

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Marcio T. OLIVEIRA</td><td>06/25/2007</td></tr><tr><td>Robert A. ALFIERI</td><td>06/09/2007</td></tr></tbody></table>		Name	Execution Date	Marcio T. OLIVEIRA	06/25/2007	Robert A. ALFIERI	06/09/2007				
Name	Execution Date										
Marcio T. OLIVEIRA	06/25/2007										
Robert A. ALFIERI	06/09/2007										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>NVIDIA Corporation</td></tr><tr><td>Street Address:</td><td>2701 San Tomas Expressway</td></tr><tr><td>City:</td><td>Santa Clara</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>95050</td></tr></table>		Name:	NVIDIA Corporation	Street Address:	2701 San Tomas Expressway	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95050
Name:	NVIDIA Corporation										
Street Address:	2701 San Tomas Expressway										
City:	Santa Clara										
State/Country:	CALIFORNIA										
Postal Code:	95050										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11760697</td></tr></tbody></table>		Property Type	Number	Application Number:	11760697						
Property Type	Number										
Application Number:	11760697										
CORRESPONDENCE DATA											
Fax Number: (713)623-4846 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 713-623-4844											
Email: jcardenas@pattersonsheridan.com											
Correspondent Name: Patterson & Sheridan, L.L.P.											
Address Line 1: 3040 Post Oak Blvd.											
Address Line 2: Suite 1500											
Address Line 4: Houston, TEXAS 77056-6582											
NAME OF SUBMITTER:	Stephanie Winner										
Total Attachments: 4 source=NVDA_P003420_EASGN#page1.tif source=NVDA_P003420_EASGN#page2.tif source=NVDA_P003420_EASGN#page3.tif source=NVDA_P003420_EASGN#page4.tif											

OP \$40.00 11760697

500313574

PATENT
REEL: 019551 FRAME: 0683

Attorney Docket No. NVDA/P003420

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Marcio T. OLIVEIRA, residing at
3251 Woodcrest Dr.
San Jose, CA, 95118

Robert A. ALFIERI, residing at
104 Quarry Place
Chapel Hill, NC 27517

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

A MULTI-THREADED FIFO MEMORY WITH SPECULATIVE READ AND WRITE CAPABILITY

enclosed herewith or for which application for Letters Patent in the United States was filed on June 8, 2007, under Serial No.11/760,697, and

WHEREAS, NVIDIA Corporation, a corporation of the State of Delaware, having a place of business at 2701 San Tomas Expressway, Santa Clara, CA 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 Assignors to have been received in full from said Assignee:

1. Said Assignors 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 conventional, 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 Assignors 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 Assignors 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, conventional, 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 therefore 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 Assignors 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 Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors 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 Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) 06/25, 2007

Marcio T. OLIVEIRA

2) _____, 2007

Robert A. ALFIERI

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Marcio T. OLIVEIRA, residing at
3251 Woodcrest Dr.
San Jose, CA, 95118

Robert A. ALFIERI, residing at
104 Quarry Place
Chapel Hill, NC 27517

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

A MULTI-THREADED FIFO MEMORY WITH SPECULATIVE READ AND WRITE CAPABILITY

enclosed herewith or for which application for Letters Patent in the United States was filed on June 8, 2007, under Serial No.11/760,697, and

WHEREAS, NVIDIA Corporation, a corporation of the State of Delaware, having a place of business at 2701 San Tomas Expressway, Santa Clara, CA 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 Assignors to have been received in full from said Assignee:

1. Said Assignors 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 conventional, 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 Assignors 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 Assignors 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, conventional, 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 therefore 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 Assignors 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 Assignors, their respective heirs, legal representatives and assigns.


4. Said Assignors 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 Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) _____, 2007

Marcio T. OLIVEIRA

2) June 9, 2007


Robert A. ALFIERI