

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
CONVEYING PARTY DATA																			
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RECEIVING PARTY DATA																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%;">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																			
<p>Fax Number: (713)623-4846 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 713-623-4844 Email: jcardenas@pattersonsheridan.com Correspondent Name: Patterson & Sheridan, LLP Address Line 1: 3040 Post Oak Blvd. Address Line 2: Suite 1500 Address Line 4: Houston, TEXAS 77056-6582</p>																			

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PATENT
REEL: 023372 FRAME: 0152

NAME OF SUBMITTER:

John C. Carey

Total Attachments: 3

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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Shany-I CHAN, residing at
No. 6, Ln. 430, Fushing N. Rd.
Taipei City
TAIWAN

Ching-Yee FENG, residing at
2F, No.66, Zhongyang 3rd St.
Xindian City, Taipei County
TAIWAN

Shih-Da WU, residing at
8F, No. 16, Sec. 5, XinYi Rd.
Taipei City
TAIWAN

Tseng-Ying LEE, residing at
No.3, Ln. 128, Junfu 19th Rd.
Beitun Dist., Taichung City
TAIWAN

Li-Kai CHENG, residing at
9F, No. 82, Jhongjheng Rd.
Jhonghe City, Taipei County
TAIWAN

Li-Ling CHOU, residing at
5F, No.19, Aly. 16, Ln. 253, Jinmen St.
Banqiao City, Taipei County
TAIWAN

Yu-Kuo CHIANG, residing at
12F, No.25, Ln. 88, Sec. 2, Wenhua 2nd Rd.
Linkou Township, Taipei County
TAIWAN

Yu-Li (David) HO, residing at
4F, No. 18, Lane 283, Sec. 3 Roosevelt Rd.
Taipei City, TAIWAN

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

METHOD AND SYSTEM FOR SUPPORTING GPU AUDIO OUTPUT ON GRAPHICS PROCESSING UNIT

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

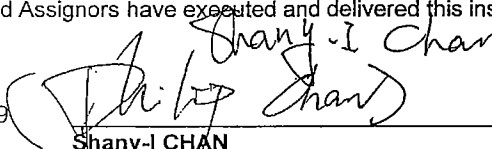
3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

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.

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) 10/12, 2009


Shany-I CHAN

2) 10/12, 2009


Ching-Yee FENG

- 3) 10.13, 2009 Shih Da Wu
Shih-Da WU
- 4) 10.13, 2009 Tseng-Ying Lee
Tseng-Ying LEE
- 5) 10.12, 2009 Li-Kai Cheng
Li-Kai CHENG
- 6) Oct. 12, 2009 Li Ling Chou
Li-Ling CHOU
- 7) Oct. 12, 2009 Yu Kuo Chiang
Yu-Kuo CHIANG
- 8) Oct. 12, 2009 David Yu-Li Ho
Yu-Li (David) HO