

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3348211

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STEVE KEATING	11/21/2008
NICK LINDERT	11/21/2008
NADIA RAHHAL-ORABI	12/12/2008
BRIAN DOYLE	12/16/2008
SATYARTH SURI	12/11/2008
SWAMINATHAN SIVAKUMAR	12/14/2008
LANA JONG	12/16/2008
LIN SHA	12/16/2008
RECEIVING PARTY DATA	
Name:	INTEL CORPORATION
Street Address:	2200 MISSION COLLEGE BOULEVARD
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95052
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	13028400
Application Number:	13868273
CORRESPONDENCE DATA	
Fax Number:	(801)566-0750
<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:	801-566-6633
Email:	solomon@tnw.com
Correspondent Name:	THORPE NORTH & WESTERN, LLP
Address Line 1:	P.O. BOX 52050
Address Line 2:	C/O CPA GLOBAL
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402
ATTORNEY DOCKET NUMBER:	P27523D & P27523DC
NAME OF SUBMITTER:	DAVID W. OSBORNE

PATENT

SIGNATURE:	/David W. Osborne/
DATE SIGNED:	05/11/2015
Total Attachments: 8 source=P27523 Executed Assignment#page1.tif source=P27523 Executed Assignment#page2.tif source=P27523 Executed Assignment#page4.tif source=P27523 Executed Assignment#page6.tif source=P27523 Executed Assignment#page8.tif source=P27523 Executed Assignment#page10.tif source=P27523 Executed Assignment#page12.tif source=P27523 Executed Assignment#page14.tif	

ASSIGNMENT

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

**STEVE KEATING, NICK LINDERT, NADIA RAHHAL-ORABI, BRIAN DOYLE,
SATYARTH SURI, SWAMINATHAN SIVAKUMAR, LANA JONG, LIN SHA**

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, 95052 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent entitled:

METHOD OF PATTERNING A METAL ON A VERTICAL SIDEWALL OF AN EXCAVATED FEATURE, METHOD OF FORMING AN EMBEDDED MIM CAPACITOR USING SAME, AND EMBEDDED MEMORY DEVICE PRODUCED THEREBY

(I hereby authorize and request my attorney, associated with Customer Number 59796, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on Septemeber 30, 2008 as
United States Application Number 12/286,338 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 design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries 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 foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States applications;

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 design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, 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

**INTEL CORPORATION
LCA/PAL FORMS**

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.

_____ Steve Keating <i>Nick Lindert</i> _____ Nick Lindert	_____ (Today's Date) <i>11/21/08</i> _____ (Today's Date)
_____ Nadia Rahhal-Orabi _____	_____ (Today's Date) _____
_____ Brian Doyle _____	_____ (Today's Date) _____
_____ Satyarth Suri _____	_____ (Today's Date) _____
_____ Swaminathan Sivakumar _____	_____ (Today's Date) _____
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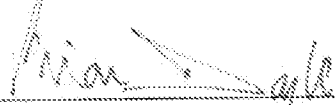
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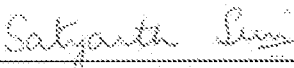
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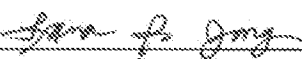
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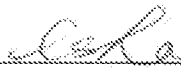
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(Today's Date)



Lin Sha 12/16/08
(Today's Date)