#### 502451275 08/08/2013

### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Mark Van Nostrand	07/22/2013
Sirish Kumar Muthyala	07/19/2013

#### **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:	13962347

#### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	NVI13310
NAME OF SUBMITTER:	Lydia Campbell
Signature:	/Lydia Campbell/
Date:	08/08/2013

Total Attachments: 2

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> **PATENT REEL: 030970 FRAME: 0476**

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

Title of Invention:	Pixel Data Transmission Over Multiple Pixel Interfaces
S. C.	I d inventor, I hereby declare that:
This declaration is directed to:	☑ The attached application, or
	☐ United States application or PCT international application numberfiled on
The above-identifie	d application was made or authorized to be made by me.
believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.
(A)	rneys at Alleman Hall McCoy Russell & Tuttle LLP (Customer Number 17996) to insert the filing date, , and attorney docket number of the above identified application when known.
Programme and the state of the	IA Corporation, ("ASSIGNEE"), a <u>California corporation</u> , having a place of business at <u>2701 San Tomas</u> a <u>Clara, CA 95050</u> is desirous of acquiring an interest therein;
NOW, THEREFOR have sold, assigned right to the above-i entire right, title an territorial possessic extensions thereof.	, 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 ins and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and
and all of said Lette	e 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 ise of the ASSIGNEE, its successors and assigns.
Further, I agree to invention, and testi renewal and reissur issued to ASSIGNEE	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 sit more than five (5) years, or both.
LEGAL NAME OF IN	VENTOR
3	n Nostrand Date (Optional) / 7/22/13
Signature: 22	(all U-2/htl)
<b>.</b>	

ATTY DOCKET NO.: NVI13310/AU-13-0007-US1

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

PATENT REEL: 030970 FRAME: 0477

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

Title of	Pixel Data Transmission Over Multiple Pixel Interfaces
Invention:	
As the below named	inventor, I hereby declare that:
This declaration is directed to:	To The attached application, or
	United States application or PCT international application numberfiled on
	and on
The above-identified	application was made or authorized to be made by me.
   I believe that I am th	e original inventor or an original joint inventor of a claimed invention in the application.
I authorize the attorn application number,	neys at Alleman Hall McCoy Russell & Tuttle LLP (Customer Number 17996) to insert the filing date, and attorney docket number of the above identified application when known.
Expressway, Santa NOW, THEREFOR, I have sold, assigned, a right to the above-ide entire right, title and territorial possession extensions thereof. I hereby authorize and all of said Letters same, for the sole use Further, I agree tha invention, and testify renewal and reissue a issued to ASSIGNEE, re	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 entified invention in the United States and its territorial possessions and in all foreign countries, and the interest in and to any and all Letters Patent which may be granted therefor in the United States and its and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and and request the Patent Office officials in the United States and any and all foreign countries to issue any Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and to the of the ASSIGNEE, its successors and assigns.  I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said 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 nake all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, proper protection for said invention in the United States and in any and all foreign countries.
I hereby acknowledge imprisonment of not s	that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or more than five (5) years, or both.
LEGAL NAME OF INVE	NTOR
Inventor: Sirish Kumar Muthyala Date (Optional): 19/07/2013  Signature: H. Sirish Kumar	
·	ATTY DOCKET NO : MV/13310/A) L13.0007.US1

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

PATENT REEL: 030970 FRAME: 0478

**RECORDED: 08/08/2013**