FORM PTO-1619A OMB 0651-0027

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04-12-2000



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PATENT

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Reel # Frame #	☐ Merger ☐ Other			
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Reel # Frame #	(For Use ONLY by U.S. Government Agencies)			
Attorney Docket No: 042390.P7255	Departmental File Secret File			
Conveying Party (ies)	Mark if additional names of conveying parties attached Execution Date Month Day Year			
Name (1st party) Nguyen, Hoanganh	February 9, 2000			
Name (2nd party) Poston, Tim	February 22, 2000			
Name (3rd party) Brady, Martin Lee	February 9, 2000			
Name (4th party)				
Receiving Party	Mark if additional names of receiving parties attached			
Accessing Full by	If document to be recorded is			
Name (line 1) Intel Corporation	an assignment and the receiving party is not			
Name (line 2) Corporation of Delaware	domiciled in the United States, an appointment of a			
Address (line 1) 2200 Mission College Blvd.	domestic representative is attached. (Designation must			
Address (line 2)	be a separate document from: Assignment 1			
Address (line 3) Santa Clara	California 95052			
City Domostic Bonnesontative Name and Address	State/Country Zip Code			
Domestic Representative Name and Address (Complete only if receiving party is not domiciled in the University of the Uni	nited States) 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 (0651-0027), 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				

REEL: 010671 FRAME: 0770

FORM PTO-1619B
OMB 0651-0027

Page 2

U.S. Department of Commerce Patent and Trademark Office

	PATENT
Correspondent Name and Address Area Code and T	Celephone Number (408) 720-8300
Name John P. Ward	
Address (line 1) BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP	14 K
Address (line 2) 12400 Wilshire Boulevard, Seventh Floor,	
Address (line 3) Los Angeles, CA 90025-1026	
Address (line 4)	
Pages Enter the total number of pages of the attached convey	ance document. # 8
Application Number (s) or Patent Number (s) Enter either the Patent Application Number or the Patent Number (D Patent Application Number (s) 09/474,337	Mark if additional numbers attached PO NOT ENTER BOTH numbers for the same property). Patent Number (s)
If this document is being filed together with a <u>new</u> Patent Application, enter patent application was signed by the first named executing inventor.	the date the Month Day Year
Patent Cooperation Treaty (PCT)	
Enter PCT application number only if a U.S. Application Number has not been assigned. PCT PCT	PCT
Number of Properties Enter the total number of	properties involved. #
Fee Amount Fee Amount for Properties I	Listed (37 CFR 3.41): \$ 120.00
Method of Payment: Deposit Account Enclosed ☐ Dep (Enter for payment by deposit account or if additional fees	osit Account
	sit Account Number: # 02-2666
Authorization to ch	narge additional fees: Yes No 🗆
Statement and Signature To the best of my knowledge and belief, the foregoing ing attached copy is a true copy of the original document. Continuing indicated herein. John P. Ward 40,216	
Name of Person Signing Registration No.	Gignature Date
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REEL: 010671 FRAME: 0771

ASSIGNMENT

PATENT

No.: <u>042390.P7255</u> (For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We, the undersigned, Hoanganh Nguyen, Tim Poston and Martin Lee Brady. hereby sell, assign, and transfer to <u>Intel Corporation</u> a corporation of Delaware, having a principal place of business at 2200 Mission College Blvd., Santa Clara, CA 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 29,1999 and assigned Application No. 09/474,337 and is entitled

METHOD FOR MODELING AND RENDERING COMPLEX SURFACES USING LOCAL **HEIGHT MAPS**

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.

> - 1 -Rev. 09/09/99 (A2)

> > **PATENT** REEL: 010671 FRAME: 0772

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Date: 2/9	, 20 <u>0</u> 6	Name: Hoanganh Nguyen	
Date:	, 20	Name: Tim Poston	
		Name: Martin Lee Brady	
		Name:	
		Name:	
Date:	, 20	Name:	
State of:	}} 12	ssignment Document Return Address LAKELY, SOKOLOFF, TAYLOR & ZA 2400 Wilshire Blvd., Seventh Floor os Angeles, California 90025-1026	<u>::</u> \FMAN LLP
On this day of the undersigned Notary Pub	(4	108) 720-8598 20, before me,ally appeared	,
[_] personally known to me	[] proved ne(s)_subs	I to me on the basis of satisfactory ever cribed to the within instrument, and	
Notary's Signature			

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ASSIGNMENT

PATENT

No.: 042390.P7255 (For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We, the undersigned, Hoanganh Nguyen, Tim Poston and Martin Lee Brady, 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, CA 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 29,2000 and assigned Application No. 09/474,337 and is entitled

METHOD FOR MODELING AND RENDERING COMPLEX SURFACES USING LOCAL HEIGHT MAPS

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.

Rev. 09/09/99 (A2)

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PATENT REEL: 010671 FRAME: 0774

Date:		_, 20	
			Name: Hoanganh Nguyen
Date:		_, 20_	·
	1		Name: Tim Poston
Date:	422/0	²⁰ , 20	Timothy Toston
			Name: Martin Lee Brady
Date:		_, 20 _	
			Name:
Date:		_, 20 _	
			Name:
Date:		, 20	
			Name:
State of:		}	Assignment Document Return Address:
) } SS.	BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 12400 Wilshire Blvd., Seventh Floor
County of:		}	
			Los Angeles, California 90025-1026 (408) 720-8598
On this	_ day of		
the undersigne	ed Notary Public	, pers	onally appeared
 [] personally	known to me [1 prov	ed to me on the basis of satisfactory evidence to
be the person	(s) whose name((s)_su	bscribed to the within instrument, and
	that _executed i		
WITHEOD INY	hand and officia	ı seal.	
Motorde	s Signature		
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ASSIGNMENT

PATENT

No.: 042390.P7255 (For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We, the undersigned, Hoanganh Nguyen, Tim Poston and Martin Lee Brady, 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, CA 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 29,1999 and assigned Application No. 09/474,337 and is entitled

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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.

Rev. 09/09/99 (A2)

- 1 -

PATENT REEL: 010671 FRAME: 0776

Date:	, 20 _	
		Name: Hoanganh Nguyen
Date:	, 20	
		Name: Tim Poston
Date: HEBRUARY 9	_, 20 <u>o</u>	o Martinhee Brand
		Name: Martin Lee Brady
Date:	, 20 _	Name:
Date:	, 20 _	
		Name:
Date:	_, 20 _	
		Name:
State of:	_}	Assignment Document Return Address:
	} SS.	BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 12400 Wilshire Blvd., Seventh Floor
	_\$	Los Angeles, California 90025-1026
		(408) 720-8598
On this day of		_ 20, before me,,
the undersigned Notary Public	c, perso	onally appeared
personally known to me [1 prove	ed to me on the basis of satisfactory evidence to
be the person(s) whose name	(s)_sub	oscribed to the within instrument, and
acknowledged that _executed	it.	
WITNESS my hand and officia	al seal.	
Notary's Signature		
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