Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYP	BMISSION TYPE: NEW ASSIGNMEN					
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PART	TY DATA	<u>.</u>				
		Name	Execution Date			
Joey Chou			04/21/2011			
Xiangying Yang			04/19/2011			
Muthaiah Venkatao	chalam		04/20/2011			
Elad Levy			04/26/2011			
Shantidev Mohanty	/		04/25/2011			
RECEIVING PART	Y DATA					
Name:	Intel Corporat	Intel Corporation				
Street Address:	2200 Mission	2200 Mission College Boulevard				
City:	Santa Clara					
State/Country:	CALIFORNIA					
Postal Code:	95052					
Property Type		Νι	Number			
Application Number	er:	13094387				
CORRESPONDEN Fax Number: <i>Correspondence w</i> Phone: Email: Correspondent Nar Address Line 1: Address Line 4:	(503)439 <i>ill be sent via US</i> 5034398 amanda ne: BST&Z 1279 Oa	Mail when the fax attempt is unsucc	essful.			
ATTORNEY DOCK	ET NUMBER:	42P36291				
NAME OF SUBMITTER:		Gregory D. Caldwell				
Total Attachments:			PATENT REEL: 026187 FRAME: 0112			

REEL: 026187 FRAME: 0112

source=P36291_ASSIGN_04_27_11#page1.tif source=P36291_ASSIGN_04_27_11#page2.tif source=P36291_ASSIGN_04_27_11#page3.tif source=P36291_ASSIGN_04_27_11#page4.tif source=P36291_ASSIGN_04_27_11#page5.tif source=P36291_ASSIGN_04_27_11#page7.tif source=P36291_ASSIGN_04_27_11#page8.tif Altomey's Docket No : 42P36291

ASSIGNMENT

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

Joey Chou; Xiangying Yang; Muthalah Venkatachalam; Elad Levy; Shantidev Mohanty

hereby sell, assign, and transfer to

Intel Corporation

a Corporation of Detaware, having a principal place of business at 2200 Mission College Boolevard, Santa Clara, California 95050 United States ("Assignes"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all fineign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patient which for the nonprovisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled.

SYSTEM AND METHOD FOR PROTECTING MAC CONTROL MESSAGES

said patent application also identified as follows (when known):

(i/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known (

United States Patern Application Number _______ Net ______ Net ______ 04/26/2011

and in and to said application (provisional or non-provisional) and all provisional applications, mon-provisional applications, utility applications, design applications, divisional applications, continuation applications, continuation applications, continuation applications, continuation applications, revisional applications, revision applications, revision applications, revision applications, revision applications, revision applications, revisional applications, revisions, and all other patients or improvements, and in and to all original patients, revisional patients, re

agree that said Assignee may apply for and receive a patent or patents for said inventions or 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 talk the intent and purpose of this Assignment. The undersigned will accute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, inside applications, teeraminations, continuation applications, substitute applications, rerewai applications or improvements, execute all rightful paths, and all other patent applications on any and all said inventions or improvements, execute all rightful paths, 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 or improvements and the listory thereof and generally assist asid Assignee, its successors, assigns, or legal representatives in securitions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

42P38291

Page 1 of 2

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement effecting 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

Each Inventor: Please Sign and Date Below:

C.C.m. 24 Date Cherry Pr Name/Joey Chou Oate Manual Vinnaulan Vann

		wane. Alangying rang	
	Date	Name: Muthalah Venkatachalam	
	Date	Name: Elad Levy	
	Dæe	Name Shantidev Mohanty	
	Date	Name	
	Dates	Name:	
	Date	Name	
		(X00) (X2	
	Date	Name	
	Date	Name:	
	Date	Name:	
	Date	Name:	
		Assignment Document Return Address: Blaceux, Soxocosy, Tantos & Zarman LLP 1279 Oakmead Parkway Sunnyvale, CA 94085-4040 Telephone, (503) 439-8778	
42P3625	'n	Page 2 of 2	

Attorney's Docket No.: 42P36291

ASSIGNMENT

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

Joey Chou; Xiangying Yang; Muthaiah Venkatachalam; Elad Levy; Shantidev Mohanty

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 United States ("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 or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

SYSTEM AND METHOD FOR PROTECTING MAC CONTROL MESSAGES

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 13/094, 387 filed 04/26/2011

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continuation 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 inventions or 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 or said inventions or improvements; and in and to all original patents, and all foreign countries on said inventions or improvements; and in and to all original form the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or 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 provisional applications, non-provisional applications, utility applications, design applications, 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 inventions or improvements; execute all rightful paths, 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 or 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 or improvements and for vesting title to said inventions or improvements, in said Assignee, its successors, assigns, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

42P36291

Page 1 of 2

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.

Each Inventor: Please Sign and Date Below:

Date	Name: Joey (Chou
04/19/2011		
Date 4 20 201	Name: Xiang	ying Yang
Date (Name: Muthe	iah Venkatachalam
Date	Name: Elad L	evy
Date	Name: Shant	idev Mohanty
Date	Name:	
		Assignment Document Return Address
		BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
		1279 Oakmead Parkway Sunnyvale, CA 94085-4040
		Telephone: (503) 439-8778
		and the second

Page 2 of 2

Attomey's Docket No.: 42P36291

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged; we, the undersigned:

Joey Chou; Xiangying Yang; Muthaiah Venkatachalam; Elad Levy; Shantidev Mohanty

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 United States ("Assignee"), and its successors, assigns, and legal representatives, the entire right, itile, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the nonprovisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled.

SYSTEM AND METHOD FOR PROTECTING MAC CONTROL MESSAGES

said patient application also identified as follows (when known):

[If we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 13/094, 387 ilied 04/26/2011

and in and to said applications (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, release applications, research applications, 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 inventions or 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 any of said inventions, that have been or shall be issued in the United States and all foreign countries on any of said inventions, that have been or shall be issued in the United States and all foreign countries on any of said inventions, 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 inventions or 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 provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-inpart applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful paths, 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 or improvements and the history ihereof, and generally assist said Assignee. Its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

42P36291

Page 1 of 2

covenant with said Assignee, its successors, essigns, 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.

Each Inventor: Please Sign and Date Below:

Date	Name: Joey Chou
Date	Name: Xiangying Yang
Date	Name: Muthalah Venkatachalam
<u>2.6 Apr 2.514</u> Date	Name: Elad Levy
Date	Name: Shantidev Mohanty
Dale	Name
Date	Name:
Cate	Name:
Date	Name:
	Assignment Document Return Address: BLARELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway Sunnyvale, CA 94085-4040 Telephone: (503) 438-8778

42P36291

Page 2 of 2

ASSIGNMENT

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

Joey Chou; Xiangying Yang; Muthaiah Venkatachalam; Elad Levy; Shantidev Mohanty

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 United States ("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 or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

SYSTEM AND METHOD FOR PROTECTING MAC CONTROL MESSAGES

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 13/094, 387 filed 04/26/2011

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, 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 inventions or 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 inventions or 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 inventions or 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 provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-inpart applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or 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 or 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 or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

Page 1 of 2

PATENT REEL: 026187 FRAME: 0120

42P36291

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, montgage, 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.

Each Inventor: Please Sign and Date Below:

	· · · · · · · · · · · · · · · · · · ·		
	Date	Name: Joey Chou	
	Date	Name: Xiangying Yang	
	Date	Name: Muthaiah Venkatachalam	
	Date PRR 25,333	Name: Elad Levy	
	Date	Name: Shantidev Mohanty	Ĭ.
	Date	Name:	
	Date	Namet	
	Date	Name:	
	Date	Name:	
	Date	Name	
	Date	Name:	
	Date	Name)	
		Assignment Document Return BLAKELY, SOKOLOFF, TAYLOR & Z 1279 Oakmead Parkway Sunnyvale, CA 94085-4040 Telephone: (503) 439-8778	
42P36291			Page 2 of 2
		and the second	
		Р	ATENT

REEL: 026187 FRAME: 0121

RECORDED: 04/27/2011