

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3515058

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	YURY Y. URALSKY	08/31/2015
	JONAH M. ALBEN	09/04/2015
	ANKAN BANERJEE	08/31/2015
	GREGORY MASSAL	09/01/2015
	THOMAS PETERSON	09/01/2015
	OLEG KUZNETSOV	08/31/2015
	ERIC B. LUM	08/31/2015
	PRAKSHEP MEHTA	08/31/2015
<b>RECEIVING PARTY DATA</b>		
<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>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14846737
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(408)715-1201	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	4087151211	
<b>Email:</b>	kcruz@artegislaw.com, algdocketing@artegislaw.com	
<b>Correspondent Name:</b>	ARTEGIS LAW GROUP, LLP	
<b>Address Line 1:</b>	710 LAKEWAY DRIVE, SUITE 185	
<b>Address Line 4:</b>	SUNNYVALE, CALIFORNIA 94085	
<b>ATTORNEY DOCKET NUMBER:</b>	14SC0309US1	
<b>NAME OF SUBMITTER:</b>	JOHN C. CAREY	
<b>SIGNATURE:</b>	/John C. Carey/	

<b>DATE SIGNED:</b>	09/05/2015
<b>Total Attachments: 15</b> source=14SC0309US1_Assignment#page1.tif source=14SC0309US1_Assignment#page2.tif source=14SC0309US1_Assignment#page3.tif source=14SC0309US1_Assignment#page4.tif source=14SC0309US1_Assignment#page5.tif source=14SC0309US1_Assignment#page6.tif source=14SC0309US1_Assignment#page7.tif source=14SC0309US1_Assignment#page8.tif source=14SC0309US1_Assignment#page9.tif source=14SC0309US1_Assignment#page10.tif source=14SC0309US1_Assignment#page11.tif source=14SC0309US1_Assignment#page12.tif source=14SC0309US1_Assignment#page13.tif source=14SC0309US1_Assignment#page14.tif source=14SC0309US1_Assignment#page15.tif	

**ASSIGNMENT FOR APPLICATION FOR PATENT  
WITH DECLARATION STATEMENT**

Gregory MASSAL  
19405 Brent Knoll Drive  
Pflugerville, TX 78660

WHEREAS:

Names and Addresses of Inventors:

1)	Yury URALSKY 438 Oak Grove Dr. #305 Santa Clara, CA 95054	2)	Jonah M. ALBEN 5049 Esther Drive San Jose, CA 95124
3)	Ankan BANERJEE A2/7, Ravi Park, Wanworie Pune, Maharashtra 411040	4)	Gregory MASSAL 19405 Brent Knoll Drive Pflugerville, TX 78660
5)	Thomas PETERSON 2910 Richland Ave. San Jose, CA 95125	6)	Oleg KUZNETSOV 1760 Halford Ave. Unit 371 Santa Clara, CA 95051
7)	Eric B. LUM 3332 Country Leaf Court San Jose, CA 95132	8)	Prakshep MEHTA  Pune, Maharashtra India

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

**ENHANCED ANTI-ALIASING BY VARYING SAMPLE PATTERNS SPATIALLY  
AND/OR TEMPORALLY**

enclosed herewith or for which application for Letters Patent in the United States was filed on  
\_\_\_\_\_ under Serial No. \_\_\_\_\_; and

WHEREAS, **NVIDIA CORPORATION**, a Corporation of the State of Delaware, having a place of business at 2701 San Tomas Expressway, California 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

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 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.

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

I acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) 08/31/2015 (DATE)

Yury Y. URALSKY

2) \_\_\_\_\_ (DATE)

2)	_____ (DATE)	Jonah M. ALBEN
3)	08/31/2015 (DATE)	Ankan BANERJEE
4)	_____ (DATE)	Gregory MASSAL
5)	_____ (DATE)	Thomas PETERSON
6)	_____ (DATE)	Oleg KUZNETSOV
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8)	08/31/2015 (DATE)	Prakshap MEHTA

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1) \_\_\_\_\_ (DATE)

Yury Y. URALSKY

2) 9/4/2015 (DATE)

[Signature]  
Jonah M. Alben

Jonah M. ALBEN

3) \_\_\_\_\_ (DATE)

Ankan BANERJEE

4) \_\_\_\_\_ (DATE)

Gregory MASSAL

5) 9/1/2015 (DATE)

Thomas PETERSEN

6) \_\_\_\_\_ (DATE)

Oleg KUZNETSOV

7) \_\_\_\_\_ (DATE)

Eric B. LUM

8) \_\_\_\_\_ (DATE)

Prakshep MEHTA



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19405 Brent Knoll Drive  
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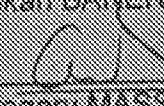
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2) \_\_\_\_\_ (DATE) \_\_\_\_\_

Jonah M. ALBEN

- 3) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Ankan BANERJEE
- 4) 09/01/15 (DATE)   
Gregory MASSAL
- 5) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Thomas PETERSEN
- 6) \_\_\_\_\_ (DATE) \_\_\_\_\_  
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Prakshap MEHTA

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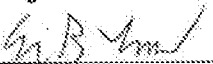
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- 5) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Thomas PETERSON
- 6) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Oleg KUZNETSOV
- 7) 8-31-15 (DATE)   
Eric B. LUM
- 8) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Prakshap MEHTA