

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>Lincoln G. Garlick</td><td>10/24/2006</td></tr><tr><td>Vikramjeet Singh</td><td>10/25/2006</td></tr><tr><td>David W. Neuchterlein</td><td>10/25/2006</td></tr><tr><td>Shail Dave</td><td>10/25/2006</td></tr><tr><td>Jeffrey Smith</td><td>10/25/2006</td></tr><tr><td>Paolo E. Sabella</td><td>10/24/2006</td></tr><tr><td>Dennis Ma</td><td>10/24/2006</td></tr></tbody></table>		Name	Execution Date	Lincoln G. Garlick	10/24/2006	Vikramjeet Singh	10/25/2006	David W. Neuchterlein	10/25/2006	Shail Dave	10/25/2006	Jeffrey Smith	10/25/2006	Paolo E. Sabella	10/24/2006	Dennis Ma	10/24/2006
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<table border="1"><tr><td>Name:</td><td>NVIDIA Corporatoin</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 Corporatoin	Street Address:	2701 San Tomas Expressway	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95050						
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PROPERTY NUMBERS Total: 1																	
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CORRESPONDENCE DATA																	
Fax Number: (858)350-6111 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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Address Line 2: Townsend and Townsend and Crew																	
Address Line 4: San Francisco, CALIFORNIA 94111-3834																	
ATTORNEY DOCKET NUMBER:	019680-025700US																

PATENT

500171144

REEL: 018448 FRAME: 0783

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NAME OF SUBMITTER:

Raymond B. Hom

Total Attachments: 6

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Attorney Docket No.: 019680-025700US
Client Reference No.: P001949

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Lincoln G. Garlick of 1156 Phillips Ct., Santa Clara, CA 95051; Vikramjeet Singh of 1201 Quema Dr., Fremont, CA 94539; David W. Nuechterlein of 2313 Bluebird Drive, Longmont, CO 80504; Shail Dave of 1400 Cedarmeadow Court, San Jose, CA 95131; Jeffrey M. Smith of 4271 Horner St., Union City, CA 94587; Paolo E. Sabella of 484 Alvarado St., San Francisco, CA 94114; and Dennis Ma of 624 Jefferson Court, San Jose, CA 95133, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: METHOD AND APPARATUS FOR FREEZING PIPELINE
PROCESSING WITH ACKNOWLEDGEMENT

Date(s) of execution of Declaration: October 24 & 25, 2006

Filing Date: October 27, 2006

Application No.: 11/553,913 ; and

WHEREAS, NVIDIA Corporation, a corporation of the state of Delaware, located at 2701 San Tomas Expressway, Santa Clara, CA 95050, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;


For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

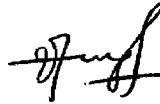
IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 10/24/06


Lincoln G. Garlick

Assignment
Attorney Docket No.: 019680-025700US
Page 2

Dated: 10/25/2006



Vikramjeet Singh

Dated: _____

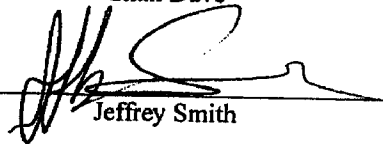
David W. Nuechterlein

Dated: 10/25/2006



Shail Dave

Dated: 10/25/2006



Jeffrey Smith

Dated: _____

Paolo E. Sabella

Dated: 10/24/2006



Dennis Ma

60889195 v1

Attorney Docket No.: 019680-025700US
Client Reference No.: P001949

ASSIGNMENT OF PATENT APPLICATION

JOINT

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Title of Invention: **METHOD AND APPARATUS FOR FREEZING PIPELINE PROCESSING WITH ACKNOWLEDGEMENT**

Date(s) of execution of Declaration: **October 25, 2006**

Filing Date: **October 27, 2006**

Application No.: **11/553,913** ; and

WHEREAS, NVIDIA Corporation, a corporation of the state of Delaware, located at 2701 San Tomas Expressway, Santa Clara, CA 95050, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

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Title of Invention: METHOD AND APPARATUS FOR FREEZING PIPELINE
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Date(s) of execution of Declaration: October 24, 2006

Filing Date: October 27, 2006

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