

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<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>Duncan A. Riach</td> <td>04/26/2008</td> </tr> <tr> <td>Michael A. Ogrinc</td> <td>11/21/2007</td> </tr> <tr> <td>Leslie E. Neft</td> <td>11/21/2007</td> </tr> </tbody> </table>		Name	Execution Date	Duncan A. Riach	04/26/2008	Michael A. Ogrinc	11/21/2007	Leslie E. Neft	11/21/2007		
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:20%;"><b>Name:</b></td> <td>NVIDIA Corporation</td> </tr> <tr> <td><b>Street Address:</b></td> <td>2701 San Tomas Expressway</td> </tr> <tr> <td><b>City:</b></td> <td>Santa Clara</td> </tr> <tr> <td><b>State/Country:</b></td> <td>CALIFORNIA</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>95050</td> </tr> </table>		<b>Name:</b>	NVIDIA Corporation	<b>Street Address:</b>	2701 San Tomas Expressway	<b>City:</b>	Santa Clara	<b>State/Country:</b>	CALIFORNIA	<b>Postal Code:</b>	95050
<b>Name:</b>	NVIDIA Corporation										
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
<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: kkeeler@pattersonsheridan.com</p> <p>Correspondent Name: Patterson &amp; Sheridan        Address Line 1: 3040 Post Oak Blvd        Address Line 2: Suite 1500        Address Line 4: Houston, TEXAS 77056-6582</p>											
<b>NAME OF SUBMITTER:</b>	John C. Carey										

Total Attachments: 7  
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Attorney Docket No. NVDA/P003770

**ASSIGNMENT FOR APPLICATION FOR PATENT**

WHEREAS:

**Duncan A. RIACH**, residing at  
240 Monroe Drive, #506  
Mountain View  
CA 94040

**Michael A. OGRINC**, residing at  
490 Douglass Street  
San Francisco, CA 94114-2761

**Leslie E. NEFT**, residing at  
447 Mountain Laurel Court  
Mountain View, CA 94043

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

**SYSTEM AND METHOD FOR CONTROLLING MODE SWITCHES IN HARDWARE**

enclosed herewith or for which application for Letters Patent in the United States was filed on November 26, 2007, under Serial No. 11/945,218, 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

1 of 2

PATENT

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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>APRIL 26</u> , 2008	<u><i>Duncan Riach</i></u> Duncan A. RIACH
2)	_____, 2007	_____ Michael A. OGRINC
3)	_____, 2007	_____ Leslie E. NEFT

Attorney Docket No. NVDA/P003770

**ASSIGNMENT FOR APPLICATION FOR PATENT**

WHEREAS:

**Duncan A. RIACH**, residing at  
7 Temple Heights, Windlesham Road  
Brighton, East Sussex, BN1 3AY  
United Kingdom

**Michael A. OGRINC**, residing at  
490 Douglass Street  
San Francisco, CA 94114-2761

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**PATENT**

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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.

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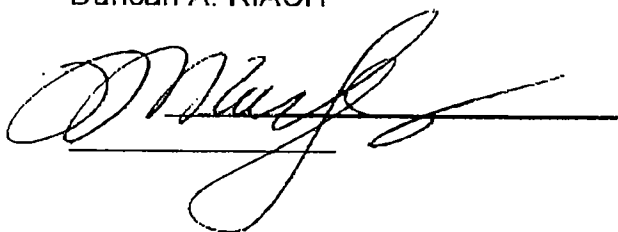
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\_\_\_\_\_  
Duncan A. RIACH

2) 11/21/2007, 2007

  
\_\_\_\_\_

Michael A. OGRINC

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Duncan A. RIACH

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Michael A. OGRINC

3) 11/21, 2007

Leslie E Neft  
\_\_\_\_\_  
Leslie E. NEFT