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3. Nature of conveyance: X. Assignment	Thomas A. Maufer Paul J. Gyugyi Sameer Nanda	6.24.03	Name: <u>NVIDIA Corporation</u>	06064
City: Santa ClaraState: CA_Zp; 95050 City: Santa Clara Different Sintae: CA_Zp; 95050 City: Santa Clara Different S	3. Nature of conveyance:		Street Address: <u>2701 San Tomas Express</u>	
Additional name(s) & address(es) attached?Yes X_No Execution Dates: <u>lune 20, 2003; lune 23, 2003</u> 4. Application number(s) or registration number(s): []][][][][][][][][][][][]][][][][]][][][_	C C	City: <u>Santa Clara</u> State: <u>CA</u>	Zip:_95050
Execution Dates: June 20, 2003; June 23, 2003 4. Application number(s) or registration number(s): If this document is being filed together with a new application, the execution date of the application is: June 24, 2003. (Date of Filing) A. Fatent Application No (s) B. Patent No (s) Additional numbers attached?Yes X_ No 5. Name and address of party to whom correspondence concerning document should be mailed: Name:W. Eric Webostad Internal Address:Moser, Patterson & Sheridan, 11.P		lange of Name		
4. Application number(s) or registration number(s): Ubbble If this document is being filed together with a new application, the execution date of the application is: June 24, 2003	Other		Additional name(s) & address(es) attached?	Yes <u>X</u> No
5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved; 1 Name: W. Eric Webostad -	A. Patent Application No.(s)			~
document should be mailed: 7. Total fee (37 C.F.R. 3.41) \$ 40.00 Name: W. Eric Webostad Internal Address: Moser, Patterson & Sheridan, LLP Street Address: 350 Cambridge Avenue, Suite 250 Street Address: 350 Cambridge Avenue, Suite 250 City: Palo Alto State: California Zip: 94306 Do NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is frue and correct and any attached copy is a true convofthe original document. W. Eric Webostad, Reg. No. 35,406 Signature Name of Person Signing Signature Total number of pages including cover sheet, attachments and document: 3 1021 40.00 DA		Additional numbers attach	ed? Yes _X_ No	
Internal Address: Moser, Patterson & Sheridan, LLP X. Authorized to be charged to deposit account Street Address: 350 Cambridge Avenue, Suite 250 8. Deposit account number: 20-0782 Please debit underpayment or credit any overpayment to the above deposit account. 8. Deposit account number: 20-0782 City: Palo Alto State: California Zip: 94306 Our Order No. NVDA P000701 US (Attach duplicate 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 true and correct and any attached copy is a true convolthe original document. W. Eric Webostad, Reg. No. 35,406 Name of Person Signing 2001 ECODER 40.00 DA Mail documents to be recorded with required cover sheet information to: Mail Stop: Box Assignments, Commissioner of Patents, P.O. Box 1450				
Street Address: 350 Cambridge Avenue, Suite 250 8. Deposit account number: 20-0782 Please debit underpayment or credit any overpayment to the above deposit account. 9. State: California Zip: 94306 City: Palo Alto State: California Zip: 94306 Our Order No. NVDA P000701 US (Attach duplicate 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 true and correct and any attached copy is a true convoltine original document. W. Eric Webostad, Reg. No. 35,406 Name of Person Signing Signature Total number of pages including cover sheet, attachments and document: 3 Mail documents to be recorded with required cover sheet information to: Mal Stop. Box Assignments, Commissioner of Patents, P.O. Box 1450	Name: W. Eric Webostad		Enclosed	
Please debit underpayment or credit any overpayment to the above deposit account. City: Palo AltoState: CaliforniaZip: 94306 Please debit underpayment or credit any overpayment to the above deposit account. Our Order NoNVDA P000701 US (Attach duplicate 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 true and correct and any attached copy is a true copy of the original document. W. Eric Webostad, Reg. No. 35,406 Name of Person Signing Signature Total number of pages including cover sheet, attachments and document: 3 OP1 40.00 DA Mail documents to be recorded with required cover sheet information to: Mail Stop: Box Assignments, Commissioner of Patents, P.O. Box 1450	Internal Address: <u>Moser, Patterson & Sheridan, LLP</u>		\underline{X} Authorized to be charged to deposit act	count
Attach duplicate of this page if paying by deposit account.) (Attach duplicate 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 frue and correct and any attached copy is a true copy of the original document. W. Eric Webostad, Reg. No. 35,406 Name of Person Signing 2003 FCODPER 00000257 200782 106000257 200782 10600064 Mail documents to be recorded with required cover sheet information to: Mail Stop: Box Assignments, Commissioner of Patents, P.O. Box 1450	Street Address: <u>350 Cambridge Avenue, Suite</u>	250	Please debit underpayment or credit any	overpayment to the above
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true conv of the original document. W. Eric Webostad, Reg. No. 35,406 Name of Person Signing Wood ECCOPER 00000257 2003 ECCOPER 40.00 DA Mail documents to be recorded with required cover sheet information to: Mail Stop: Box Assignments, Commissioner of Patents, P.O. Box 1450	City: <u>Palo Alto</u> State: <u>California</u> Zip: <u>94306</u>		Our Order No. <u>NVDA P000701 US</u>	
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PATENT REEL: 014234 FRAME: 0286

Atty, Dkt. No.NVDA P000701 US

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Thomas A. Maufer, residing at 350 Sharon Park Drive #S-26 Menlo Park, CA 94025-6842

Paul J. Gyugyi, residing at 831 Henderson Avenue Sunnyvale, CA 94086

Sameer Nanda, residing at 377 Kincora Court San Jose, CA 95136

Paul J. Sidenblad, residing at 10190 Stonydale Drive Cupertino, CA 95014

(hereinafter referred to as Assignor(s), have invented a certain invention entitled:

FRAGMENT PROCESSING

for which an application for Letters Patent in the United States is filed even herewith and

WHEREAS, NVIDIA Corporation, a corporation of the State of Delaware, having a place of business at 2701 San Tomas Expressway, Santa Clara, California 95050 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the Invention disclosed therein (hereinafter referred to as Invention), and in and to all embodimente of the Invention, heretofore conceived, made or discovered by said Assigners, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignor(s) to have been received in full from said Assignee:

1. Said Assignor(s) hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries. including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every relssue or extension of any of said Patents.

2. Said Assigner(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assigner(s) shall include prompt production of pertinent facts and documente, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed;

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PATENT REEL: 014234 FRAME: 0287 (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, Including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assigner(s) in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignor(s), their respective heirs, legal representatives and assigns.

4. Said Assignor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument to said Assignee on the date indicated below.

2003

Thomas A. Maufer

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Sameer Nanda

Paul J. Sidenblad

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