

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
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<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						
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CORRESPONDENCE DATA																	
Fax Number:	7136234846																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	713-623-4844																
Email:	rsmith@pattersonsheridan.com, psdocketing@pattersonsheridan.com																
Correspondent Name:	PATTERSON & SHERIDAN, LLP/NVIDIA																
Address Line 1:	3040 POST OAK BLVD.																
Address Line 2:	SUITE 1500																
Address Line 4:	HOUSTON, TEXAS 77056																

OP \$40.00 13722346

ATTORNEY DOCKET NUMBER:	NVDA/AU-12-0408-US
NAME OF SUBMITTER:	Rebecca J. Smith
Signature:	/Rebecca J. Smith/
Date:	05/01/2013
<p>Total Attachments: 6 source=NVDA_AU-12-0408-US_ASSIGNMENT#page1.tif source=NVDA_AU-12-0408-US_ASSIGNMENT#page2.tif source=NVDA_AU-12-0408-US_ASSIGNMENT#page3.tif source=NVDA_AU-12-0408-US_ASSIGNMENT#page4.tif source=NVDA_AU-12-0408-US_ASSIGNMENT#page5.tif source=NVDA_AU-12-0408-US_ASSIGNMENT#page6.tif</p>	

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Hungse CHA, residing at
10707 Winchelsea Drive
Austin, Texas 78750

Robert HUANG, residing at
264 Bayberry Common
Fremont, California 94539

Vishal MEHTA, residing at
3128 Loma Verde Drive, Apt. 318
San Jose, California 95117

Feroze KARIM, residing at
J-306, Purve venezia, Near Mother Diary
Yelahanka New Town
Bangalore-560064
INDIA

Dennis Kd MA, residing at
10404 Canyon Vista Way
Austin, Texas 78726

Michael HOPGOOD, residing at
1948 Moriset Way
San Jose, California 95131

Srikanth DEVARAPALLI, residing at
442 Madera Avenue, #10
Sunnyvale, CA 94086

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

A MULTIPASS APPROACH FOR PERFORMING CHANNEL EQUALIZATION TRAINING

enclosed herewith or for which application for Letters Patent in the United States under Application No. , filed on Concurrently Herewith, 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 Assignor, 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.

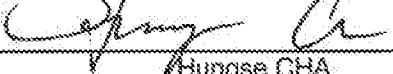
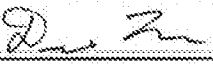
2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt 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.

5. I hereby authorize and request my attorneys, Patterson & Sheridan LLP, of 3040 Post Oak Blvd, Suite 1500, Houston Texas 77056, to insert above in parentheses (Application No. and Filing Date) the filing date and application number of said application when known.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1)	<u>December 18</u> , 2012	 Hungse CHA
2)	_____, 2012	Robert HUANG
3)	_____, 2012	Vishal MEHTA
4)	_____, 2012	Feroze KARIM
5)	<u>December 18</u> , 2012	 Dennis MA
6)	_____, 2012	Michael HOPGOOD
7)	_____, 2012	Srikanth DEVARAPALLI

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.

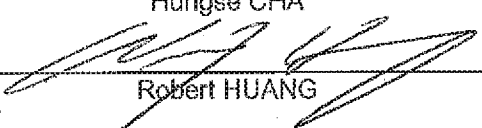
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7) _____, 2012	_____ Srikanth DEVARAPALLI

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	Vishal METHA
4) <u>12/18/2012</u> , 2012	<u>f. feroze</u>
	Feroze KARIM
5) _____, 2012	_____
	Dennis MA
6) _____, 2012	_____
	Michael HOPGOOD
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6)	4/26/	, 2013		Michael HOPSWOOD
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5)	_____	, 2013	_____	Dennis Kd MA
6)	_____	, 2013	_____	Michael HOPGOOD
7)	MAR 15 th	, 2013	_____	D.V. Srikanth Srikanth DEVARAPALLI