

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>James C. Bowman</td> <td>10/30/2007</td> </tr> <tr> <td>Dane T. Mrazek</td> <td>10/02/2007</td> </tr> <tr> <td>Sameer M. Gauria</td> <td>09/26/2007</td> </tr> </tbody> </table>		Name	Execution Date	James C. Bowman	10/30/2007	Dane T. Mrazek	10/02/2007	Sameer M. Gauria	09/26/2007
Name	Execution Date								
James C. Bowman	10/30/2007								
Dane T. Mrazek	10/02/2007								
Sameer M. Gauria	09/26/2007								
RECEIVING PARTY DATA									
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" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11935239</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11935239				
Property Type	Number								
Application Number:	11935239								
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:	kkeeler@pattersonsheridan.com								
Correspondent Name:	Patterson & Sheridan								
Address Line 1:	3040 Post Oak Blvd								
Address Line 2:	Suite 1500								
Address Line 4:	Santa Clara, CALIFORNIA 77056-6582								
ATTORNEY DOCKET NUMBER:	NVDA/P002110								
NAME OF SUBMITTER:	John C. Carey								

Total Attachments: 3
 source=NVDA_P002110_EASGN#page1.tif

500395744

PATENT
REEL: 020094 FRAME: 0509

CH \$40.00 11935239

source=NVDA_P002110_EASGN#page2.tif
source=NVDA_P002110_EASGN#page3.tif

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

James C. BOWMAN, residing at
1946 Pescadero Road
Pescadero CA, 94060

Dane T. MRAZEK, residing at
3020 Whisperwave Circle
Redwood City, CA 94065

Sameer M. GAURIA, residing at
4475 Moulin Place
Santa Clara, CA 95054

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

A VERTEX CACHE MAP MODE FOR PER-VERTEX STATE CHANGES

enclosed herewith or for which application for Letters Patent in the United States was filed on _____, under Serial No. _____, 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.


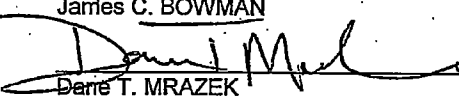
2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt 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)	<u>10/30</u>	, 2007	 James C. BOWMAN
2)	<u>10/2</u>	, 2007	 Darin T. MRAZEK
3)	_____	, 2007	_____ Sameer M. GAURIA

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
James C. BOWMAN
- 2) _____, 2007
Dane T. MRAZEK
- 3) 26 September, 2007.
SGauria
Sameer M. GAURIA