FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

04-17-2001



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U.S. Department of Commerce Patent and Trademark Office **PATENT**

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PATENTS ONLY BSTZ Docket No. 42390P10229				
	ks: Please record the attached original document(s) or copy(ies).			
Submission Type	Conveyance Type			
New New	Assignment Security Agreement			
Resubmission (Non-Recordation) Document ID#	License Change of Name			
Correction of PTO Error Reel # Frame #	Merger Other			
Corrective Document	U.S. Government (For Use ONLY by U.S. Government Agencies)			
Reel # Frame #	Departmental File Secret File			
Conveying Party(ies)	Mark if additional names of conveying parties attached Execution Date Month Day Year			
Name (line 1) Debra T. Cohen	03-01-01			
Name (line 2)	Execution Date			
Second Party Name (line 1) Leslie E. Cline	Month Day Year 03-06-01			
Name (line 2)	04751441			
Receiving Party	Mark if additional names of receiving parties attached			
Name (line 1) Intel Corporation	If document to be recorded is an assignment and the receiving party is not			
Name (line 2)	domiciled in the United States, an appointment			
Address (line 1) 2200 Mission College Blvd. of a domestic representative is attached.				
(Designation must be a separate document from				
Address (line 2)	Assignment.)			
Address (line 3) Santa Clara	California 95052-8119 State/Country Zip Code			
Domestic Representative Name and Address Enter for the first Receiving Party only.				
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Address (line 1)				
Address (line 2)				
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PATENT

REEL: 011674 FRAME: 0892

FORM PTC Expires 06/30/99 OMB 0651-0027	-1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspond	ent Name and Address	Area Code and Telephone Nu	mber (512) 330-0844	
Name	John Travis	441-1		
Address (line 1)	Blakely Sokoloff Taylor & Zafn	nan LLP		
Address (line 2)	12400 Wilshire Boulevard			
Address (line 3)	Seventh Floor			
Address (line 4)	Los Angeles, California 90025	-1026		
Pages	Enter the total number of pa including any attachments.	ges of the attached conveyance	document # 10	
	Number(s) or Patent Nun	` '	Mark if additional numbers attached	
	e Patent Application Number or the F ent Application Number(s)	Patent Number (DO NOT ENTER BOTH n		
09/751,441	Application Number(s)		Patent Number(s)	
	being filed together with a <u>new</u> Pate named executing inventor.	nt Application, enter the date the patent a	pplication was Month Day Year	
Patent Coop	eration Treaty (PCT)	DOT DOT		
	PCT application number if a U.S. Application Number	PCT PCT	PCT	
has not been assigned.				
Number of Properties Enter the total number of properties involved. # 1				
Fee Amount	Fee Amount f	for Properties Listed (37 CFR 3.4	41): \$ 40	
Method of Payment: Enclosed X Deposit Account Deposit Account				
•	ayment by deposit account or if addi	tional fees can be charged to the account. eposit Account Number:	# 02-2666	
	A	authorization to charge additional fee	es: Yes X No	
Statement ar	d Signature			
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.				
John Travis, Re	eg. No. 43,203	John Travis	3-27-01	
	of Person Signing	Signature	Date	

PATENT

REEL: 011674 FRAME: 0893

FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Pa	rty(ies) Mark if additional names of conveying parties attach	
Enter additional C	wark it additional names of conveying paraes attach	Execution Date Month Day Year
	arnes Cooper	03-02-01
	arries Goopei	05-02-01
Name (line 2)		Execution Date
		Month Day Year
Name (line 1) S	atchit Jain	03-21-01
Name (line 2)		
,		Execution Date Month Day Year
Name (line 1)	nil V. Nanduri	02-28-01
Name (line 2)		
Receiving Par	ty(ies) Mark if additional names of receiving p	parties attached
Enter additional R	eceiving Party(ies)	
Name (line 1)		If document to be recorded is an assignment and the
		receiving party is not domiciled in the United
Name (line 2)		States, an appointment
Address (line 1)		of a domestic representative is attached. (Designation
		must be a separate document from
Address (line 2)		Assignment.)
Address (line 3)	City State/Country Zig	Code
Managara ar		If document to be recorded
Name (line 1)		is an assignment and the
Name (line 2)		receiving party is not domiciled in the United
		States, an appointment of a domestic representative is
Address (line 1)		attached. (Designation must be a separate document from
Address (line 2)		Assignment.)
Address (line 3)	City State/Country	Zip Code
Application N	umber(s) or Patent Number(s) Mark if additional numbers attact	ned
Enter either the	Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the	ne same property).
Pa	tent Application Number(s) Patent Nu	umber(s)

PATENT

REEL: 011674 FRAME: 0894

(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby
acknowledged, We
the undersigned Debra T. Cohen, Leslie E. Cline, Barnes Cooper, Satchit Jain & Anil V. Nanduri
hereby sell, assign, and transfer to Intel Corporation
a corporation of Delaware , having a principal place of
business at 2200 Mission College Blvd., Santa Clara, California 95052
("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 improvements that are disclosed in the application for the United States patent that was filed <u>December 29</u> , 20 <u>00</u> and assigned Application No. <u>09/751,441</u> and is entitled:

ENTERING AND EXITING POWER MANAGED STATES WITHOUT DISRUPTING ACCELERATED GRAPHICS PORT TRANSACTIONS

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.

Docket No.: 42390P10229 1 Serial No.: 09/751,441

Date: 3/1/01	Milber 1. Col
	Name: Debra T. Cohen
Date:	
	Name: Leslie E. Cline
Date:	
	Name: Barnes Cooper
Date:	
	Name: Satchit Jain
	•
Date:	
	Name: Anil V. Nanduri

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP 12400 Wilshire Blvd., Seventh Floor Los Angeles, California 90025-1026 (512) 330-0844

Serial No.: 09/751,441

(For Execution After Filing Patent Application)

In consideration of good and valuable cor	sideration, the receipt of which is hereby
acknowledged, We	•
the undersigned Debra T. Cohen, Leslie E. Cline, Bar	rnes Cooper, Satchit Jain & Anil V. Nanduri
hereby sell, assign, and transfer to Intel Corporation)n
a corporation of Delaware	, having a principal place of
business at 2200 Mission College Blvd., Santa Clara, Calif	ornia 95052
("Assignee"), and its successors, assigns, and lega	1 representatives, the entire right, title, and
interest for the United States and all foreign countri	es, in and to any and all improvements that
are disclosed in the application for the United States	patent that was filed December 29 , 20 00
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Docket No.: 42390P10229 1 Serial No.: 09/751,441

Date	Name: Debra T. Cohen
Date: 3/6/2001	Name: Leslie E. Cline
Date:	Name: Barnes Cooper
Date:	Name: Satchit Jain
Date:	Name: Anil V. Nanduri

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP 12400 Wilshire Blvd., Seventh Floor Los Angeles, California 90025-1026 (512) 330-0844

Docket No.: 42390P10229 2

Serial No.: 09/751,441

(For Execution After Filing Patent Application)

the undersigned <u>Debra T. Cohen, Leslie E. Cline, Barnes Cooper, Satchit Jain & Anil V. Nanduri</u> hereby sell, assign, and transfer to <u>Intel Corporation</u> a corporation of <u>Delaware</u> , having a principal place of business at <u>2200 Mission College Blvd., Santa Clara, California 95052</u> ("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 improvements that are disclosed in the application for the United States patent that was filed <u>December 29</u> , 20 <u>00</u>	In consideration of good and valuable consideration, the receipt of which is here	by
hereby sell, assign, and transfer to Intel Corporation a corporation of Delaware, having a principal place of business at 2200 Mission College Blvd., Santa Clara, California 95052 ("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 improvements that are disclosed in the application for the United States patent that was filed December 29, 20 00	acknowledged, We	
a corporation of <u>Delaware</u> , having a principal place of business at <u>2200 Mission College Blvd., Santa Clara, California 95052</u> ("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 improvements that are disclosed in the application for the United States patent that was filed <u>December 29</u> , 20 <u>00</u>	the undersigned Debra T. Cohen, Leslie E. Cline, Barnes Cooper, Satchit Jain & Anil V. Nandu	<u>ıri</u>
business at 2200 Mission College Blvd., Santa Clara, California 95052 ("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 improvements that are disclosed in the application for the United States patent that was filed December 29, 20 00	hereby sell, assign, and transfer to <u>Intel Corporation</u>	
("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 improvements that are disclosed in the application for the United States patent that was filed <u>December 29</u> , 20 <u>00</u>	a corporation of Delaware , having a principal place	of
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 that was filed <u>December 29</u> , 20 <u>00</u>	business at 2200 Mission College Blvd., Santa Clara, California 95052	
are disclosed in the application for the United States patent that was filed December 29, 20 00	("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, a	nd
▲ 	interest for the United States and all foreign countries, in and to any and all improvements the	nat
and assigned Application No. 09/751.441 and is entitled:	are disclosed in the application for the United States patent that was filed December 29, 20 0	<u> 0</u>
and assigned reprintation in the state of th	and assigned Application No. 09/751,441 and is entitled:	

ENTERING AND EXITING POWER MANAGED STATES WITHOUT DISRUPTING ACCELERATED GRAPHICS PORT TRANSACTIONS

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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.

Docket No.: 42390P10229 1 Serial No.: 09/751,441

(For Execution After Filing Patent Application)

In consideration of good and valuable consi	deration, the receipt of which is hereby
acknowledged, We	
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Docket No.: 42390P10229 1 Serial No.: 09/751,441

Date: March 21, 2001	Softanent Tom
	Name: Satchit Jain
Date:	
	Name: Debra T. Cohen
Date:	
	Name: Leslie E. Cline
Date:	
	Name: Barnes Cooper
Date:	
	Name: Anil V. Nanduri

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP 12400 Wilshire Blvd., Seventh Floor Los Angeles, California 90025-1026 (512) 330-0844

Serial No.: 09/751,441

2

Docket No.: 42390P10229

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Docket No.: 42390P10229 1 Serial No.: 09/751,441

Date:		
	Name: Debra T. Cohen	
Date:		
	Name: Leslie E. Cline	
Date:		
	Name: Barnes Cooper	
Date:		
	Name: Satchit Jain	
Date: Feb 18, 2010	- Ail Kun	
	Name: Anil V. Nanduri	

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP 12400 Wilshire Blvd., Seventh Floor Los Angeles, California 90025-1026 (512) 330-0844

Docket No.: 42390P10229 2 Serial No.: 09/751,441