

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ramesh Thomas</td> <td>02/11/2013</td> </tr> <tr> <td>Kuo-Lang Tseng</td> <td>02/11/2013</td> </tr> <tr> <td>Ravi L. Sahita</td> <td>02/11/2013</td> </tr> <tr> <td>David M. Durham</td> <td>02/11/2013</td> </tr> <tr> <td>Madhukar Tallam</td> <td>02/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	Ramesh Thomas	02/11/2013	Kuo-Lang Tseng	02/11/2013	Ravi L. Sahita	02/11/2013	David M. Durham	02/11/2013	Madhukar Tallam	02/11/2013
Name	Execution Date												
Ramesh Thomas	02/11/2013												
Kuo-Lang Tseng	02/11/2013												
Ravi L. Sahita	02/11/2013												
David M. Durham	02/11/2013												
Madhukar Tallam	02/11/2013												
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													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13734834</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13734834								
Property Type	Number												
Application Number:	13734834												
CORRESPONDENCE DATA													
Fax Number:	5037962900												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	(503) 222-9981												
Email:	elawless@schwabe.com												
Correspondent Name:	Schwabe, Williamson & Wyatt, P.C.												
Address Line 1:	1211 SW Fifth Avenue, Suite 1600												
Address Line 4:	Portland, OREGON 97204												
ATTORNEY DOCKET NUMBER:	116536-189013 (P36689)												
NAME OF SUBMITTER:	Enoy Lawless												
Signature:	/Enoy Lawless/												

CH \$40.00 13734834

Date:

04/03/2013

Total Attachments: 4

source=P36689 Signed Assignment#page1.tif

source=P36689 Signed Assignment#page2.tif

source=P36689 Signed Assignment#page3.tif

source=P36689 Signed Assignment#page4.tif

A S S I G N M E N T

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged that the undersigned,

ASSIGNOR(S): Ramesh Thomas
Kuo-Lang Tseng
Ravi L. Sahita
David M. Durham
Madhukar Tallam

hereby sell, assign, and transfer to

ASSIGNEE: Intel Corporation
2200 Mission College Boulevard
Santa Clara, California 95054

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 improvements that are disclosed in the application for the United States patent entitled:

INCREASING VIRTUAL-MEMORY EFFICIENCIES

(I hereby authorize and request my attorney, associated with Customer Number 0031817, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on January 4, 2013 as
United States Application Number 13/794,894 and

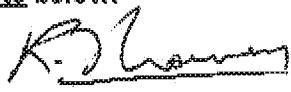
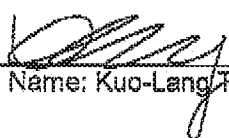
which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said 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 divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said 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.

Inventor: Please sign and date below:

<u>2/11/13</u> Date	<u></u> Name: Ramesh Thomas
<u>2/11/2013</u> Date	<u></u> Name: Kuo-Lang Tseng

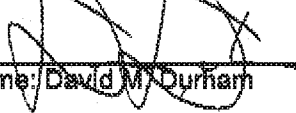
Attorney Docket No. 116536-189013
IPN: P36688

Patent

2/11/2013
Date


Name: Ravi L. Senita

2/11/2013
Date


Name: David M. Durham

Date

Name: Madhukar Tallam

Assignment Document Return Address:

Schwabe, Williamson & Wyatt, P.C.
Pacwest Center, Suite 1800
1211 SW Fifth Avenue
Portland, Oregon 97204
Telephone: 503-222-9981

Attorney Docket No. 116536-189013
IPN: P36688

Patent

Date Name: Ravi L. Sahita

Date Name: David M. Durham

2/11/13
Date Name: Madhukar Tallam

Assignment Document Return Address:

Schwabe, Williamson & Wyatt, P.C.
Pacwest Center, Suite 1600
1211 SW Fifth Avenue
Portland, Oregon 97204
Telephone: 503-222-9981