

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID COOK	10/29/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NVIDIA CORPORATION
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<b>City:</b>	SANTA CLARA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95051
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16174600
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<b>ATTORNEY DOCKET NUMBER:</b>	16-SC-0040-US01
<b>NAME OF SUBMITTER:</b>	J. JOEL JUSTISS
<b>SIGNATURE:</b>	/J. Joel Justiss/
<b>DATE SIGNED:</b>	10/30/2018
<b>Total Attachments: 1</b>	
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Serial No.

**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

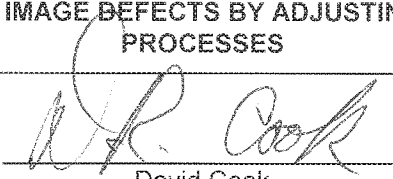
WHEREAS, Nvidia Corporation, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 2788 San Tomas Expressway, Santa Clara, CA 95051 U.S.A, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application 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 Corporation, 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 Corporation, as assignee of my entire right, title and interest.

I also hereby sell and assign to Nvidia Corporation, 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 Corporation, 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 Corporation, 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	REDUCING VIDEO IMAGE BEFACTS BY ADJUSTING FRAME BUFFER PROCESSES
SIGNATURE OF INVENTOR AND NAME	 David Cook
(CITY AND STATE)	Santa Clara, California
DATE SIGNED	<u>10/29/2018</u>