To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.  1. Name of conveying party(ies):  Howard S. David  Additional name(s) of conveying party(ses) attached? Yes INO  Additional name(s) attached? Yes INO  Street Address: 2200 Mission College Blvd  City: Santa Clara State: CA Zip: 95062  Additional name(s) & address(se) attached? Yes INO  A patent Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is:  A Patent Application No.(s)  B. Patent No.(s)  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: This includes Included to the charged to deposit account internal Address: Blakely Sokoloff Taylor & Zafman LLP  12400 Wilshire Boulevard. Seventh Floor  City: Los Angeles State: California Zip: 90025-1030  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and ballef, the foregoing information; is the and correct and any attached copy is a true copy of the original document.  John P. Wand, Reg No. 40,216 Name of Person Signing  Name of Person Signing	(REV. 03/01)	ORM COVER SHEET	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
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1. Name of conveying party(ies):  Howard S. David  Additional name(s) of conveying party(es) attached?  Yes No 3. Nature of conveyance:		orke- Diogra record the attended a	▼
Howard S. David    Name: Intel Corporation   Internal Address:   Additional name(s) of conveying party(ies) attached?   Yes   No   Name: Intel Corporation   Internal Address:   Additional name(s) & address(s) attached?   Yes   No   Name: Intel Corporation   Internal Address:   2200 Mission College Blvd	Name of conveying party(ies):		
Internal Address:    Additional name(s) of conveying party(ies) attached?   Yes   No   Nature of conveyance:	2	•	
Additional name(s) of conveying partyles) attached? Yes No  3. Nature of conveyance:  Assignment Merger  Change of Name  Other.  City: Santa Clara State: CA Zip: 95052  Additional name(s) & address(s) attached? Yes No  Additional name(s) & address(s) attached? Yes No  Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No.(s)  B. Patent No.(s)  5. Name and address of party to whom correspondence concerning document should be mailed:  Name:  Internal Address:  Street Address: Blakely Sokoloff Taylor & Zafman LLP  12400 Wilshire Boulevard, Seventh Floor  City: Los Angeles State; California Zip: 90025-1030  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is the end correct and any attached copy is a true copy of the original document.  John P. Ward, Reg No. 40,218  Name of Person Signing  Signature  Internal Address:  Address:  2200 Mission College Blvd  City: Santa Clara State: CA Zip: 95052  Additional name(s) & address(s) attached? Yes No.  No Patent Address:  Additional name(s) & address(s) attached? Yes No.  No Patent No.(s)  6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)	Howard S. David		
Additional name(s) of conveying party(es) attached? Yes No  3. Nature of conveyance:     Assignment	;	Internal Address: _	
3. Nature of conveyance:    Assignment	Additional name(s) of conveying party(ies) attached? Til Yes Til N		
Assignment Merger Scurity Agreement Change of Name Other City: Santa Clara State: CA Zip: 95052  Execution Date: 3/4/02 Additional name(s) & address(es) attached? Yes No A Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s)  8. Patent No.(s)  5. Name and address of party to whom correspondence concerning document should be mailed: Name: Internal Address:  Street Address: 2200 Mission College Blvd  City: Santa Clara State: CA Zip: 95052  Additional name(s) & address(es) attached? Yes No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41)		<u></u>	
Street Address: 2200 Mission College Blvd  Other	·	<del></del>	<u>-</u>
Other		Street Address: _2	2200 Mission College Blvd
Execution Date: 3/4/02  Additional name(e) & address(es) attached?  No  4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No.(s)  B. Patent No.(s)  5. Name and address of party to whom correspondence concerning document should be mailed:  Name:  Internal Address:  Internal Address:  Blakely Sokoloff Taylor & Zafman LLP  12400 Wilshire Boulevard, Seventh Floor  City: Los Angeles State: California Zip: 90025-1030  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is the and correct and any attached copy is a true copy of the original document.  John P. Ward, Reg No. 40,216  Name of Person Signing  City: Los Angelos Signature Date		e	<u>-</u>
Additional name(s) & address(es) attached? Yes No  4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No.(s)  B. Patent No.(s)  5. Name and address of party to whom correspondence concerning document should be mailed:  Name:  Internal Address:  Internal Address:  Blakely Sokoloff Taylor & Zafman LLP  12400 Wilshire Boulevard, Seventh Floor  City: Los Angeles  State: California Zip: 90025-1030  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is flue and correct and any attached copy is a true copy of the original document.  John P. Ward, Reg No. 40,216  Name of Person Signing  Name additional name(s) & address(s) attached?	Other	·	
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A. Patent Application No.(s)  Additional numbers attached? Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: 6. Total number of applications and patents involved: 1  Total fee (37 CFR 3.41)	• •	polication the evecution da	4- afab
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Authorized to be charged to deposit account  8. Deposit account number:  Street Address: Blakely Sokoloff Taylor & Zafman LLP  12400 Wilshire Boulevard, Seventh Floor  City: Los Angeles State: California Zip: 90025-1030 (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is the and correct and any attached copy is a true copy of the original document.  John P. Ward, Reg No. 40,216  Name of Person Signing Signature Date		Enclosed	
Street Address: Blakely Sokoloff Taylor & Zafman LLP  12400 Wilshire Boulevard, Seventh Floor  City: Los Angeles State: California Zip: 90025-1030  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is flue and correct and any attached copy is a true copy of the original document.  John P. Ward, Reg No. 40,216  Name of Person Signing  8. Deposit account number:  4. Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  9. Statement and signature.  3 3 07  Signature Date	Memai Addiess.	-	
Street Address: Blakely Sokoloff Taylor & Zafman LLP  12400 Wilshire Boulevard, Seventh Floor  City: Los Angeles State: California Zip: 90025-1030  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is flue and correct and any attached copy is a true copy of the original document.  John P. Ward, Reg No. 40,216  Name of Person Signing  Name Signature  Double Statement LLP  (Attach duplicate copy of this page if paying by deposit account)  (Attach duplicate copy of this page if paying by deposit account)  Statement and signature.  John P. Ward, Reg No. 40,216  Signature Date		- Authorized to be	e charged to deposit account
Street Address: Blakely Sokoloff Taylor & Zafman LLP  12400 Wilshire Boulevard, Seventh Floor  City: Los Angeles State: California Zip: 90025-1030  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is flue and correct and any attached copy is a true copy of the original document.  John P. Ward, Reg No. 40,216  Name of Person Signing  Name Signature  Double Statement LLP  (Attach duplicate copy of this page if paying by deposit account)  (Attach duplicate copy of this page if paying by deposit account)  Statement and signature.  John P. Ward, Reg No. 40,216  Signature Date			
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City: Los Angeles State: California Zip: 90025-1030 (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is flue and correct and any attached copy is a true copy of the original document.  John P. Ward, Reg No. 40,216  Name of Person Signing Signature Date		-	
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filing of said United States application;

Attorney's		ASSIGNMI (For Execution After Fili		<u>PATENT</u>	
In o	consideration of go	ood and valuable conside	ration, the receipt of	which is hereby	
acknowled			<u> </u>	-,	
the unders	signed, <u>Howard S</u>	. David		"	
hereby sel	l, assign, and trans	sfer to <u>Intel Corporation</u>			
a corporati	ion of <u>Delaware</u>	, ha	ving a principal place	e 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 31, 2001</u> and assigned Application No. <u>10/039,597</u> and is entitled					
and in and continued   renewal ap application any of said	to said application prosecution applic pplications, reissue is that have been of I improvements; ar	ODULE CACHE TAG LO  and all divisional applications, continuation-in-pa  applications, reexamination shall be filed in the United in and to all original pa  hat have been or shall be	ations, continuation a urt applications, subs tions, extensions, an ted States and all for atents, reissued pate	titute applications, id all other patent reign countries on ints, reexamination	

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

foreign countries on said improvements; and in and to all rights of priority resulting from the

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.

Rev. 01/01/2000 (A2) PATENT

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Date:	3/4	, 20 <u>02</u>	Name: Howard S. David
Date:		_, 20	Name:
Date:		_, 20	Name:
Date:		_, 20	Name:
Date:		_, 20	Name:
Date:		_, 20	Name:

Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 12400 Wilshire Blvd., Seventh Floor Los Angeles, California 90025-1026 (408) 720-8300

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