert on the aid application when known.)	e
which was filed on	March 11, 2014	as	
United States	Application Number	14/204 376	n/l

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

Deal Co	8/8/2014
DANIEL CHU	Date signed
KIRAN PANGAL	Date signed
NATHAN FRANKLIN	Date signed
PRASHANT DAMLE	Date signed
HU CHAOHONG	Date signed

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### MITIGATING READ DISTURB IN A CROSS-POINT MEMORY

		attorney having appropriate e and application number of		
which was	filed on March	11, 2014	as	
<u>United St</u>	tates RY or International	Application Number	14/204.376	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 filling offices on said inventions and improvements; and in and to all rights of priority resulting from the filling 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;

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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

DANIEL CHU	Date signed
J	.8/11/14
KIRAN PANGAL	Date signed
Must Will	5/3/14
NATHAN FRANKLIN	Date signed
PRASHANT DAMLE	Date signed
HU CHAOHONG	Date signed

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### MITIGATING READ DISTURB IN A CROSS-POINT MEMORY

	uest any attorney having appropriate : filing date and application number of s		
which was filed on	March 11, 2014	as	
United States	Application Number	14/204.376	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;

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Page 1 of 2

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Date signed  Date signed
Date signed
Date signed
8/8/2014
Date signed

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### MITIGATING READ DISTURB IN A CROSS-POINT MEMORY

(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	March 11, 2014	as	

Mutch Mas Hied on INT	arch 11, 2014	as	
United States	Application Number	14/204.376	and
COUNTRY or Internation	onal 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 design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

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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

DANIEL CHU	Date signed
KIRAN PANGAL	Date signed
NATHAN FRANKLIN	Date signed
PRASHANT DAMLE	Date signed
HUCHAOHONG	03 2015 Date signed