

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>Harikrishna Madadi Reddy</td><td>11/18/2008</td></tr><tr><td>Himadri Choudhury</td><td>11/18/2008</td></tr><tr><td>Manindra Parhy</td><td>11/18/2008</td></tr><tr><td>Liang Cheng</td><td>11/18/2008</td></tr></tbody></table>		Name	Execution Date	Harikrishna Madadi Reddy	11/18/2008	Himadri Choudhury	11/18/2008	Manindra Parhy	11/18/2008	Liang Cheng	11/18/2008
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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
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PROPERTY NUMBERS Total: 1											
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Application Number:	12274237										
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: officeaction@mhbpatents.com											
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Address Line 1: TWO NORTH MARKET STREET											
Address Line 2: THIRD FLOOR											
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NAME OF SUBMITTER:	Glenn D. Barnes										
Total Attachments: 1											

OP \$40.00 12274237

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PATENT
REEL: 021863 FRAME: 0152

Assignment to NVIDIA Corporation

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Harikrishna Madadi Reddy, Himadri Choudhury, Manindra Parhy, Liang Cheng do hereby sell, assign, and transfer unto NVIDIA Corporation (hereinafter called NVIDIA), a Delaware Corporation having its principal place of business at 2701 San Tomas Expressway, Santa Clara, CA 95050, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

A VIDEO RATE CONTROL PROCESSOR FOR A VIDEO ENCODING PROCESS

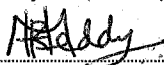
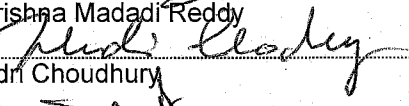
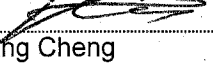
X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: _____ filed on _____ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of NVIDIA, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to NVIDIA, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by NVIDIA.

I/we further covenant with NVIDIA, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: <u></u>	Date: <u>11/18/08</u>
Inventor's Signature: <u>Harikrishna Madadi Reddy</u>	Date: <u>11/18/08</u>
Inventor's Signature: <u></u>	Date: <u>11/18/08</u>
Inventor's Signature: <u>Himadri Choudhury</u>	Date: <u>11/18/08</u>
Inventor's Signature: <u></u>	Date: <u>11/18/08</u>
Inventor's Signature: <u>Manindra Parhy</u>	Date: <u>11/18/08</u>
Inventor's Signature: <u></u>	Date: <u>11/18/08</u>
Inventor's Signature: <u>Liang Cheng</u>	