Form **PTO-1595** (Rev. 08/05) OMB No. 0651-0027 (exp. 6/30/2005) U.S. Department of COMMERCE United States Patent and Trademark Office

RECORDATION FORM COVER SHEET			
PATENTS ONLY			
To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.			
1. Name of conveying party(ies): Roger L. ALLEN (04/20/06) Cass W. EVERITT (04/21/06) Henry Packard MORETON (04/17/06) Thomas H. KONG (04/17/06) Simon S. MOY (05/05/06)	2. Name and address of receiving party(ies) Name: NVIDIA Corporation Internal Address:		
Additional name of conveying party(ies) attached? ☐ Yes ☒ No			
Nature of conveyance: Execution Date(s) Noted above	Street Address: 2701 San Thomas Expressway		
	City: Santa Clara		
☐ Security Agreement ☐ Change of Name ☐ Government Interest Assignment	State: California		
Executive Order 9424, Confirmatory License	Country: USA Zip: 95050		
Other	Additional Name(s) & address(es) attached? ☐ Yes ⊠ No		
4. Application number(s) or patent number(s):	This document is being filed together with a new application.		
A. Patent Application No.(s) 11/344,445	B. Patent No.(s)		
Additional numbers atta	ched? 🔲 Yes 🗵 No		
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1		
Name: John C. Carey	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00		
Internal Address: Suite 1500	☐ Authorized to be charged by credit card		
· · · · · · · · · · · · · · · · · · ·	Authorized to be charged to deposit account		
Street Address: 3040 Post Oak Blvd.	☐ Enclosed		
	□ None required (government interest not affecting title)		
City: Houston	8. Payment Information		
State: Texas Zip: 77056	a. Credit Card Last 4 Numbers		
Phone Number : 713-623-4844	Expiration Date		
Fax Number:713-623-4846	b. Deposit Account Number 20-0782/NVDA/P001866/JCC		
Email Address: Jcarey@pattersonsheridan.com	Authorized User Name John C. Carey		
9. Signature :	May 8, 2006		
Signature John C: Carey Name of Person Signing	Total number of pages including cover sheet, attachments, and documents 9		
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Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 017595 FRAME: 0322

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Attorney Docket No. NVDA/P001866 US

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Roger L. Allen, residing at 17917 Upper Cherry Lane Lake Oswego, OR 97034

Cass W. Everitt, residing at 2832 Cool River Loop Round Rock, TX 78664

Henry Packard Moreton, residing at 140 Phillip Road Woodside, CA 94062

> Thomas H. Kong, residing at 439 Valencia Dr. Los Altos, CA 94022

Simon S. Moy, residing at 288 Sunkist Lane Los Altos. CA. 94022

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

CONSTANT VERSIONING FOR MULTI-THREADED PROCESSING

for which application for Letters Patent in the United States is filed even herewith, claiming priority to a provisional application assigned application serial number , filed ; 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 embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, 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 reissue or extension of any of said Patents.
- 2. Said Assignor(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

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any and all countries and groups of countries. Such cooperation by said Assignor(s) shall include prompt production of pertinent facts and documents, 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; (b) for prosecuting any of said applications; (c) for filling and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filling 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 Assignor(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.

	, 2006	
	 -	Roger L. Allen
	, 2006	
Spril 17, 2	, 2006	Cass W. Everitt Henry Packard Moreton
April 17	, 2006	ms m K
	, 2006	Thomas H. Kong Simon S. Moy

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Attorney Docket No. NVDA/P001866 US

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Roger L. Allen, residing at 17917 Upper Cherry Lane Lake Oswego, QR 97034

Cass W. Everitt, residing at 2832 Cool River Loop Round Rock, TX 78884

Henry Packard Moraton, residing at 140 Phillip Road Woodside, CA 94062

Thomas H. Kong, residing at 439 Valencia Dr. Los Altos, CA 94022

Simon S. Moy, residing at 288 Sunkist Lane Los Altos, CA. 94022

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

CONSTANT VERSIONING FOR MULTI-THREADED PROCESSING

for which application for Letters Patent in the United States is filed even herewith, claiming priority to a provisional application assigned application serial number , filed ; 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 embodiments of the invention, heretofore conceived, made or discovered by said Assignors, 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 reissue or extension of any of said Patents.
- 2. Sald Assignor(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 4188972 2

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any and all countries and groups of countries. Such cooperation by said Assignor(s) shall include prompt production of pertinent facts and documents, 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; (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 Assignor(s) in providing such cooperation shall be paid for by said Assignee.

- 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.
- 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.

	, 2006	Roger L. Allen
4-21	, 2 006	Cass W. Everitt
	, 20 06	Henry Packard Moreton
	, 2006	Thomas H. Kong
	, 2006	Simon S. Mov

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Attorney Docket No. NVDA/P001866 US

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Roger L. Allen, residing at 17917 Upper Cherry Lane Lake Oswego, OR 97034

Cass W. Everitt, residing at 2832 Cool River Loop Round Rock, TX 78664

Henry Packard Moreton, residing at 140 Phillip Road Woodside, CA 94062

> Thomas H. Kong, residing at 439 Valencia Dr. Los Altos, CA 94022

Simon S. Moy, residing at 288 Sunkist Lane Los Altos, CA. 94022

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

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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 reissue or extension of any of said Patents.
- Said Assignor(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

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any and all countries and groups of countries. Such cooperation by said Assignor(s) shall include prompt production of pertinent facts and documents, 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; (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 Assignor(s) in providing such cooperation shall be paid for by said Assignee.

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- Said Assignor(s) hereby warrant and represent that they have not entered and will not 4. 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.

April 20	, 2006	Roger L. Allen
	, 2006	Cass W. Everitt
	, 2006	Henry Packard Moreton
	, 2006	Thomas H. Kong
	, 2006	Simon S. Moy

Attorney Docket No. NVDA/P001866 US

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Roger L. Allen, residing at 17917 Upper Cherry Lane Lake Oswego, OR 97034

Cass W. Everitt, residing at 2832 Cool River Loop Round Rock, TX 78664

Henry Packard Moreton, residing at 140 Phillip Road Woodside, CA 94062

Thomas H. Kong, residing at 439 Valencia Dr. Los Altos, CA 94022

Simon S. Moy, residing at 288 Sunkist Lane Los Altos, CA. 94022

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- 2. Said Assignor(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

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PATENT REEL: 017595 FRAME: 0329 any and all countries and groups of countries. Such cooperation by said Assignor(s) shall include prompt production of pertinent facts and documents, 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; (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 Assignor(s) in providing such cooperation shall be paid for by said Assignee.

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

	, 2006	
		Roger L. Allen
	, 2006	Cass W. Everitt
	, 2006	Henry Packard Moreton
	, 2006	Thomas H. Kong
May 5th	, 2006	Simon S. Moy