

## 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>Alexander Lev Minkin</td> <td>03/15/2013</td> </tr> <tr> <td>Henry Packard Moreton</td> <td>03/15/2013</td> </tr> <tr> <td>Yury Uralsky</td> <td>03/15/2013</td> </tr> <tr> <td>Eric Brian Lum</td> <td>03/14/2013</td> </tr> <tr> <td>Dale L. Kirkland</td> <td>03/15/2013</td> </tr> <tr> <td>Steven James Heinrich</td> <td>03/15/2013</td> </tr> <tr> <td>Rui Manuel Bastos</td> <td>03/14/2013</td> </tr> <tr> <td>Emmett M. Kilgariff</td> <td>03/14/2013</td> </tr> <tr> <td>Jeffrey Alan Bolz</td> <td>03/14/2013</td> </tr> <tr> <td>Tyson Bergland</td> <td>03/15/2013</td> </tr> <tr> <td>Patrick R. Brown</td> <td>03/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	Alexander Lev Minkin	03/15/2013	Henry Packard Moreton	03/15/2013	Yury Uralsky	03/15/2013	Eric Brian Lum	03/14/2013	Dale L. Kirkland	03/15/2013	Steven James Heinrich	03/15/2013	Rui Manuel Bastos	03/14/2013	Emmett M. Kilgariff	03/14/2013	Jeffrey Alan Bolz	03/14/2013	Tyson Bergland	03/15/2013	Patrick R. Brown	03/15/2013
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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																									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13844147</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13844147																				
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CORRESPONDENCE DATA																									
Fax Number:	4089714660																								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																									
Phone:	408-971-2573																								
Email:	Justin@zilkakotab.com																								
Correspondent Name:	Zilka-Kotab, PC																								

OP \$40.00 13844147

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Address Line 4: San Jose, CALIFORNIA 95172-1120

ATTORNEY DOCKET NUMBER:	NVIDP838/SC-13-0236-US2
NAME OF SUBMITTER:	Jamie L. Rossi
Signature:	/JAMIE ROSSI/
Date:	09/19/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 11**  
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**COMBINED DECLARATION (37 C.F.R. 1.63) AND ASSIGNMENT FOR UTILITY APPLICATION  
USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)**

Title of Invention: MULTI-SAMPLE SURFACE PROCESSING USING SAMPLE SUBSETS

As the below named inventor, I hereby declare that:

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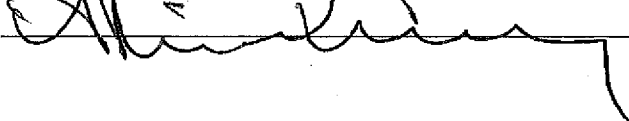
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Signed on the date indicated beside my signature.

Legal Name of Inventor: Alexander Lev Minkin

Signature: 

Date: 3/15/2013

Attorney Docket No.: NVIDP838/SC-13-0236-US2

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Legal Name of Inventor: Henry Packard MoretonSignature: Date: March 15, 2013

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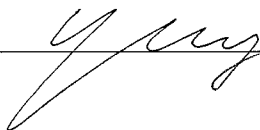
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Signed on the date indicated beside my signature.

Legal Name of Inventor: Yury Uralsky

Signature: \_\_\_\_\_



Date: \_\_\_\_\_

03/15/2013

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Legal Name of Inventor: Eric Brian Lam

Signature: *Eric Brian Lam*

Date: March 14, 2013

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Signed on the date indicated beside my signature.

Legal Name of Inventor: Dale L. Kirkland

Signature:  Date: 3/15/2013

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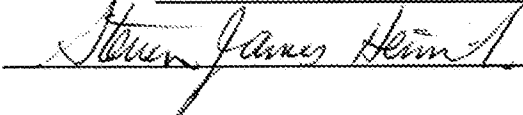
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Legal Name of Inventor: Steven James Heinrich

Signature:  Date: 3/15/2013



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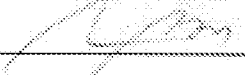
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Legal Name of Inventor: Rui Mannel Bastos

Signature:  Date: 2013/03/14

Attorney Docket No.: NVIDP838/SC-13-0236-US2

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Legal Name of Inventor: Emmett M. KilgariffSignature: Emmett M. KilgariffDate: 3-14-13

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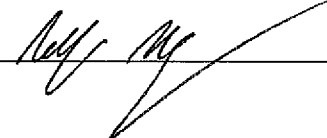
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- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Signed on the date indicated beside my signature.

Legal Name of Inventor: Jeffrey Alan Bolz

Signature:  Date: 3/14/13

**COMBINED DECLARATION (37 C.F.R. 1.63) AND ASSIGNMENT FOR UTILITY APPLICATION  
USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)**

Title of Invention: MULTI-SAMPLE SURFACE PROCESSING USING SAMPLE SUBSETS

As the below named inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked)

United States application or PCT international application number \_\_\_\_\_, filed on \_\_\_\_\_.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, CFR § 1.56.

Whereas, I the undersigned inventor have invented certain new and useful improvements as set forth in the above-identified patent application and further identified by the Attorney Docket Number provided above in the header of this document.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I the undersigned inventor hereby:

1) Sell(s), assign(s) and transfer(s) to NVIDIA Corporation, a Delaware corporation having a place of business at 2701 San Tomas Expressway, Santa Clara, California 95050, (hereinafter referred to as ("ASSIGNEE")), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.

2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.

3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

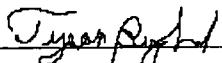
4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Signed on the date indicated beside my signature.

Legal Name of Inventor: Tyson Bergland

Signature:  Date: 3-15-2013

**COMBINED DECLARATION (37 C.F.R. 1.63) AND ASSIGNMENT FOR UTILITY APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)**

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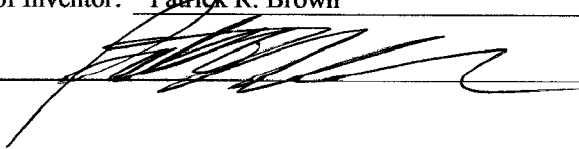
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Signed on the date indicated beside my signature.

Legal Name of Inventor: Patrick R. Brown

Signature: \_\_\_\_\_



Date: \_\_\_\_\_

9/15/2013