### 503555370 11/04/2015

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ERIC B. LUM	10/09/2015
JEROME F. DULUK JR.	10/09/2015

#### **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:	14817151

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: NVDASC120512USC1	
NAME OF SUBMITTER:	JOHN C. CAREY
SIGNATURE:	/John C. Carey/
DATE SIGNED:	11/04/2015

**Total Attachments: 2** 

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PATENT 503555370 REEL: 036963 FRAME: 0121

Attorney Docket No.: NVDA/SC-12-0512-USC1

# ASSIGNMENT FOR APPLICATION FOR PATENT WITH DECLARATION STATEMENT

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Names and Addresses of Inventors:

Ī	1)	Eric B. LUM	2)	Jerome F. DULUK, Jr.
		3332 Country Leaf Court		950 California Ave. Palo Alto, CA 95303
		San Jose, CA 95132		1 410 / 110, 0/1 00000

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

enclosed herewith or for which application for Letters Patent in the United States was filed on

## TECHNIQUES FOR OPTIMIZING STENCIL BUFFERS

August 3, 2015	under Serial No.	14/817,151	; and
WHEREAS, NVIDIA C	ORPORATION., a C	orporation of the	e State of Delaware, having a place o
business at 2701 San Tomas	Expressway, Califor	nia 95050 (he	reinafter referred to as Assignee), is
desirous of acquiring the entire	e right, title and intere	st in and to said	application (hereinafter referred to as
Application), and the inventior	n disclosed therein (h	ereinafter referr	red to as Invention), and in and to al
embodiments of the Invention	, heretofore conceive	d, made or disc	overed by said Assignors, and in and
to any and all patents, inven-	tor's certificates and	other forms of	protection (hereinafter referred to as
Patents) thereon granted in an	ly and all countries an	d groups of cou	intries.

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 every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.
- 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.

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- 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.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. In the event that the filing date and/or Application No. of said Invention are not entered at the time Assignors execute this document, and if such information is deemed necessary, Assignors hereby authorize and request the attorney/agent(s) of **Artegis Law Group, LLP**, to insert the filing date and/or Application No. of said application where needed.
  - 6. This declaration is directed to the attached application, or (if following box is checked):

[]	United States application or	PCT inte	mational application number
	14/817,151	filed on	August 3, 2015 .

As a below named inventor, I hereby declare that:

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; 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) Oct 9, 2015 (DATE)

Eric B. LUM

ATE)

Jerome F. DÚLUK, Jr.

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**RECORDED: 11/04/2015**