#### PATENT ASSIGNMENT

## Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY DATA						
N			ame	Execution Date		
Mahmut E. Sinangil				07/07/2013		
John W. Poulton				07/10/2013		
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: 139417		39411				
CORRESPONDENCE DATA						
Fax Number:	503459414	42				
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.						
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Correspondent Name:	Email: komphouvong@ahmrt.com Correspondent Name: Alleman Hall McCoy Russell & Tuttle LLP					
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Address Line 4:	Portland, C	OREG	ON 97205			
ATTORNEY DOCKET NUMBER:			NVI13302/MA-12-0839-US1			
NAME OF SUBMITTER:			Odan Komphouvong			
Signature:			/Odan Komphouvong/			
Date:			07/12/2013			
Total Attachments: 2 source=ExecutedDeclaration_NVI13302#page1.tif source=ExecutedDeclaration_NVI13302#page2.tif						

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### DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) WITH ASSIGNMENT

Title of	SENSE AMPLIFIER WITH TRANSISTOR THRESHOLD COMPENSATION			
Invention:				
As the below named inventor, I hereby declare that:				

This declaration is 💫 🛛 The attached application, or

directed to:

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 authorize the attorneys at Alleman Hall McCoy Russell & Tuttle LLP (Customer Number 17996) to insert the filing date, application number, and attorney docket number of the above identified application when known.

WHEREAS, <u>NVIDIA Corporation</u>, ("ASSIGNEE"), a <u>California corporation</u>, having a place of business at <u>2701 San Tomas</u> <u>Expressway</u>, <u>Santa Clara</u>, <u>CA 95050</u> is desirous of acquiring an interest therein;

NOW, THEREFOR, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and exclusive right to the above-identified invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions, reissues, continuations and extensions thereof.

I hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and to the same, for the sole use of the ASSIGNEE, its successors and assigns.

Further, I agree that I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to ASSIGNEE, make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

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.

LEGAL NAME OF INVENTOR

Inventor: John W. Porton Date: 7/10/13 Signature:

ATTY DOCKET NO.: NVI13302/MA-12-0839-US1

Alleman Hall McCoy Russell & Tuttle LLP 806 SW Broadway, Ste. 600 Portland, OR 97205

#### PATENT REEL: 030790 FRAME: 0274

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) WITH ASSIGNMENT

Title of	SENSE AMPLIFIER WITH TRANSISTOR THRESHOLD COMPENSATION				
Invention:	Lingenten (harabu darfara that)				
As the below named inventor, I hereby declare that:					
This declaration is directed to:	The attached application, or				
	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 authorize the attorneys at Alleman Hall McCoy Russell & Tuttle LLP (Customer Number 17996) to insert the filing date, application number, and attorney docket number of the above identified application when known.					
Expressway, Santa C NOW, THEREFOR, have sold, assigned, right to the above-ic entire right, title and territorial possessio extensions thereof. I hereby authorize and all of said Letter same, for the sole u Further, I agree th invention, and testif renewal and reissue issued to ASSIGNEE, to obtain and enford	A Corporation, ("ASSIGNEE"), a California corporation, having a place of business at 2701 San Tomas Clara, CA 95050 is desirous of acquiring an interest therein; for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and exclusive dentified invention in the United States and its territorial possessions and in all foreign countries, and the d interest in and to any and all Letters Patent which may be granted therefor in the United States and its ns and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and a and request the Patent Office officials in the United States and any and all foreign countries to issue any rs Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and to the se of the ASSIGNEE, its successors and assigns. hat I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said fy in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, ce proper protection for said invention in the United States and in any and all foreign countries. ge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or t more than five (5) years, or both.				
LCCAL NAME OF IND	TNTOD				
LEGAL NAME OF INV					
Inventor: Mahmut E. Sinangil Date: 07/07/13					
Signature:					
	ATTY DOCKET NO.: NVI13302/MA-12-0839-US1				

Alleman Hall McCoy Russell & Tuttle LLP 806 SW Broadway, Ste. 600 Portland, OR 97205

PATENT REEL: 030790 FRAME: 0275

**RECORDED: 07/12/2013**