

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>Sreenivas Reddy</td><td>11/11/2008</td></tr><tr><td>John George Mathieson</td><td>11/11/2008</td></tr></tbody></table>		Name	Execution Date	Sreenivas Reddy	11/11/2008	John George Mathieson	11/11/2008				
Name	Execution Date										
Sreenivas Reddy	11/11/2008										
John George Mathieson	11/11/2008										
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>12275217</td></tr></tbody></table>		Property Type	Number	Application Number:	12275217						
Property Type	Number										
Application Number:	12275217										
CORRESPONDENCE DATA											
Fax Number: (408)938-9069 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 408-938-9060											
Email: general@iphorizons.com											
Correspondent Name: NVIDIA C/O MURABITO, HAO & BARNES LLP											
Address Line 1: TWO NORTH MARKET STREET											
Address Line 2: THIRD FLOOR											
Address Line 4: SAN JOSE, CALIFORNIA 95113											
ATTORNEY DOCKET NUMBER:	NVDA-044 ASSIGNMENT										
NAME OF SUBMITTER:	Narendra Reddy Thappeta										
Total Attachments: 4 source=assign#page1.tif source=assign#page2.tif											

OP \$40.00 12275217

500710998

PATENT  
REEL: 021870 FRAME: 0584

source=assign#page3.tif  
source=assign#page4.tif

## ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned Sreenivas Reddy and John George Mathieson hereby sell(s) and assign(s) to NVIDIA Corporation, 2701 San Tomas Expressway, Santa Clara, California 95050, USA (the Assignee) his/her entire right, title and interest.

*check applicable box(es)*

- ☒ for the United States of America (as defined in 35 U.S.C. § 100), and  
☒ throughout the world.

in the invention(s) known as, Bus Based Communications Between A Processor And A Peripheral Controller In A Digital Processing System, for which application(s) for patent in the United States of America has (have) been executed by the undersigned on \_\_\_\_\_ (also known as United States Application No. \_\_\_\_\_, filed \_\_\_\_\_), in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisionals and the continuing applications thereof to the full end of the term or terms for which such Letters Patent(s) issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing, divisional, reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing, divisional, reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

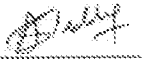
The undersigned hereby covenant(s) that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grant(s) Narendra Reddy Thappeta, Esq., Registration Number 41,416, and the attorney's at customer number: 43594 power to insert in this assignment any further

identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

Date: 11/11/2008

Signature of Inventor:   
Sreenivas Reddy

Date: \_\_\_\_\_

Signature of Inventor: \_\_\_\_\_  
John George Mathieson

## ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned Sreenivas Reddy and John George Mathieson hereby sell(s) and assign(s) to NVIDIA Corporation, 2701 San Tomas Expressway, Santa Clara, California 95050, USA (the Assignee) his/her entire right, title and interest

*check applicable box(es)*

☒ for the United States of America (as defined in 35 U.S.C. § 100), and

☒ throughout the world.

in the invention(s) known as, Bus Based Communications Between A Processor And A Peripheral Controller In A Digital Processing System, for which application(s) for patent in the United States of America has (have) been executed by the undersigned on \_\_\_\_\_ (also known as United States Application No. \_\_\_\_\_, filed \_\_\_\_\_), in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisionals and the continuing applications thereof to the full end of the term or terms for which such Letters Patent(s) issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing, divisional, reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing, divisional, reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby covenant(s) that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grant(s) Narendra Reddy Thappeta, Esq., Registration Number 41,416, and the attorneys at customer number: 45594 power to insert in this assignment any further

identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

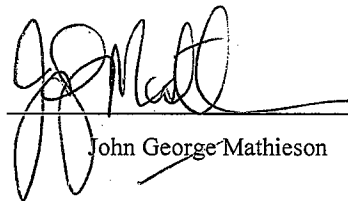
Date: \_\_\_\_\_

Signature of Inventor: \_\_\_\_\_

Sreenivas Reddy

Date: 11/11/2008

Signature of Inventor: \_\_\_\_\_

  
John George Mathieson