OMD NO. 0651-0011 exp. 5/31/2002)

FORM PTO-1595 (Rev. 3/01)

05-09-2002

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office 42390.P11326

102084015 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 1. Name of conveying party: 2. Name and address of receiving party: Kuck and Associates, Inc. Name: Intel Corporation Additional name(s) of conveying party(ies) attached? Internal Address: **M**No □Yes 3. Nature of Conveyance 2200 Mission College Boulevard, Street Address: MS SC4-202 Assignment Merger ☐ Security Agreement ☐ Change of Name City: Santa Clara State/Provence: CA Zip: 95052-8119. Other: Country: US Execution Date: 4/9/2002 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) 08/906,281 filed B. Patent No.(s) 08/05/1997 Additional numbers attached? Yes **⊠** No Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total Fee (37 CFR 3.41)......\$40.00 Name: Blakely, Sokoloff, Taylor & Zafman LLP Enclosed Internal Address: Deficiencies Authorized to be charged to deposit Street Address: 12400 Wilshire Boulevard, 7th Floor account 8. Deposit Account Number: City: Los Angeles State: California Zip: 90025 02-2666 (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 believe, the foregoing is true and corlect and and attached copy is a true copy of the original document John P. Ward April 22, 2002 Name of Person Signing Total number of pages including cover sheet, attachments, and document: 3. Mail documents to be recorded with required cover sheet information to: Commissioner of Patents, Box Assignments Washington, D.C. 20231-0001 Atty Docket No. 42390.P11326

05/08/2002 LNUELLER 00000220 08906281

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40.00 OP

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We, the undersigned, Kuck and Associates, Inc., 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 CA 95052-8119, ("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 application number 08/906,281 filed 08/05/1997 for the United States patent no. 6,286,130 issued 09/04/2001 that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled SOFTWARE IMPLEMENTED METHOD FOR AUTOMATICALLY VALIDATING THE CORRECTNESS OF PARALLEL COMPUTER PROGRAMS, 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

Rev. 01/01/2000 (A1)

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.

109, 2002

Name: Gerald J. Throop

Title: S. W. Engineering Manager

Kuck & Associates, Inc.

1906 Fox Drive

Champaign, IL 61820-7345

- 2 -

Rev. 01/01/2000 (A1)

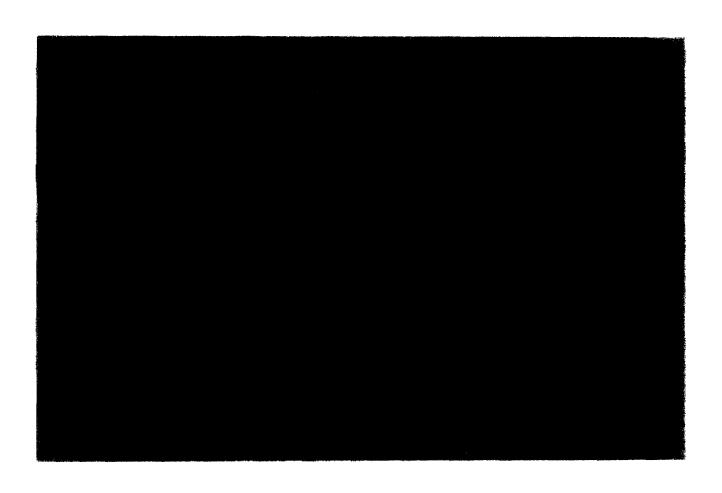
FIRST CLASS CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to

Box Assignments
Commissioner for Patents
Washington, D.C. 20231-0001

on

Judy L. Steinkraus



PATENT REEL: 012859 FRAME: 0370

FEE TRANSMITTAL FOR FY 2002	,
TOTAL AMOUNT OF PAYMENT \$40.00	
Complete if Known: Application No. 08/906,281	
Filing Date 08/05/1997	
First Named Inventor Poulsen, et al.	
Group Art Unit 2151	
Examiner Name G. Opie	
Attorney Docket No. <u>42390.P11326</u> 5847/9	
METHOD OF PAYMENT (check one)	
The Commissioner is hereby authorized to charge deficiencies in fees and credit any over payments to:	
Deposit Account Number <u>2-2666</u> Deposit Account Name	
[] Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	
[] Applicant claims small entity status. See 37 CFR 1.27	
2. X Payment Enclosed: X Check	
Money Order Other	
FEE CALCULATION	
1. BASIC FILING FEE	
Large Entity Small Entity Fee Fee Fee	

114	160	214	80	Provision	nal application filin	g fee			
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2.	EXTRA	CLAIM	FEES		Extra Claims		Fee from below		Fee Paid
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**Or number	previously	paid, if	greater; For	[.] Reissues, see	below.
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Fee Description

Plant filing fee

Reissue filing fee

Utility application filing fee

Design application filing fee

Large I	Entity	<u>Small</u>	Entity	
Fee	Fee	Fee	Fee	
Code	(\$)	Code	(\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent
				CURTOTAL (2) ¢

SUBTOTAL (2) \$___

10/04/01

Code

101

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Code

201

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PATENT

Fee Paid

FEE CALCULATION (continued) 3. ADDITIONAL FEES **Small Entity** Large Entity Fee Fee Fee Fee Code Code Fee Description (\$) (\$) Fee Paid Surcharge - late filing fee or oath Surcharge - late provisional filing fee or cover sheet Non-English specification 2,520 2,520 For filing a request for ex parte reexamination 8,800 8,800 Request for inter parties reexamination 920* 920* Requesting publication of SIR prior to Examiner action 1,840* 1,840* Requesting publication of SIR after Examiner action Extension for reply within first month Extension for reply within second month Extension for reply within third month 1,440 Extension for reply within fourth month 1,960 Extension for reply within fifth month Notice of Appeal Filing a brief in support of an appeal Request for oral hearing 1,510 1,510 Petition to institute a public use proceeding Petition to revive - unavoidable 1,280 Petition to revive - unintentional 1,280 Utility issue fee (or reissue) Design issue fee Plant issue fee Petitions to the Commissioner Processing fee under 37 CFR 1.17(q) Submission of Information Disclosure Stmt Recording each patent assignment per property (times number of properties) 40.00 For filing a submission after final rejection (see 37 CFR 1.129(a)) Statutory Disclaimer For each additional invention to be examined (see 37 CFR 1.129(b)) Request for Continued Examination (RCE) Request for expedited examination of a design application Publication fee for early, voluntary, or normal pub. Publication fee for republication Request for voluntary publication or republication Processing fee under 37 CFR 1.17(i) (except provisionals) 1,280 1,280 Acceptance of unintentionally delayed claim for priority Other fee (specify) Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:		11			
Typed or Printed Name:	John P. Wand	///	, /		
Signature:	(M)	// N	Date:	April 22, 2002	

Reg. Number: 40,216 Telephone Number: (408) 720-8300 x237

				FEE TR	ANSMIT	TAL FOR	FY 2002				
				TOTAL AMO	DUNT OF	PAYMENT \$4	0.00				
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1.	[X]	The Co	ommissi er paym	oner is here ents to:	by author	ized to charg	e deficienc	ies in fees ar	nd credit		
	Deposit Account Number <u>2-2666</u> Deposit Account Name										
	[]	Charge	e Any Ad	dditional Fee	Required	l Under 37 Cf	R 1.16 and	11.17			
	[]	Applic	ant clair	ns small ent	ity status.	See 37 CFR	1.27				
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FEE (CALCUL	ATION									
1.	BASIC F	ILING F	EE								
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Fee	Fee	Fee	Fee								
Code	(\$)	Code	(\$)	Fee Desci					Fee Paid		
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				<u>.</u>	· #\$*		SUBT	TOTAL (1) \$,		
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			-		Extra Cla	ims		<u>below</u>	Fee Paid		
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Indep	endent (Claims _		− 3** =			X		=		
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	Entity	Small I		, ,		•					
Fee	Fee	Fee	Fee								
Code	(\$)	Code	(\$)	Fee Descri	ption						
103	18	203	9	Claims in e		20					
102	84	202	42	Independe	nt claims	in excess of	3				
104	280	204	140			laim, if not p					
109	84	209	42			nt claims ov		patent			
110	18	210	9			excess of 20			t		
							su	BTOTAL (2)	\$		

10/04/01

PATENT **REEL: 012859 FRAME: 0373**

FEE CALCULATION (continued) 3. ADDITIONAL FEES Large Entity **Small Entity** Fee Fee Fee Fee Fee Paid Code Code (\$) Fee Description (\$) 130 205 65 Surcharge - late filing fee or oath 105 25 Surcharge - late provisional filing fee or cover sheet 127 50 227 139 130 139 130 Non-English specification 147 2,520 147 2,520 For filing a request for ex parte reexamination 8,800 099 8,800 099 Request for inter parties reexamination 112 920* 112 920* Requesting publication of SIR prior to Examiner action 113 1,840* 113 1,840* Requesting publication of SIR after Examiner action Extension for reply within first month 115 110 215 55 116 400 216 200 Extension for reply within second month 920 460 Extension for reply within third month 117 217 720 Extension for reply within fourth month 118 1,440 218 Extension for reply within fifth month 128 1,960 228 980 119 320 219 160 **Notice of Appeal** 120 320 220 160 Filing a brief in support of an appeal 221 121 280 140 Request for oral hearing 138 1.510 138 1.510 Petition to institute a public use proceeding 140 110 240 55 Petition to revive - unavoidable 1,280 241 640 141 Petition to revive - unintentional 142 1,280 242 640 Utility issue fee (or reissue) 230 Design issue fee 143 460 243 144 620 244 310 Plant issue fee 130 130 **Petitions to the Commissioner** 122 122 123 50 123 50 Processing fee under 37 CFR 1.17(g) 126 180 126 180 **Submission of Information Disclosure Stmt** 581 581 40 Recording each patent assignment per 40 property (times number of properties) 40.00 146 246 370 For filing a submission after final rejection 740 (see 37 CFR 1.129(a)) 148 110 248 55 Statutory Disclaimer 370 For each additional invention to be examined 149 740 249 (see 37 CFR 1.129(b)) 179 740 279 370 Request for Continued Examination (RCE) 900 Request for expedited examination of a design 169 900 169 application 300 300 Publication fee for early, voluntary, or normal pub. 195 195 196 300 196 300 Publication fee for republication 194 130 194 130 Request for voluntary publication or republication 098 130 098 130 Processing fee under 37 CFR 1.17(i) (except provisionals) 091 1,280 091 1,280 Acceptance of unintentionally delayed claim for priority Other fee (specify) _ Other fee (specify) _ SUBTOTAL (3) \$40.00 *Reduced by Basic Filing Fee Paid SUBMITTED BY: P. Wark Johr Typed or Printed Name: Date: April 22, 2002 Signature:

10/04/01 - 2 - PTO/SB/17

Telephone Number: (408) 720-8300 x237

PATENT REEL: 012859 FRAME: 0374

Reg. Number: 40,216

RECORDED: 04/30/2002