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

Docket No. 042390.P6364

03-23-2000



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

# 101302437

RECORDATION FORM COVER SHEET			
TO: The Commissioner of Potente and Total	PATENTS ONLY		
Submission Type	emarks: Please record the attached original document(s) or copy(ies).		
l ——	Conveyance Type		
New Paradaria (No. 2)	Assignment Security Agreement		
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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) Jasmin Ajanovic	02/01/2000		
Name (line 2)	Execution Date		
Second Party Name (line 1) David J. Harriman	Month Day Year 02/04/2000		
Name (line 2)	02/04/2000		
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 of a domestic		
Address (line 1) 2200 Mission College Boulev	representative is attached.		
Address (line 2)	Assignment)		
Address (line 3) Santa Clara	California 95052 State/Country Zip Code		
Domestic Representative Name and	d Address  Enter for the first Receiving Party only.		
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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0551-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231

**PATENT** 

**REEL: 010619 FRAME: 0991** 

FORM	PTO-1619B	Docket	No. C	42390.P	6364
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## Page 2

J.S. Department of Commerce	
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DATENT	

OMB 0651-0027	P	AIENI
Corresponden	nt Name and Address  Area Code and Telephone Number 512.330.0844	
Name N	Natthew C. Fagan	
Address (line 1) B	Blakely, Sokoloff, Taylor & Zafman	
Address (line 2) 1	12400 Wilshire Boulevard	
Address (line 3)	Seventh Floor	
Address (line 4)	os Angeles, California 90025-1026	
	Enter the total number of pages of the attached conveyance document # 4	
Application Nu	umber(s) or Patent Number(s) Mark if additional number	s attached
Enter either the F	Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same prop	erty).
Paten	nt Application Number(s) Patent Number(s)	
09/433,275		
		7
	eing filed together with a <u>new</u> Patent Application, enter the date the patent application was amed executing inventor.	Day Year
Patent Cooper	ration Treaty (PCT)	
Enter F	PCT application number	
	a U.S. Application Number PCT PCT PCT PCT PCT PCT	
Number of Pro		
Fee Amount	Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00	
Method of	Payment: Enclosed X Deposit Account	
Deposit Ad (Enter for pay	yment by deposit account or if additional fees can be charged to the account.)  Deposit Account Number:  # 02-2666	
	Authorization to charge additional fees: Yes	No
Statement and	d Signature	4
To the be	est of my knowledge and belief, the foregoing Information is true and correct an I copy is a true copy of the original document. Charges to deposit account are a	a any uthorized, as
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indicated	1111, My (NF) - 2.8	.2000
Matthew C. Faga		Date
Name o	of Person Signing	

PATENT

REEL: 010619 FRAME: 0992

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 podice attacked	
Enter additional C	mark is additional names of conveying parties attached	Execution Date Month Day Year
Name (line 1)	erafin E. Garcia	02/03/2000
Name (line 2)		
(2)		Execution Date Month Day Year
Name (line 1)		MOHILI Day Tear
Name (line 2)		
		Execution Date Month Day Year
Name (line 1)		
Name (line 2)		
Receiving Pa	rty(ies) Mark if additional names of receiving parti	es attached
Enter additional R	eceiving Party(ies)	_
Name (line 1)		If document to be recorded is an assignment and the
Name (line 2)		receiving party is not domiciled in the United
Address (line 1)		States, an appointment of a domestic representative is attached. (Designation
tautous (into 1)		must be a separate document from
Address (line 2)		Assignment.)
Address (line 3)	City State/Country Zip Coo	de
Name (line 1)		If document to be recorded is an assignment and the receiving party is not
Name (line 2)		domiciled in the United States, an appointment of a
Address (line 1)		domestic representative is attached. (Designation must
		be a separate document from Assignment.)
Address (line 2)		
Address (line 3)	State/Country Zip C	ode
Application N	Mark if additional numbers attached	
Enter either the	Patent Application Number or the Patent Number (DO NOT ENTER BOTT Number of	ame property). per(s)
Pa	tent Application Number(s)	
L		

**PATENT** 

**REEL: 010619 FRAME: 0993** 

### **ASSIGNMENT**

(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we
the undersigned, Jasmin Ajanovic, David J. Harriman, and Serafin E. Garcia
hereby sell, assign, and transfer to <b>Intel Corporation</b>
a corporation of <b>Delaware</b> , 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 November 03,19 99 and assigned Application No. 09/433,275 and is entitled:

# PERIPHERAL COMPONENT INTERCONNECT (PCI) CONFIGURATION EMULATION FOR HUB INTERFACE

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.: 042390.P6364 1 Serial No.: 09/433,275

PATENT REEL: 010619 FRAME: 0994

Date: Feb. 1, 200	
	Name: Jasmin Ajanovic
Date:	Name: David J. Harriman
Date:	Name: Serafin E. Garcia

### Assignment Document Return Address:

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

Serial No.: 09/433,275

#### ASSIGNMENT

(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the acknowledged, we	receipt of which is hereby
the undersigned, Jasmin Ajanovic, David J. Harriman, and Sera	fin E. Garcia
hereby sell, assign, and transfer to <u>Intel Corporation</u>	
a corporation of <b>Delaware</b>	, having a principal place of
business at 2200 Mission College Blvd., Santa Clara, California 95052	
("Assignee"), and its successors, assigns, and legal representative	s, the entire right, title, and
interest for the United States and all foreign countries, in and to an	y and all improvements that
are disclosed in the application for the United States patent that was	•
and assigned Application No. <u>09/433,275</u> and is entitled:	<u> </u>

# PERIPHERAL COMPONENT INTERCONNECT (PCI) CONFIGURATION EMULATION FOR HUB INTERFACE

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.

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Serial No.: 09/433,275

Docket No.: 042390.P6364

PATENT REEL: 010619 FRAME: 0996

Date:		
	Name: Jasmin Ajanovic	

### Assignment Document Return Address:

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

Serial No.: 09/433,275

**PATENT** REEL: 010619 FRAME: 0997

**RECORDED: 02/14/2000**