

## PATENT ASSIGNMENT

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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>Essam Atalla</td> <td>09/10/2013</td> </tr> <tr> <td>Abdellatif Bellaouar</td> <td>09/10/2013</td> </tr> </tbody> </table>		Name	Execution Date	Essam Atalla	09/10/2013	Abdellatif Bellaouar	09/10/2013
Name	Execution Date						
Essam Atalla	09/10/2013						
Abdellatif Bellaouar	09/10/2013						
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							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14023623</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14023623		
Property Type	Number						
Application Number:	14023623						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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NAME OF SUBMITTER:	David H. Hitt						
Signature:	/David H. Hitt/						
Date:	09/11/2013						
Total Attachments: 2 source=09_11_13-NVID-13-0225_Assign#page1.tif source=09_11_13-NVID-13-0225_Assign#page2.tif							

CH \$40.00 14023623

Serial No.

Attorney Docket No.

IR-13-0225-US1

### ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

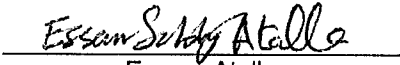
WHEREAS, NVIDIA, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 2701 San Tomas Expressway, Santa Clara, CA 95050 U.S.A, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;


NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said NVIDIA, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said NVIDIA, as assignee of my entire right, title and interest.

I also hereby sell and assign to NVIDIA, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said NVIDIA, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said NVIDIA, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE OF INVENTION	CIRCUIT AND METHOD FOR FILTERING ADJACENT CHANNEL INTERFERERS
SIGNATURE OF INVENTOR AND NAME	 Essam Atalla
(CITY AND STATE)	Richardson, Texas
DATE SIGNED	<u>09/10/2013</u>

TITLE OF INVENTION	CIRCUIT AND METHOD FOR FILTERING ADJACENT CHANNEL INTERFERERS
SIGNATURE OF INVENTOR AND NAME	 Abdellatif Bellaouar
(CITY AND STATE)	Richardson, Texas
DATE SIGNED	09/10/2013