502086199 10/05/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Krishna Noru	09/27/2012
Nitin Jadon	10/02/2012
Shu-Jen Fang	10/02/2012
Prahlad Venkatapuram	10/04/2012
Visalakshi Vaduganathan	10/05/2012

RECEIVING PARTY DATA

Name:	Nvidia Corporation
Street Address:	2701 San Tomas Expressway
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95050

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13646127

CORRESPONDENCE DATA

Fax Number: 4089389069

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 408-938-9060

Email: officeaction@mhbpatents.com

NVIDIA C/O MURABITO, HAO & BARNES LLP Correspondent Name:

Address Line 1: TWO NORTH MARKET STREET

Address Line 2: THIRD FLOOR

SAN JOSE, CALIFORNIA 95113 Address Line 4:

ATTORNEY DOCKET NUMBER:	NVID-P-SC-11-0269-US1
NAME OF SUBMITTER:	Eric Gash
	PATENT

REEL: 029085 FRAME: 0303

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Total Attachments: 5

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PATENT REEL: 029085 FRAME: 0304

Attorney Docket No.: NVID-P-SC-11-0269-US1

Assignment to NVIDIA Corporation

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Krishna Kishor Noru
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:
VIDEO DECODING ERROR CONCEALMENT TECHNIQUES
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: N. July M. Date: 9/27/2012 Krishna Kishor Noru

Attorney Docket No.: NVID-P-SC-11-0269-US1

Assignment to NVIDIA Corporation

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Nitin Jadon			
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:			
VIDEO DECODING ERROR CONCEALMENT TECHNIQUES			
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: Date: 2nd 0ct-2012			
Nitin Jadon (

PATENT rev. 11/97 epr. REEL: 029085 FRAME: 0306

Attorney Docket No NVID-P-SC-11-0269-US1

Assignment to NVIDIA Corporation

In c S	consideration of good and valuable consideration, receipt of which is hereby acknowledged. I/we hu-Jen Fang
hav suc any	hereby sell, assign, and transfer unto NVIDIA Corporation (hereinafter called NVIDIA), a Delaware Corporation (hereinafter called NVIDIA), a Delaware Corporation (in its principal place of business at 2701 San Tomas Expressway. Santa Clara. CA 95050, and its cessors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to and all improvements, including the right of priority in, to, and under, the application for the United States ent entitled:
VID	EO DECODING ERROR CONCEALMENT TECHNIQUES
Х	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
12	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;
exe con its s Stal prod exp exp I/we mor	If for the above consideration, I/we agree promptly upon request of NVIDIA, its successors or assigns, to cute and deliver without further compensation any power of attorney, assignment, application, whether original tinuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to NVIDIA, successors and assigns, the inventions described in said application and all patent rights therein, in the United tes and in any country foreign thereto, and to cooperate and assist in the prosecution of interference ceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the enses which may be incurred by me/us in lending such cooperation and assistance are paid by NVIDIA. If further covenant with NVIDIA, its successors, assigns, and legal representatives that no assignment, grant, tgage, license, or other agreement affecting the rights and property herein conveyed has been made to others the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;
ln w	ritness whereof, I/we hereunto set my/our hand(s) and seal:
	entor's Signature: Date: 10 (02/2012 -Jen Fang

Page 1 of 1 PATENT (ev. 11/97 epn. REEL: 029085 FRAME: 0307

Attorney Docket No.: NVID-P-SC-11-0269-US1

Assignment to NVIDIA Corporation

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Prahlad Venkatapuram do hereby sell, assign, and transfer unto NVIDIA Corporation (hereinafter called NVIDIA), a Delawing its principal place of business at 2701 Sep. Tomas Expressively, Santa Clara, CA

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:

VIDEO DECODING ERROR CONCEALMENT TECHNIQUES

X	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.: and described therein, and an which may be granted thereon	y and all Letters Patent of the Unit	and the inventions set forth ted States and of countries foreign thereto	
exec	cute and deliver without further	compensation any power of attorne	t of NVIDIA, its successors or assigns, toy, assignment, application, whether original	

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 he eunto set my/our hand(s) and seal:

Inventor's Signature: Prahlad Venkatapuram That & (Probled Venk Jrfr) Date: October 04, 2012

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Page 1 of 1

Attorney	Docket No.:	NVID-P-SC-11-0269-US1

Assignment to NVIDIA Corporation

Visalakshi Vaduganathan		
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:	; }	
VIDEO DECODING ERROR CONCEALMENT TECHNIQUES		
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: ソンマーはん Date: ロークランフェータ Visalakshi Vaduganathan		
Visalaksiii vaduganaman		

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RECORDED: 10/05/2012