

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2634773

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>LUTZ KETTNER</td> <td>03/25/2013</td> </tr> <tr> <td>HAKAN ANDERSSON</td> <td>04/01/2013</td> </tr> <tr> <td>MICHAEL BECK</td> <td>03/26/2013</td> </tr> <tr> <td>ROBERT HODICKE</td> <td>03/26/2013</td> </tr> <tr> <td>JAN JORDAN</td> <td>04/02/2013</td> </tr> <tr> <td>ANDY KOPRA</td> <td>03/25/2013</td> </tr> <tr> <td>STEVEN PARKER</td> <td>04/11/2013</td> </tr> <tr> <td>MATTHIAS RAAB</td> <td>03/25/2013</td> </tr> <tr> <td>DANIEL SEIBERT</td> <td>03/25/2013</td> </tr> <tr> <td>RAJKO YASUI-SCHOEFFEL</td> <td>03/23/2013</td> </tr> </tbody> </table>		Name	Execution Date	LUTZ KETTNER	03/25/2013	HAKAN ANDERSSON	04/01/2013	MICHAEL BECK	03/26/2013	ROBERT HODICKE	03/26/2013	JAN JORDAN	04/02/2013	ANDY KOPRA	03/25/2013	STEVEN PARKER	04/11/2013	MATTHIAS RAAB	03/25/2013	DANIEL SEIBERT	03/25/2013	RAJKO YASUI-SCHOEFFEL	03/23/2013
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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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Application Number:	13841016																						
CORRESPONDENCE DATA																							
Fax Number:	(972)480-8865																						
Phone:	9724808800																						
Email:	carolyn.firestone@hittgaines.com																						
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>																							
Correspondent Name:	HITT GAINESS P.C./NVIDIA																						
Address Line 1:	P.O. BOX 832570																						

CH \$40.00 13841016

Address Line 4: RICHARDSON, TEXAS 75083	
ATTORNEY DOCKET NUMBER:	SC-12-0673-US1
NAME OF SUBMITTER:	DAVID H. HITT
Signature:	/David H. Hitt/
Date:	12/03/2013
<p>Total Attachments: 10</p> <p>source=12_03_13-NVID-12-0673_Assign#page1.tif source=12_03_13-NVID-12-0673_Assign#page2.tif source=12_03_13-NVID-12-0673_Assign#page3.tif source=12_03_13-NVID-12-0673_Assign#page4.tif source=12_03_13-NVID-12-0673_Assign#page5.tif source=12_03_13-NVID-12-0673_Assign#page6.tif source=12_03_13-NVID-12-0673_Assign#page7.tif source=12_03_13-NVID-12-0673_Assign#page8.tif source=12_03_13-NVID-12-0673_Assign#page9.tif source=12_03_13-NVID-12-0673_Assign#page10.tif</p>	

Serial No. 13/841,016

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements for which application for United States Letters Patent entitled "Material Representation Data Structure and Method of Representing A Material for Digital Image Synthesis" was filed under Serial No. 13/841,016, the said application having been filed on March 15, 2013; and

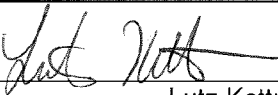
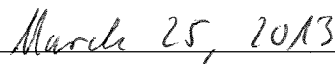
WHEREAS, NVIDIA, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 2701 San Tomas Expressway, Santa Clara, CA 95050 U.S.A, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

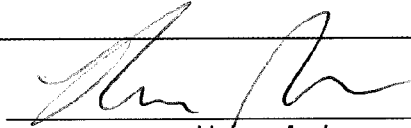
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said NVIDIA, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said NVIDIA, as assignee of my entire right, title and interest.

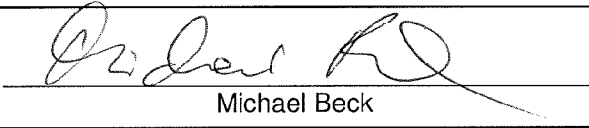
I also hereby sell and assign to NVIDIA, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.



I hereby further agree that I will communicate to said NVIDIA, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said NVIDIA, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

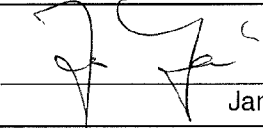
IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

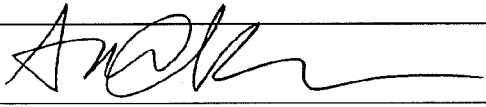
TITLE OF INVENTION	MATERIAL REPRESENTATION DATA STRUCTURE AND METHOD OF REPRESENTING A MATERIAL FOR DIGITAL IMAGE SYNTHESIS
SIGNATURE OF INVENTOR AND NAME	 Lutz Kettner
RESIDENCE (CITY AND STATE)	Berlin Germany
DATE SIGNED	 March 25, 2013

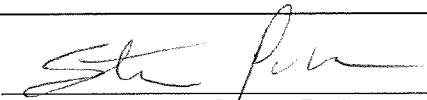
TITLE OF INVENTION	MATERIAL REPRESENTATION DATA STRUCTURE AND METHOD OF REPRESENTING A MATERIAL FOR DIGITAL IMAGE SYNTHESIS
SIGNATURE OF INVENTOR AND NAME	 Hakan Andersson
RESIDENCE (CITY AND STATE)	Eskilstuna Sweden
DATE SIGNED	2013-04-01


TITLE OF INVENTION	MATERIAL REPRESENTATION DATA STRUCTURE AND METHOD OF REPRESENTING A MATERIAL FOR DIGITAL IMAGE SYNTHESIS
SIGNATURE OF INVENTOR AND NAME	 Michael Beck
RESIDENCE (CITY AND STATE)	Berlin Germany
DATE SIGNED	<u>March 26. 2013</u>

TITLE OF INVENTION	MATERIAL REPRESENTATION DATA STRUCTURE AND METHOD OF REPRESENTING A MATERIAL FOR DIGITAL IMAGE SYNTHESIS
SIGNATURE OF INVENTOR AND NAME	 Robert Hödicke
RESIDENCE (CITY AND STATE)	Berlin Germany
DATE SIGNED	 3/26/2013

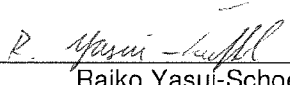
TITLE OF INVENTION	MATERIAL REPRESENTATION DATA STRUCTURE AND METHOD OF REPRESENTING A MATERIAL FOR DIGITAL IMAGE SYNTHESIS
SIGNATURE OF INVENTOR AND NAME	 Jan Jordan
RESIDENCE (CITY AND STATE)	Berlin Germany
DATE SIGNED	4/2/2013

TITLE OF INVENTION	MATERIAL REPRESENTATION DATA STRUCTURE AND METHOD OF REPRESENTING A MATERIAL FOR DIGITAL IMAGE SYNTHESIS
SIGNATURE OF INVENTOR AND NAME	 Andy Kopra
RESIDENCE (CITY AND STATE)	Berlin Germany
DATE SIGNED	<u>25 March 2013</u>

TITLE OF INVENTION	MATERIAL REPRESENTATION DATA STRUCTURE AND METHOD OF REPRESENTING A MATERIAL FOR DIGITAL IMAGE SYNTHESIS
SIGNATURE OF INVENTOR AND NAME	 Steven Parker
RESIDENCE (CITY AND STATE)	Salt Lake City, Utah
DATE SIGNED	April 11 th 2013

TITLE OF INVENTION	MATERIAL REPRESENTATION DATA STRUCTURE AND METHOD OF REPRESENTING A MATERIAL FOR DIGITAL IMAGE SYNTHESIS
SIGNATURE OF INVENTOR AND NAME	 Matthias Raab
RESIDENCE (CITY AND STATE)	Berlin Germany
DATE SIGNED	<u>2013-03-25</u>

TITLE OF INVENTION	MATERIAL REPRESENTATION DATA STRUCTURE AND METHOD OF REPRESENTING A MATERIAL FOR DIGITAL IMAGE SYNTHESIS
SIGNATURE OF INVENTOR AND NAME	<u>D. Seibert</u> Daniel Seibert
RESIDENCE (CITY AND STATE)	Berlin Germany
DATE SIGNED	<u>2013-03-25</u>

TITLE OF INVENTION	MATERIAL REPRESENTATION DATA STRUCTURE AND METHOD OF REPRESENTING A MATERIAL FOR DIGITAL IMAGE SYNTHESIS
SIGNATURE OF INVENTOR AND NAME	 Rajko Yasui-Schoeffel
RESIDENCE (CITY AND STATE)	Berlin Germany
DATE SIGNED	<u>23 March 2013</u>